

## ALUG7XX SERIES Page 01

### Extruded Aluminium Enclosures

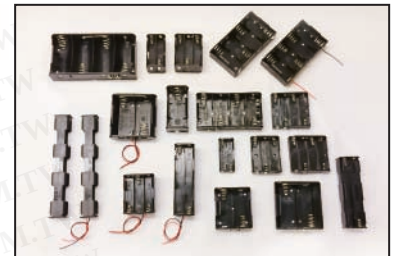
- TYPE A : Aluminium end panel ----- Page 02  
with extruded aluminium body
- TYPE B : Plastic end panel ----- Page 05  
with extruded aluminium body



## GSN SERIES Page 29

### Battery Holder & Clip

- TYPE A : Wire lead type of battery holder / Clip ----- Page 30
- TYPE B : PCB mounted type of battery holder ----- Page 34
- TYPE C : Snap connector type of battery holder ----- Page 35
- TYPE D : Solder lug type of battery holder ----- Page 37



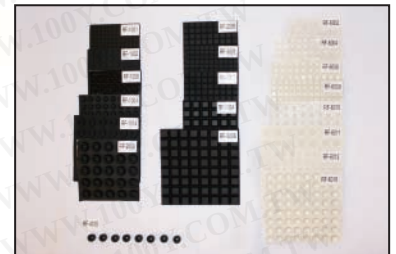
## Battery Contact Kits Page 40

### "AA" (UM3) & "AAA"(UM4)



## RF SERIES Page 42

### Rubber Feet



## DIN SERIES Page 45

### Dinrail / Module box

- Cover and Wall Clip ----- Page 46
- Guard (Perforated, Solid, Pre-drilled) ----- Page 47
- PCB and Terminal block ----- Page 48



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### Utility box & USB box

- USB box ----- Page 64
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## PRODUCT INFORMATION

- 5 different sizes with suitable lengths of extruded aluminium enclosures are provided for indoor desktop device or outdoor wall mounting junction/control box use.
- 5 standard colors (Golden, Silver, Red, Blue & Black anodized finish) & modern aluminium bodys with two type of end panels (plastic & die-casting aluminium end panel) are offered for more selection.
- 0.5mm of recessed area designed in the top is for customer to affix the product label or to do the silk-screen printing.
- Optional continuous rubber seals designed to meet IP66 rating are offered when customers need to install in the cover & use the enclosure in the outdoor.
- Die-casting wall mounting kit with black powder coated (2pcs/pack) are also offered for selection.
- Inserted type of PCB (1.6 mm thick.) & PCB stopper are also provided when customer need to use.

**TYPE A** Aluminium end panel with extruded aluminium body



**TYPE B** Plastic end panel with extruded aluminium body

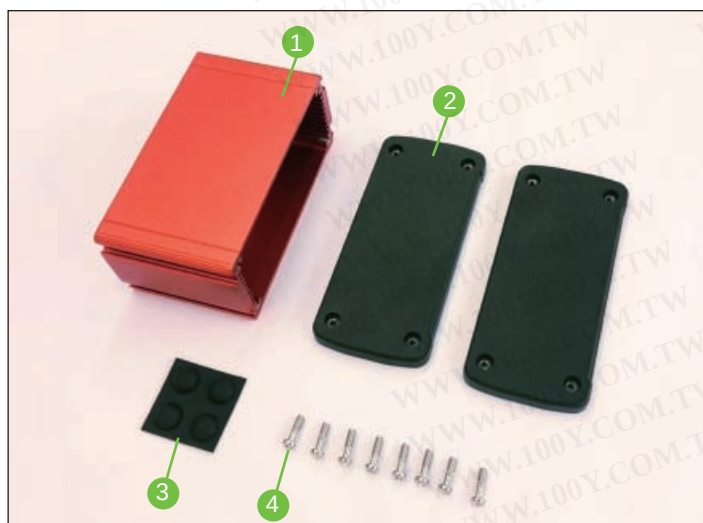




## PRODUCT INFORMATION

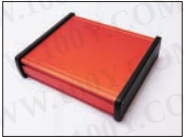
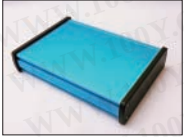
- Material of the aluminium body : Aluminium alloy 6063
- Material of the aluminium end panel : Aluminium alloy ADC-12
- Color of the aluminium body : Golden <GD> , Silver <SR> , Red <RD> , Blue <BU> & Black <BK> anodized finish
- Color of the aluminium end panel : Black powder coating

### Content



- 1: Aluminium body
- 2: Aluminium end panel
- 3: Rubber feet
- 4: Stainless screw and Polycarbonate washer

| ※ Reference Product Photo                                                           | Item number    | COLOR                   |                      | External Dimension (mm) |
|-------------------------------------------------------------------------------------|----------------|-------------------------|----------------------|-------------------------|
|                                                                                     |                | Extruded Aluminium Body | Aluminium end Panels |                         |
|    | ※ ALUG702GD040 | ■ Golden                | ■ Painted Black      | 68.7 x 35.2 x 49        |
|                                                                                     | ALUG702GD080   |                         |                      | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702GD120   |                         |                      | 68.7 x 35.2 x 129       |
|    | ALUG702SR040   | ■ Silver                | ■ Painted Black      | 68.7 x 35.2 x 49        |
|                                                                                     | ALUG702SR080   |                         |                      | 68.7 x 35.2 x 89        |
|                                                                                     | ※ ALUG702SR120 |                         |                      | 68.7 x 35.2 x 129       |
|    | ALUG702RD040   | ■ Red                   | ■ Painted Black      | 68.7 x 35.2 x 49        |
|                                                                                     | ※ ALUG702RD080 |                         |                      | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702RD120   |                         |                      | 68.7 x 35.2 x 129       |
|    | ALUG702BU040   | ■ Blue                  | ■ Painted Black      | 68.7 x 35.2 x 49        |
|                                                                                     | ※ ALUG702BU080 |                         |                      | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702BU120   |                         |                      | 68.7 x 35.2 x 129       |
|    | ALUG702BK040   | ■ Black                 | ■ Painted Black      | 68.7 x 35.2 x 49        |
|                                                                                     | ※ ALUG702BK080 |                         |                      | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702BK120   |                         |                      | 68.7 x 35.2 x 129       |
|   | ALUG704GD060   | ■ Golden                | ■ Painted Black      | 113.7 x 35.2 x 69       |
|                                                                                     | ALUG704GD110   |                         |                      | 113.7 x 35.2 x 119      |
|                                                                                     | ※ ALUG704GD160 |                         |                      | 113.7 x 35.2 x 169      |
|  | ALUG704SR060   | ■ Silver                | ■ Painted Black      | 113.7 x 35.2 x 69       |
|                                                                                     | ※ ALUG704SR110 |                         |                      | 113.7 x 35.2 x 119      |
|                                                                                     | ALUG704SR160   |                         |                      | 113.7 x 35.2 x 169      |
|  | ALUG704RD060   | ■ Red                   | ■ Painted Black      | 113.7 x 35.2 x 69       |
|                                                                                     | ※ ALUG704RD110 |                         |                      | 113.7 x 35.2 x 119      |
|                                                                                     | ALUG704RD160   |                         |                      | 113.7 x 35.2 x 169      |
|  | ALUG704BU060   | ■ Blue                  | ■ Painted Black      | 113.7 x 35.2 x 69       |
|                                                                                     | ※ ALUG704BU110 |                         |                      | 113.7 x 35.2 x 119      |
|                                                                                     | ALUG704BU160   |                         |                      | 113.7 x 35.2 x 169      |
|  | ※ ALUG704BK060 | ■ Black                 | ■ Painted Black      | 113.7 x 35.2 x 69       |
|                                                                                     | ALUG704BK110   |                         |                      | 113.7 x 35.2 x 119      |
|                                                                                     | ALUG704BK160   |                         |                      | 113.7 x 35.2 x 169      |
|  | ALUG705GD060   | ■ Golden                | ■ Painted Black      | 115.1 x 51.6 x 69       |
|                                                                                     | ※ ALUG705GD110 |                         |                      | 115.1 x 51.6 x 119      |
|                                                                                     | ALUG705GD160   |                         |                      | 115.1 x 51.6 x 169      |
|  | ALUG705SR060   | ■ Silver                | ■ Painted Black      | 115.1 x 51.6 x 69       |
|                                                                                     | ALUG705SR110   |                         |                      | 115.1 x 51.6 x 119      |
|                                                                                     | ※ ALUG705SR160 |                         |                      | 115.1 x 51.6 x 169      |
|  | ALUG705RD060   | ■ Red                   | ■ Painted Black      | 115.1 x 51.6 x 69       |
|                                                                                     | ※ ALUG705RD110 |                         |                      | 115.1 x 51.6 x 119      |
|                                                                                     | ALUG705RD160   |                         |                      | 115.1 x 51.6 x 169      |
|  | ALUG705BU060   | ■ Blue                  | ■ Painted Black      | 115.1 x 51.6 x 69       |
|                                                                                     | ※ ALUG705BU110 |                         |                      | 115.1 x 51.6 x 119      |
|                                                                                     | ALUG705BU160   |                         |                      | 115.1 x 51.6 x 169      |
|  | ALUG705BK060   | ■ Black                 | ■ Painted Black      | 115.1 x 51.6 x 69       |
|                                                                                     | ※ ALUG705BK110 |                         |                      | 115.1 x 51.6 x 119      |
|                                                                                     | ALUG705BK160   |                         |                      | 115.1 x 51.6 x 169      |

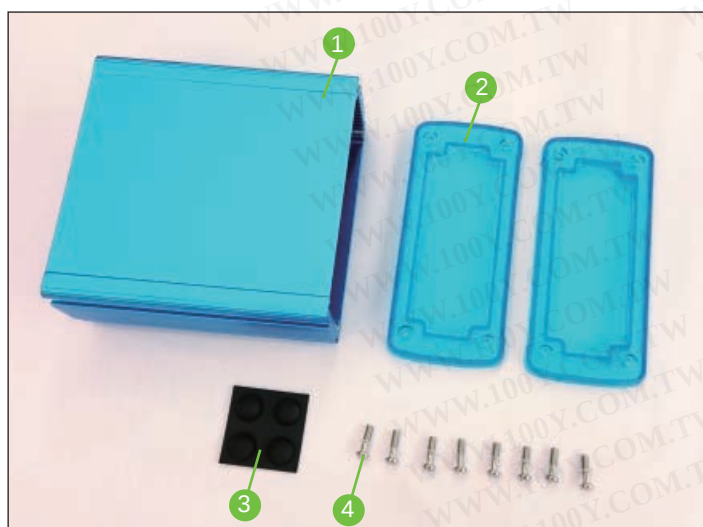
| ※ Reference Product Photo                                                           | Item number    | COLOR                   |                      | External Dimension (mm) |
|-------------------------------------------------------------------------------------|----------------|-------------------------|----------------------|-------------------------|
|                                                                                     |                | Extruded Aluminium Body | Aluminium end Panels |                         |
|    | ※ ALUG706GD080 | ■ Golden                | ■ Painted Black      | 146.6 x 41.6 x 89       |
|                                                                                     | ALUG706GD120   |                         |                      | 146.6 x 41.6 x 129      |
|                                                                                     | ALUG706GD160   |                         |                      | 146.6 x 41.6 x 169      |
|                                                                                     | ALUG706GD200   |                         |                      | 146.6 x 41.6 x 209      |
|    | ALUG706SR080   | ■ Silver                | ■ Painted Black      | 146.6 x 41.6 x 89       |
|                                                                                     | ALUG706SR120   |                         |                      | 146.6 x 41.6 x 129      |
|                                                                                     | ※ ALUG706SR160 |                         |                      | 146.6 x 41.6 x 169      |
|                                                                                     | ALUG706SR200   |                         |                      | 146.6 x 41.6 x 209      |
|    | ALUG706RD080   | ■ Red                   | ■ Painted Black      | 146.6 x 41.6 x 89       |
|                                                                                     | ALUG706RD120   |                         |                      | 146.6 x 41.6 x 129      |
|                                                                                     | ※ ALUG706RD160 |                         |                      | 146.6 x 41.6 x 169      |
|                                                                                     | ALUG706RD200   |                         |                      | 146.6 x 41.6 x 209      |
|   | ALUG706BU080   | ■ Blue                  | ■ Painted Black      | 146.6 x 41.6 x 89       |
|                                                                                     | ALUG706BU120   |                         |                      | 146.6 x 41.6 x 129      |
|                                                                                     | ALUG706BU160   |                         |                      | 146.6 x 41.6 x 169      |
|                                                                                     | ※ ALUG706BU200 |                         |                      | 146.6 x 41.6 x 209      |
|  | ALUG706BK080   | ■ Black                 | ■ Painted Black      | 146.6 x 41.6 x 89       |
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|                                                                                     | ALUG706BK160   |                         |                      | 146.6 x 41.6 x 169      |
|                                                                                     | ALUG706BK200   |                         |                      | 146.6 x 41.6 x 209      |
|  | ALUG708GD080   | ■ Golden                | ■ Painted Black      | 177.6 x 61.1 x 89       |
|                                                                                     | ALUG708GD120   |                         |                      | 177.6 x 61.1 x 129      |
|                                                                                     | ALUG708GD160   |                         |                      | 177.6 x 61.1 x 169      |
|                                                                                     | ※ ALUG708GD200 |                         |                      | 177.6 x 61.1 x 209      |
|  | ALUG708SR080   | ■ Silver                | ■ Painted Black      | 177.6 x 61.1 x 89       |
|                                                                                     | ※ ALUG708SR120 |                         |                      | 177.6 x 61.1 x 129      |
|                                                                                     | ALUG708SR160   |                         |                      | 177.6 x 61.1 x 169      |
|                                                                                     | ALUG708SR200   |                         |                      | 177.6 x 61.1 x 209      |
|  | ※ ALUG708RD080 | ■ Red                   | ■ Painted Black      | 177.6 x 61.1 x 89       |
|                                                                                     | ALUG708RD120   |                         |                      | 177.6 x 61.1 x 129      |
|                                                                                     | ALUG708RD160   |                         |                      | 177.6 x 61.1 x 169      |
|                                                                                     | ALUG708RD200   |                         |                      | 177.6 x 61.1 x 209      |
|  | ALUG708BU080   | ■ Blue                  | ■ Painted Black      | 177.6 x 61.1 x 89       |
|                                                                                     | ALUG708BU120   |                         |                      | 177.6 x 61.1 x 129      |
|                                                                                     | ※ ALUG708BU160 |                         |                      | 177.6 x 61.1 x 169      |
|                                                                                     | ALUG708BU200   |                         |                      | 177.6 x 61.1 x 209      |
|  | ALUG708BK080   | ■ Black                 | ■ Painted Black      | 177.6 x 61.1 x 89       |
|                                                                                     | ALUG708BK120   |                         |                      | 177.6 x 61.1 x 129      |
|                                                                                     | ※ ALUG708BK160 |                         |                      | 177.6 x 61.1 x 169      |
|                                                                                     | ALUG708BK200   |                         |                      | 177.6 x 61.1 x 209      |



## PRODUCT INFORMATION

- Material of the aluminium body : Aluminium alloy 6063
- Material of the plastic end panel : UL94-V0 rating of polycarbonate
- Color of the aluminium body : Golden <GD> , Silver <SR> , Red <RD> , Blue <BU> & Black <BK> anodized finish
- Color of the plastic end panel : Clear, Infra-red , Translucent blue & black

### Content



- 1: Aluminium body
- 2: Plastic end panel
- 3: Rubber feet
- 4: Stainless screw and Polycarbonate washer

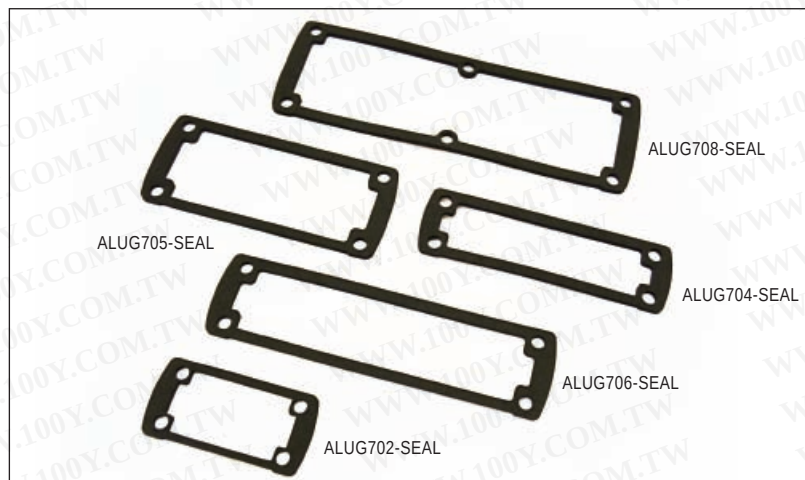
| ※ Reference Product Photo                                                           | Item number        | COLOR                   |                    | External Dimension (mm) |
|-------------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|-------------------------|
|                                                                                     |                    | Extruded Aluminium Body | Plastic end Panels |                         |
|    | ※ ALUG702GD040-C   | ■ Golden                | □ Clear            | 68.7 x 35.2 x 49        |
|                                                                                     | ALUG702GD080-C     |                         |                    | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702GD120-C     |                         |                    | 68.7 x 35.2 x 129       |
|    | ※ ALUG702SR040-C   | ■ Silver                | □ Clear            | 68.7 x 35.2 x 49        |
|                                                                                     | ALUG702SR080-C     |                         |                    | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702SR120-C     |                         |                    | 68.7 x 35.2 x 129       |
|    | ※ ALUG702RD040-IR  | ■ Red                   | ■ Infra Red        | 68.7 x 35.2 x 49        |
|                                                                                     | ALUG702RD080-IR    |                         |                    | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702RD120-IR    |                         |                    | 68.7 x 35.2 x 129       |
|    | ※ ALUG702BU040-CBU | ■ Blue                  | ■ Translucent Blue | 68.7 x 35.2 x 49        |
|                                                                                     | ALUG702BU080-CBU   |                         |                    | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702BU120-CBU   |                         |                    | 68.7 x 35.2 x 129       |
|    | ※ ALUG702BK040-BK  | ■ Black                 | ■ Black            | 68.7 x 35.2 x 49        |
|                                                                                     | ALUG702BK080-BK    |                         |                    | 68.7 x 35.2 x 89        |
|                                                                                     | ALUG702BK120-BK    |                         |                    | 68.7 x 35.2 x 129       |
|   | ※ ALUG704GD060-C   | ■ Golden                | □ Clear            | 113.7 x 35.2 x 69       |
|                                                                                     | ALUG704GD110-C     |                         |                    | 113.7 x 35.2 x 119      |
|                                                                                     | ALUG704GD160-C     |                         |                    | 113.7 x 35.2 x 169      |
|  | ※ ALUG704SR060-C   | ■ Silver                | □ Clear            | 113.7 x 35.2 x 69       |
|                                                                                     | ALUG704SR110-C     |                         |                    | 113.7 x 35.2 x 119      |
|                                                                                     | ALUG704SR160-C     |                         |                    | 113.7 x 35.2 x 169      |
|  | ※ ALUG704RD060-IR  | ■ Red                   | ■ Infra Red        | 113.7 x 35.2 x 69       |
|                                                                                     | ALUG704RD110-IR    |                         |                    | 113.7 x 35.2 x 119      |
|                                                                                     | ALUG704RD160-IR    |                         |                    | 113.7 x 35.2 x 169      |
|  | ※ ALUG704BU060-CBU | ■ Blue                  | ■ Translucent Blue | 113.7 x 35.2 x 69       |
|                                                                                     | ALUG704BU110-CBU   |                         |                    | 113.7 x 35.2 x 119      |
|                                                                                     | ALUG704BU160-CBU   |                         |                    | 113.7 x 35.2 x 169      |
|  | ※ ALUG704BK060-BK  | ■ Black                 | ■ Black            | 113.7 x 35.2 x 69       |
|                                                                                     | ALUG704BK110-BK    |                         |                    | 113.7 x 35.2 x 119      |
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|  | ※ ALUG705GD060-C   | ■ Golden                | □ Clear            | 115.1 x 51.6 x 69       |
|                                                                                     | ALUG705GD110-C     |                         |                    | 115.1 x 51.6 x 119      |
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|  | ※ ALUG705RD060-IR  | ■ Red                   | ■ Infra Red        | 115.1 x 51.6 x 69       |
|                                                                                     | ALUG705RD110-IR    |                         |                    | 115.1 x 51.6 x 119      |
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|  | ※ ALUG705BU060-CBU | ■ Blue                  | ■ Translucent Blue | 115.1 x 51.6 x 69       |
|                                                                                     | ALUG705BU110-CBU   |                         |                    | 115.1 x 51.6 x 119      |
|                                                                                     | ALUG705BU160-CBU   |                         |                    | 115.1 x 51.6 x 169      |
|  | ※ ALUG705BK060-BK  | ■ Black                 | ■ Black            | 115.1 x 51.6 x 69       |
|                                                                                     | ALUG705BK110-BK    |                         |                    | 115.1 x 51.6 x 119      |
|                                                                                     | ALUG705BK160-BK    |                         |                    | 115.1 x 51.6 x 169      |

| ※ Reference Product Photo                                                          | Item number      | COLOR                   |                    | External Dimension (mm) |
|------------------------------------------------------------------------------------|------------------|-------------------------|--------------------|-------------------------|
|                                                                                    |                  | Extruded Aluminium Body | Plastic end Panels |                         |
|    | ALUG706GD080-C   | ■ Golden                | □ Clear            | 146.6 x 41.6 x 89       |
|                                                                                    | ALUG706GD120-C   |                         |                    | 146.6 x 41.6 x 129      |
|                                                                                    | ALUG706GD160-C   |                         |                    | 146.6 x 41.6 x 169      |
|                                                                                    | ALUG706GD200-C   |                         |                    | 146.6 x 41.6 x 209      |
|    | ALUG706SR080-C   | ■ Silver                | □ Clear            | 146.6 x 41.6 x 89       |
|                                                                                    | ALUG706SR120-C   |                         |                    | 146.6 x 41.6 x 129      |
|                                                                                    | ALUG706SR160-C   |                         |                    | 146.6 x 41.6 x 169      |
|                                                                                    | ALUG706SR200-C   |                         |                    | 146.6 x 41.6 x 209      |
|    | ALUG706RD080-IR  | ■ Red                   | ■ Red              | 146.6 x 41.6 x 89       |
|                                                                                    | ALUG706RD120-IR  |                         |                    | 146.6 x 41.6 x 129      |
|                                                                                    | ALUG706RD160-IR  |                         |                    | 146.6 x 41.6 x 169      |
|                                                                                    | ALUG706RD200-IR  |                         |                    | 146.6 x 41.6 x 209      |
|   | ALUG706BU080-CBU | ■ Blue                  | ■ Translucent Blue | 146.6 x 41.6 x 89       |
|                                                                                    | ALUG706BU120-CBU |                         |                    | 146.6 x 41.6 x 129      |
|                                                                                    | ALUG706BU160-CBU |                         |                    | 146.6 x 41.6 x 169      |
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|  | ALUG706BK080-BK  | ■ Black                 | ■ Black            | 146.6 x 41.6 x 89       |
|                                                                                    | ALUG706BK120-BK  |                         |                    | 146.6 x 41.6 x 129      |
|                                                                                    | ALUG706BK160-BK  |                         |                    | 146.6 x 41.6 x 169      |
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|  | ALUG708GD080-C   | ■ Golden                | □ Clear            | 177.6 x 61.1 x 89       |
|                                                                                    | ALUG708GD120-C   |                         |                    | 177.6 x 61.1 x 129      |
|                                                                                    | ALUG708GD160-C   |                         |                    | 177.6 x 61.1 x 169      |
|                                                                                    | ALUG708GD200-C   |                         |                    | 177.6 x 61.1 x 209      |
|  | ALUG708SR080-C   | ■ Silver                | □ Clear            | 177.6 x 61.1 x 89       |
|                                                                                    | ALUG708SR120-C   |                         |                    | 177.6 x 61.1 x 129      |
|                                                                                    | ALUG708SR160-C   |                         |                    | 177.6 x 61.1 x 169      |
|                                                                                    | ALUG708SR200-C   |                         |                    | 177.6 x 61.1 x 209      |
|  | ALUG708RD080-IR  | ■ Red                   | ■ Infra Red        | 177.6 x 61.1 x 89       |
|                                                                                    | ALUG708RD120-IR  |                         |                    | 177.6 x 61.1 x 129      |
|                                                                                    | ALUG708RD160-IR  |                         |                    | 177.6 x 61.1 x 169      |
|                                                                                    | ALUG708RD200-IR  |                         |                    | 177.6 x 61.1 x 209      |
|  | ALUG708BU080-CBU | ■ Blue                  | ■ Translucent Blue | 177.6 x 61.1 x 89       |
|                                                                                    | ALUG708BU120-CBU |                         |                    | 177.6 x 61.1 x 129      |
|                                                                                    | ALUG708BU160-CBU |                         |                    | 177.6 x 61.1 x 169      |
|                                                                                    | ALUG708BU200-CBU |                         |                    | 177.6 x 61.1 x 209      |
|  | ALUG708BK080-BK  | ■ Black                 | ■ Black            | 177.6 x 61.1 x 89       |
|                                                                                    | ALUG708BK120-BK  |                         |                    | 177.6 x 61.1 x 129      |
|                                                                                    | ALUG708BK160-BK  |                         |                    | 177.6 x 61.1 x 169      |
|                                                                                    | ALUG708BK200-BK  |                         |                    | 177.6 x 61.1 x 209      |

# Continuous Rubber Seal, Wall Mounting bracket

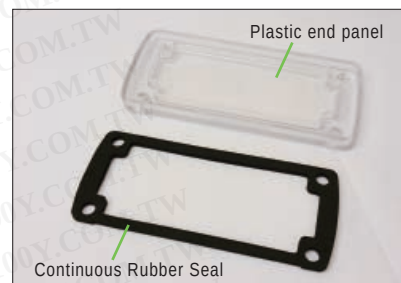
## Continuous Rubber Seal

- Material of the continuous rubber seal : CR ( Neoprene )
- Color of the continuous rubber seal : Black



| Item Number  | Color | External Dimension (mm) |
|--------------|-------|-------------------------|
| ALUG702-SEAL | Black | 64.7 x 31.2 x 3         |
| ALUG704-SEAL | Black | 109.7 x 31.2 x 3        |
| ALUG705-SEAL | Black | 109.7 x 46.2 x 3        |
| ALUG706-SEAL | Black | 141.2 x 36.2 x 3        |
| ALUG708-SEAL | Black | 171.2 x 54.7 x 3        |

Example



## Wall Mounting Bracket

- Material of the wall mounting bracket : Aluminium alloy ADC-12
- Color of the wall mounting bracket : Black <BK> powder coating
- Sales package: 2 pcs/bag  
(2 pcs of each mounting brackets & M3.5 X 6mm stainless screws)



Example

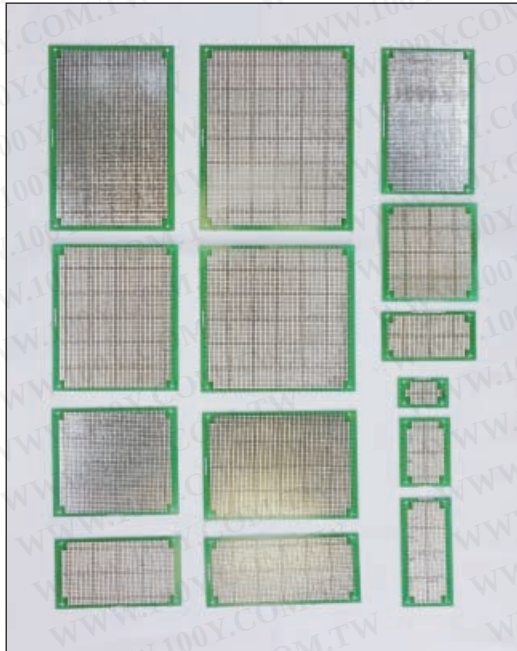


| Item Number | Color         | External Dimension (mm) |
|-------------|---------------|-------------------------|
| ALMF-002PBK | Painted Black | 25 x 18 x 3             |

# PCB, PCB Stopper

## Optional PCB

- Material of the PCB : Glass epoxy board ( FR-4 ) ,both sides.
- Thickness of the PCB is 1.6mm, hole & hole distance is 2.54mm



Example



| Item Number    | External Dimension(mm) |       |        |
|----------------|------------------------|-------|--------|
|                | LENGTH                 | WIDTH | HEIGHT |
| ALUG702040-PCB | 32                     | 53.3  | 1.6    |
| ALUG702080-PCB | 72                     | 53.3  | 1.6    |
| ALUG702120-PCB | 112                    | 53.3  | 1.6    |
| ALUG704060-PCB | 52                     | 98.3  | 1.6    |
| ALUG704110-PCB | 102                    | 98.3  | 1.6    |
| ALUG704160-PCB | 152                    | 98.3  | 1.6    |
| ALUG705060-PCB | 52                     | 98.3  | 1.6    |
| ALUG705110-PCB | 102                    | 98.3  | 1.6    |
| ALUG705160-PCB | 152                    | 98.3  | 1.6    |
| ALUG706080-PCB | 72                     | 129.8 | 1.6    |
| ALUG706120-PCB | 112                    | 129.8 | 1.6    |
| ALUG706160-PCB | 152                    | 129.8 | 1.6    |
| ALUG706200-PCB | 192                    | 129.8 | 1.6    |
| ALUG708080-PCB | 72                     | 159.8 | 1.6    |
| ALUG708120-PCB | 112                    | 159.8 | 1.6    |
| ALUG708160-PCB | 152                    | 159.8 | 1.6    |
| ALUG708200-PCB | 192                    | 159.8 | 1.6    |

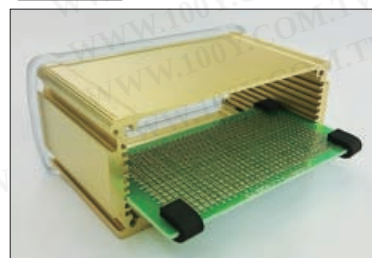
## PCB Stopper

- Material of PCB Stopper : CR(Neoprene ) with 3M glue adhesive tape
- Sales package: 20 pcs/bag



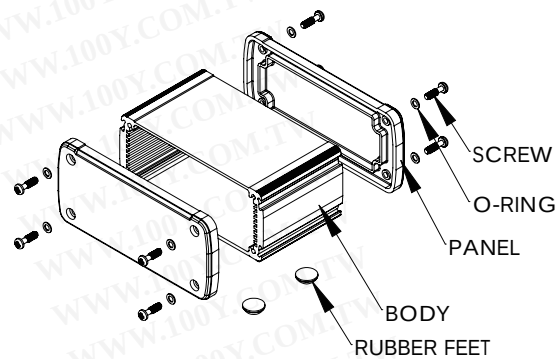
| Item Number     | External Dimension (mm) |
|-----------------|-------------------------|
| ALUG7XX-PCBSTOP | 22 X 8 x 3              |

Example



# CONTENT

## TYPE A Series - Aluminium end panel with extruded aluminium body



1. Extruded aluminium body



2. Aluminium end panel

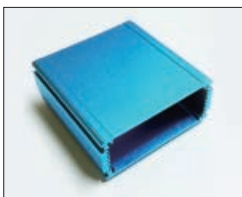
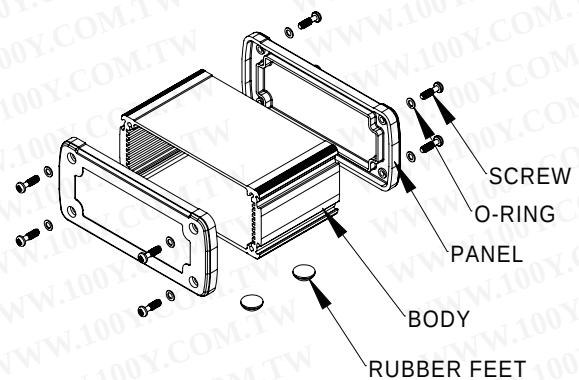


3. Rubber Feet



4. Stainless screw and Polycarbonate washer

## TYPE B Series - Plastic end panel with extruded aluminium body



1. Extruded aluminium body



2. Plastic end panel



3. Rubber Feet



4. Stainless screw and Polycarbonate washer

## ► How to install the seal into the plastic cover/aluminium cover



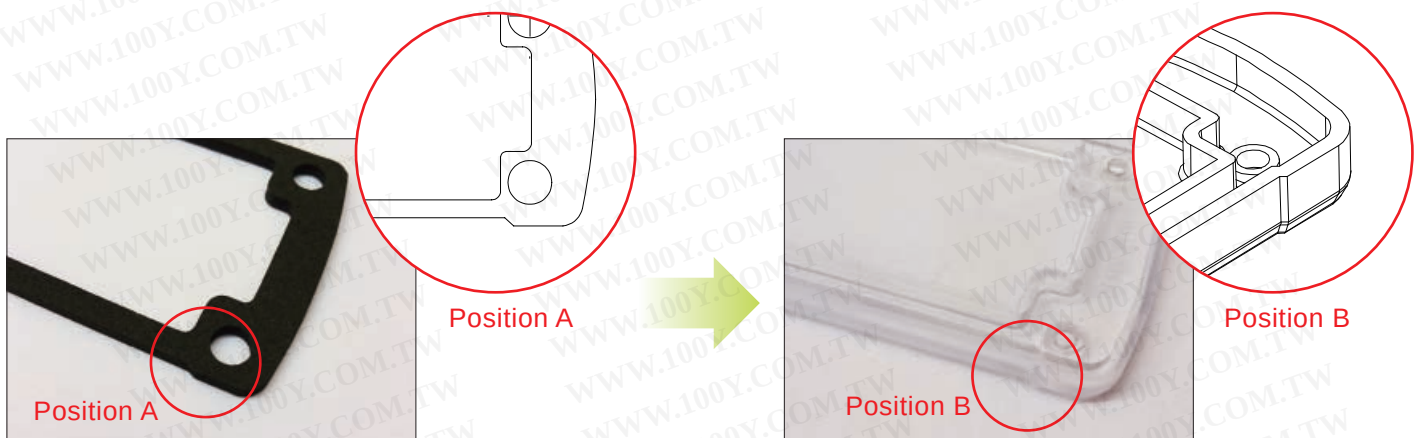
### TYPE A

Seal / Aluminium cover  
(PS: the same installation as plastic cover)



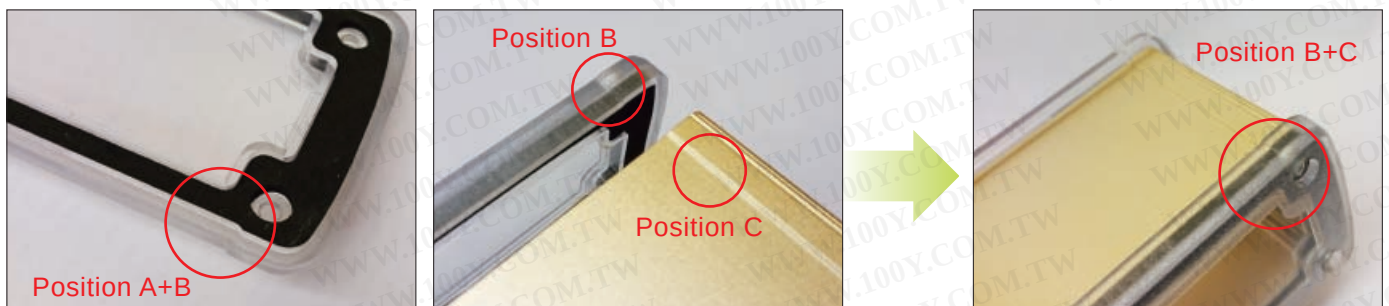
### TYPE B

Seal / Plastic cover



1. Pay attention on the seal  
(Position A).

2. Pay attention on the cover  
(Position B).



3. Should be installed in the same side.  
(position A+B), (position B+C)

4. Done.



Position A+B

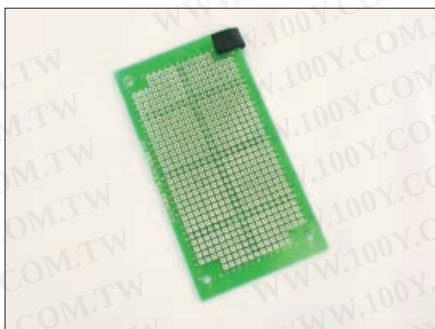
Position B

Position C

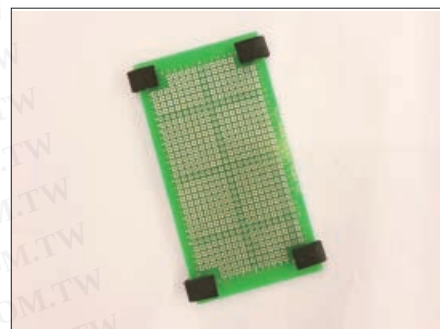
## ► How to use the PCB & PCB Stopper



1. PCB / PCB STOPPER



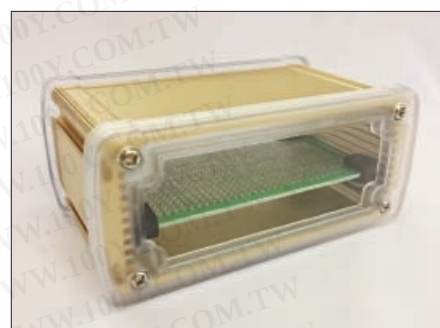
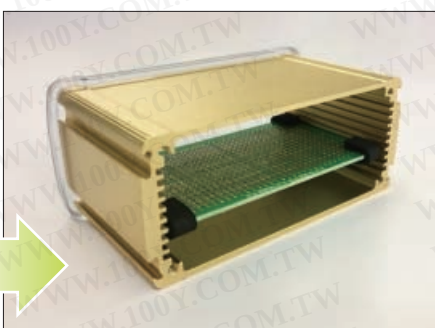
2. Remove the paper from the PCB STOPPER and affix the rubber on the hole of the PCB.



3. Repeat 2 for the other holes.



4. Insert the PCB into the extruded body.



5. Done.

## ► How to affix the rubber feet



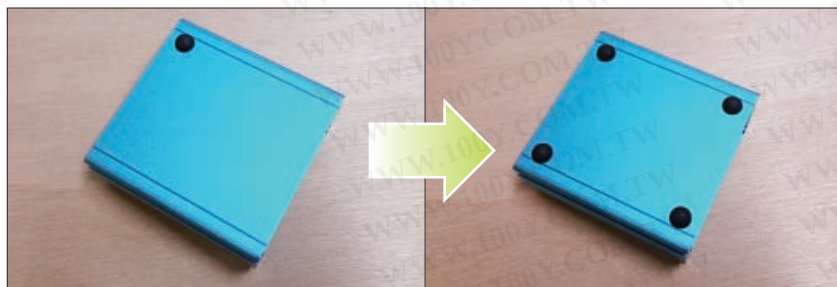
1. Rubber Feet  
(4pcs/sheet)



2. Extruded body



3. Rubber foot adhesive line



4. Per the photo, Affix the rubber feet in the extruded body.

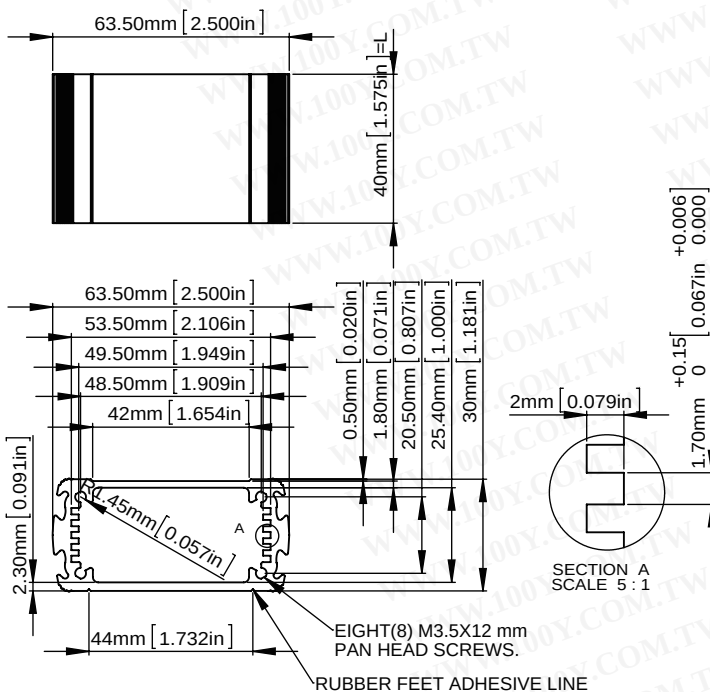
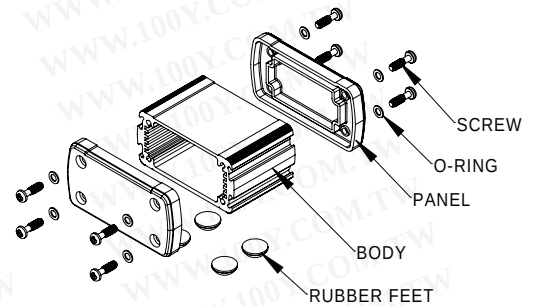
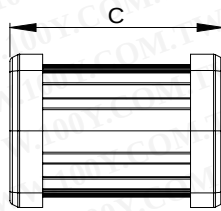
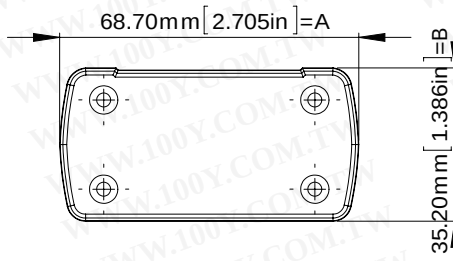


5. Done.

# TYPE A

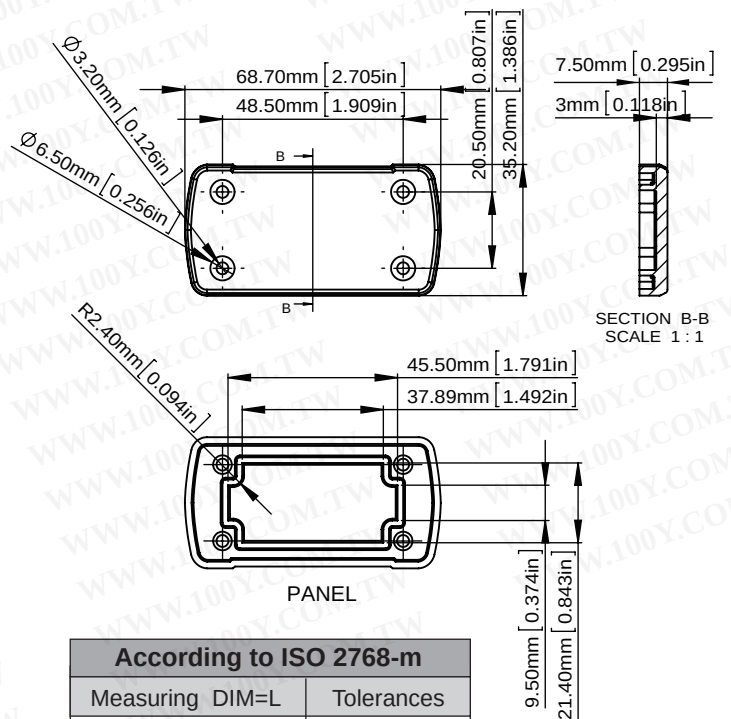
# ALUG702XXXXX

| ITEM NO      | BODY                                                         | PANEL                                                | O-RING                                  | RUBBER FEET                                                             | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|--------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG702GD040 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINITA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 68.7X35.2X49 mm                 |
| ALUG702SR040 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702RD040 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702BU040 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702BK040 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702GD080 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINITA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 68.7X35.2X89 mm                 |
| ALUG702SR080 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702RD080 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702BU080 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702BK080 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702GD120 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINITA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 68.7X35.2X129 mm                |
| ALUG702SR120 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702RD120 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702BU120 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                         |                                                              |                                 |
| ALUG702BK120 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                         |                                                              |                                 |



| ITEM NO.     | L(mm)  |
|--------------|--------|
| ALUG702XX040 | 40 mm  |
| ALUG702XX080 | 80 mm  |
| ALUG702XX120 | 120 mm |

BODY



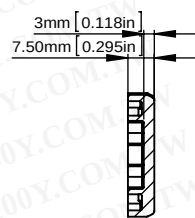
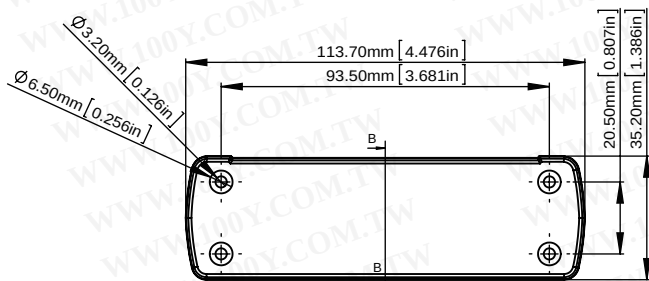
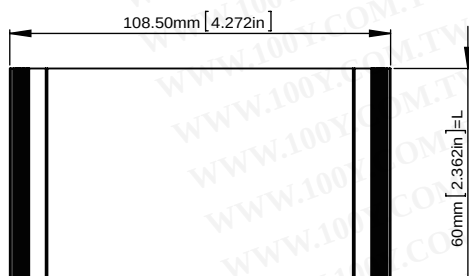
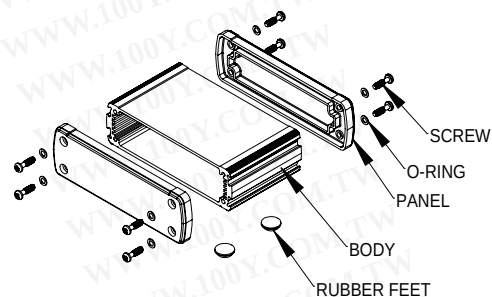
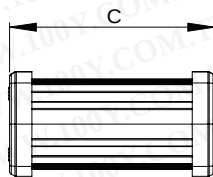
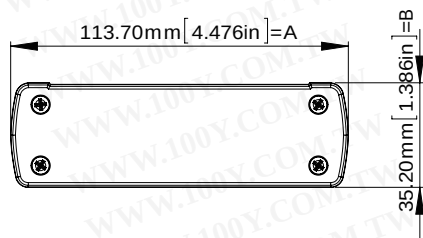
## According to ISO 2768-m

| Measuring DIM=L      | Tolerances |
|----------------------|------------|
| 0.5 < L ≤ 3.0mm      | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm      | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm     | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm   | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm  | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm | ± 0.8mm    |

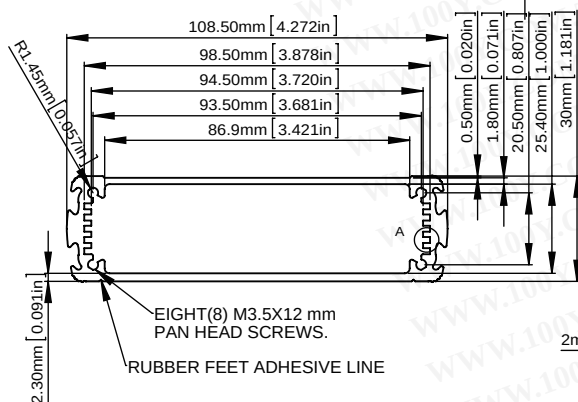
# TYPE A

# ALUG704XXXXX

| ITEM NO      | BODY                                                         | PANEL                                                | O-RING                                  | RUBBER FEET                                                            | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|--------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG704GD060 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 113.7X35.2X69 mm                |
| ALUG704SR060 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704RD060 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704BU060 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704BK060 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704GD110 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 113.7X35.2X119 mm               |
| ALUG704SR110 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704RD110 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704BU110 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704BK110 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704GD160 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 113.7X35.2X169 mm               |
| ALUG704SR160 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704RD160 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704BU160 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG704BK160 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |

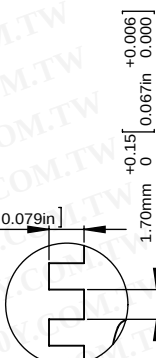


SECTION B-B

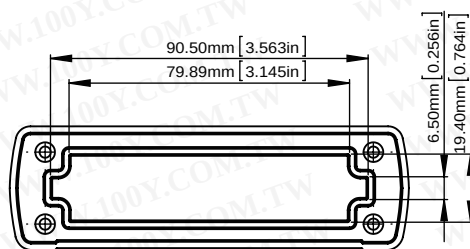


| ITEM NO.     | L(mm)  |
|--------------|--------|
| ALUG704XX060 | 60 mm  |
| ALUG704XX110 | 110 mm |
| ALUG704XX160 | 160 mm |

BODY



SECTION A  
SCALE 5 : 1



PANEL

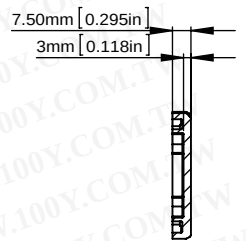
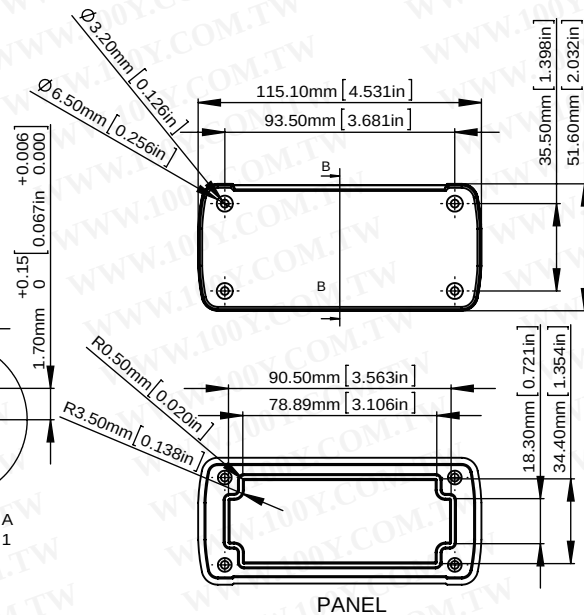
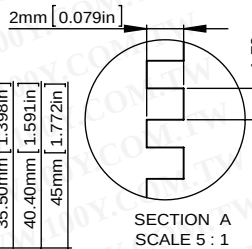
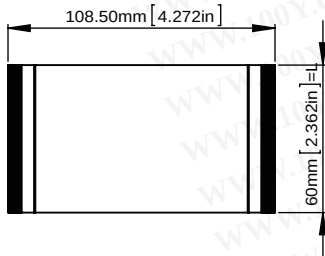
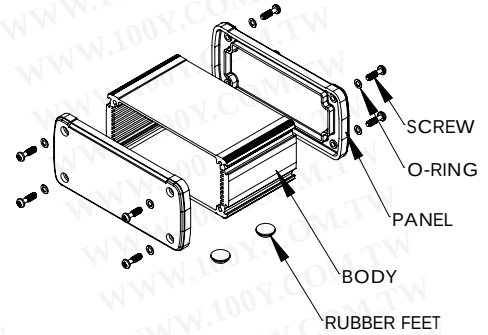
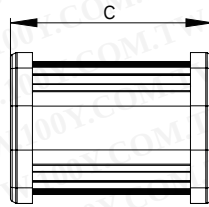
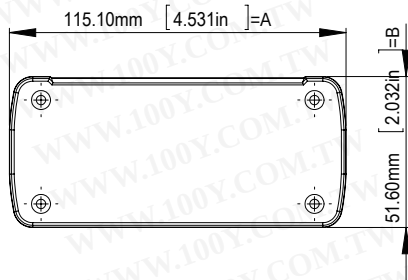
## According to ISO 2768-m

| Measuring DIM=L      | Tolerances |
|----------------------|------------|
| 0.5 < L ≤ 3.0mm      | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm      | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm     | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm   | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm  | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm | ± 0.8mm    |

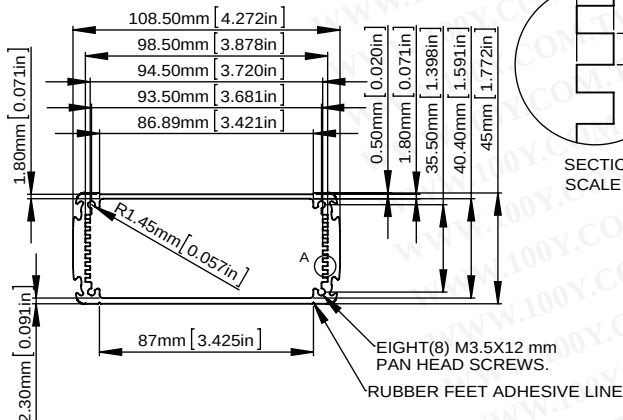
# TYPE A

# ALUG705XXXXX

| ITEM NO      | BODY                                                         | PANEL                                                | O-RING                                  | RUBBER FEET                                                            | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|--------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG705GD060 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 115.1X51.6X69 mm                |
| ALUG705SR060 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705RD060 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705BU060 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705BK060 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705GD110 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 115.1X51.6X119 mm               |
| ALUG705SR110 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705RD110 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705BU110 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705BK110 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705GD160 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 115.1X51.6X169 mm               |
| ALUG705SR160 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705RD160 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705BU160 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG705BK160 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |



SECTION B-B  
SCALE 2 : 3



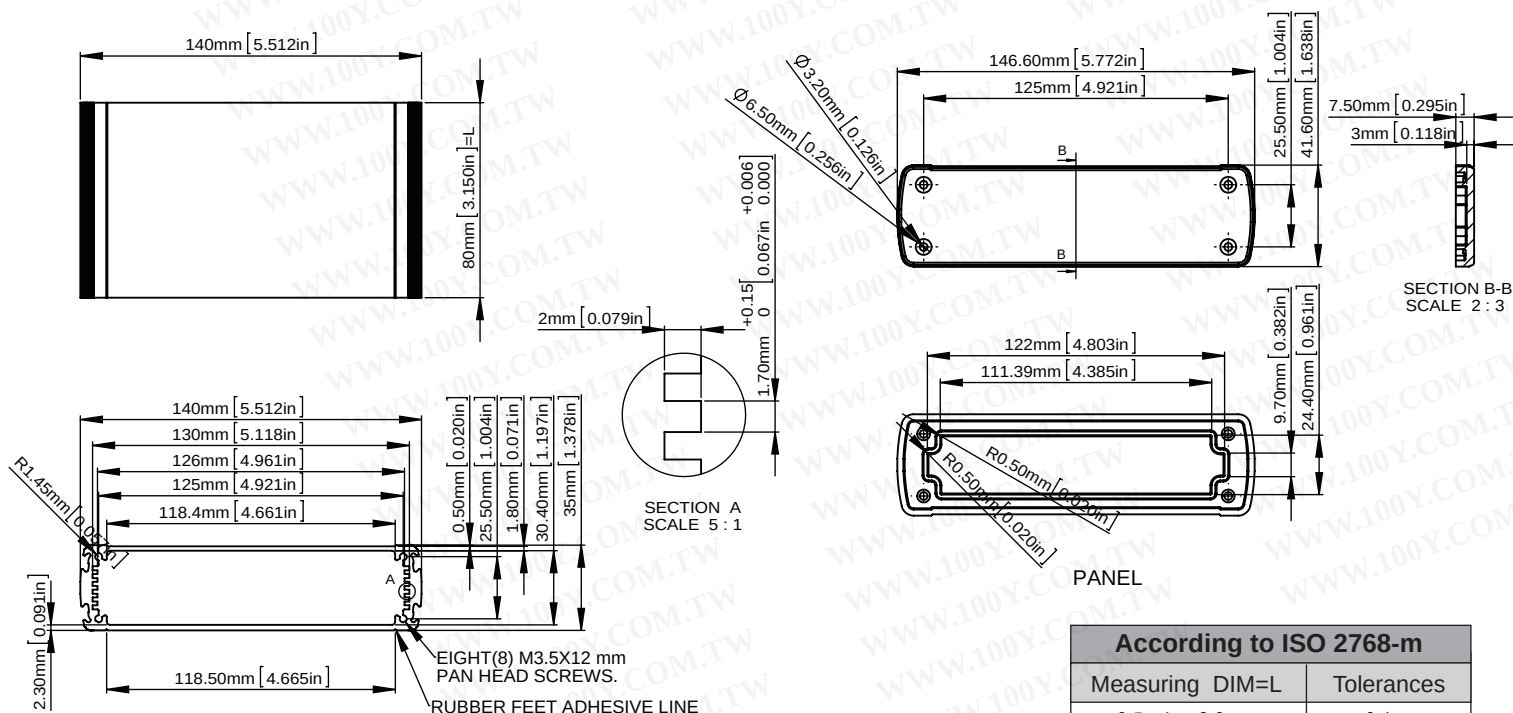
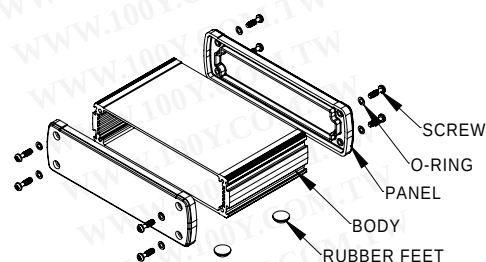
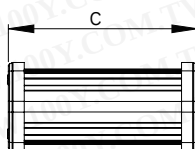
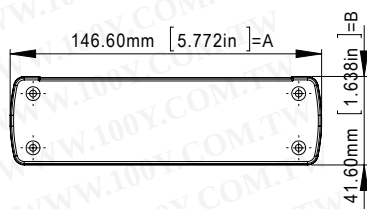
| ITEM NO.     | L(mm)  |
|--------------|--------|
| ALUG705XX060 | 60 mm  |
| ALUG705XX110 | 110 mm |
| ALUG705XX160 | 160 mm |

BODY

| According to ISO 2768-m |            |
|-------------------------|------------|
| Measuring DIM=L         | Tolerances |
| 0.5 < L ≤ 3.0mm         | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm         | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm        | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm      | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm     | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm    | ± 0.8mm    |

**ALUG706XXXXX**

| ITEM NO      | BODY                                                         | PANEL                                                | O-RING                                  | RUBBER FEET                                                            | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|--------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG706GD080 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>(PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER (GAINTA<br>ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 146.6X41.6X89 mm                |
| ALUG706SR080 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706RD080 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706BU080 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706BK080 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706GD120 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>(PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER (GAINTA<br>ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 146.6X41.6X129 mm               |
| ALUG706SR120 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706RD120 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706BU120 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706BK120 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706GD160 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>(PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER (GAINTA<br>ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 146.6X41.6X169 mm               |
| ALUG706SR160 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706RD160 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706BU160 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706BK160 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706GD200 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>(PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER (GAINTA<br>ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 146.6X41.6X209 mm               |
| ALUG706SR200 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706RD200 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706BU200 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                        |                                                              |                                 |
| ALUG706BK200 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                        |                                                              |                                 |



| ITEM NO.     | L(mm)  |
|--------------|--------|
| ALUG706XX080 | 80 mm  |
| ALUG706XX120 | 120 mm |
| ALUG706XX160 | 160 mm |
| ALUG706XX200 | 200 mm |

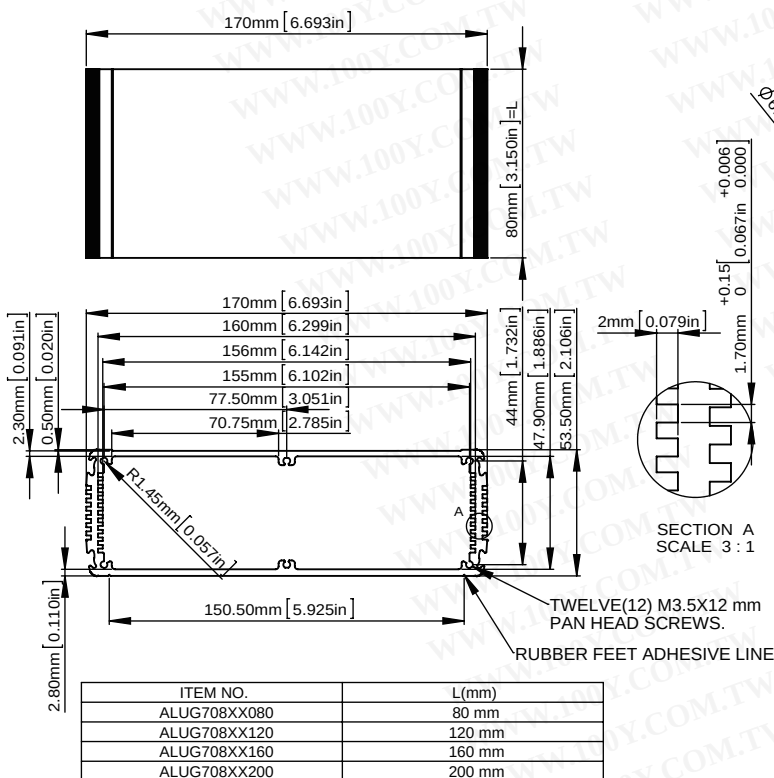
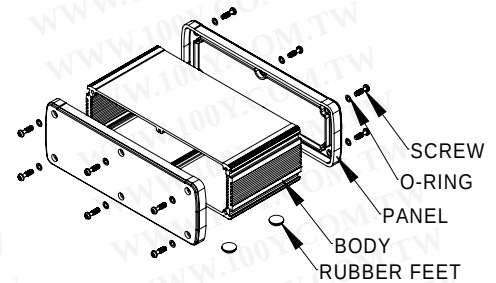
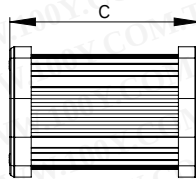
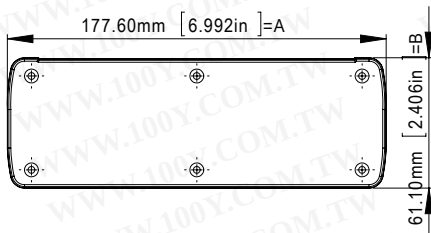
## BODY

| According to ISO 2768-m |            |
|-------------------------|------------|
| Measuring DIM=L         | Tolerances |
| 0.5 < L ≤ 3.0mm         | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm         | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm        | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm      | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm     | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm    | ± 0.8mm    |

# TYPE A

# ALUG708XXXXX

| ITEM NO      | BODY                                                         | PANEL                                                | O-RING                                  | RUBBER FEET                                                        | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|--------------|--------------------------------------------------------------|------------------------------------------------------|-----------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG708GD080 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm MATERIAL:RUBBER<br>(GAINA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 177.6X61.1X89 mm                |
| ALUG708SR080 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708RD080 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708BU080 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708BK080 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708GD120 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm MATERIAL:RUBBER<br>(GAINA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 177.6X61.1X129 mm               |
| ALUG708SR120 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708RD120 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708BU120 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708BK120 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708GD160 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm MATERIAL:RUBBER<br>(GAINA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 177.6X61.1X169 mm               |
| ALUG708SR160 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708RD160 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708BU160 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708BK160 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708GD200 | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | DIE-CAST ALUMINIUM ADC-12<br>/PAINTED BLACK(RAL9005) | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm MATERIAL:RUBBER<br>(GAINA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 177.6X61.1X209 mm               |
| ALUG708SR200 | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708RD200 | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708BU200 | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     |                                                      |                                         |                                                                    |                                                              |                                 |
| ALUG708BK200 | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) |                                                      |                                         |                                                                    |                                                              |                                 |



BODY

PANEL

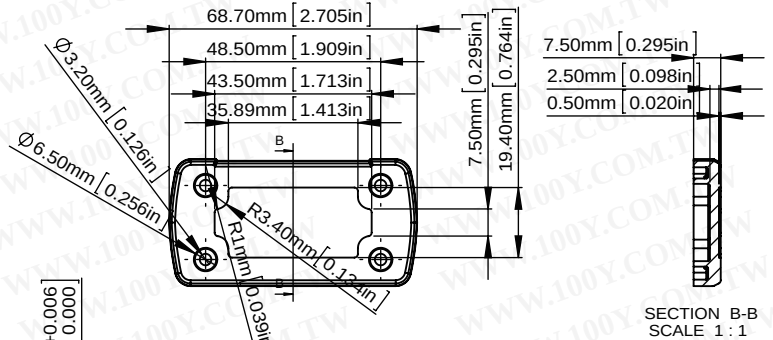
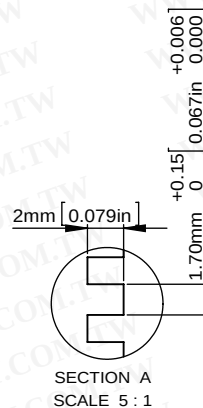
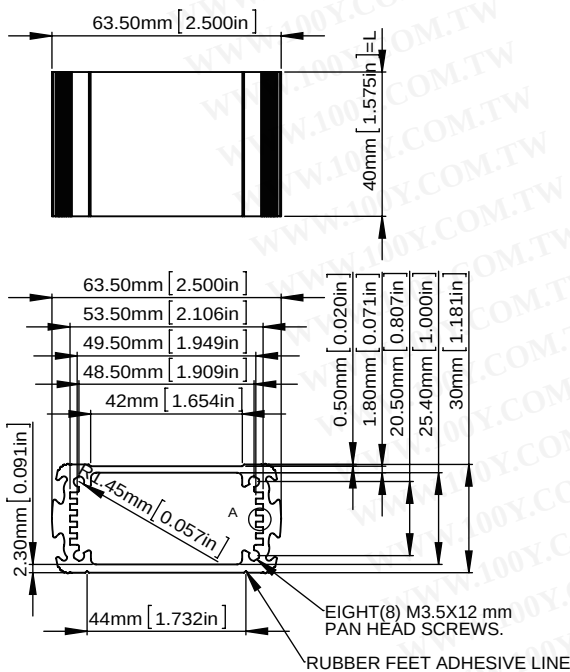
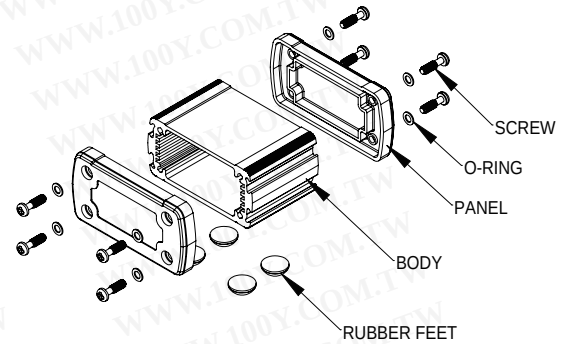
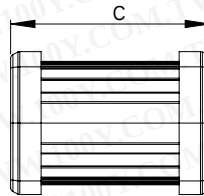
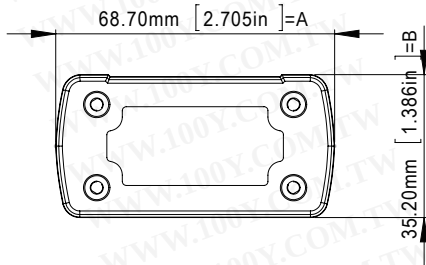
## According to ISO 2768-m

| Measuring DIM=L      | Tolerances |
|----------------------|------------|
| 0.5 < L ≤ 3.0mm      | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm      | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm     | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm   | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm  | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm | ± 0.8mm    |

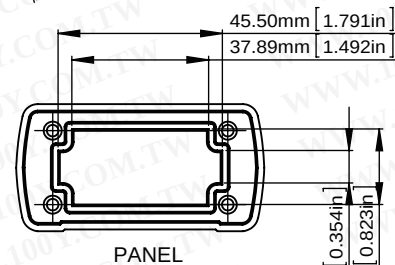
# TYPE B

# ALUG702XXXXX-XXX

| ITEM NO          | BODY                                                         | PANEL                                     | O-RING                                   | RUBBER FEET                                                            | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|------------------|--------------------------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG702GD040-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER<br>(GAINA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 68.7X35.2X49 mm                 |
| ALUG702SR040-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                        |                                                              |                                 |
| ALUG702RD040-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                        |                                                              |                                 |
| ALUG702BU040-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                        |                                                              |                                 |
| ALUG702BK040-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                        |                                                              |                                 |
| ALUG702GD080-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER<br>(GAINA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 68.7X35.2X89 mm                 |
| ALUG702SR080-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                        |                                                              |                                 |
| ALUG702RD080-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                        |                                                              |                                 |
| ALUG702BU080-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                        |                                                              |                                 |
| ALUG702BK080-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                        |                                                              |                                 |
| ALUG702GD120-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER<br>(GAINA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 68.7X35.2X129 mm                |
| ALUG702SR120-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                        |                                                              |                                 |
| ALUG702RD120-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                        |                                                              |                                 |
| ALUG702BU120-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                        |                                                              |                                 |
| ALUG702BK120-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                        |                                                              |                                 |



SECTION B-B  
SCALE 1 : 1



| ITEM NO.         | L(mm)  |
|------------------|--------|
| ALUG702XX040-XXX | 40 mm  |
| ALUG702XX080-XXX | 80 mm  |
| ALUG702XX120-XXX | 120 mm |

BODY

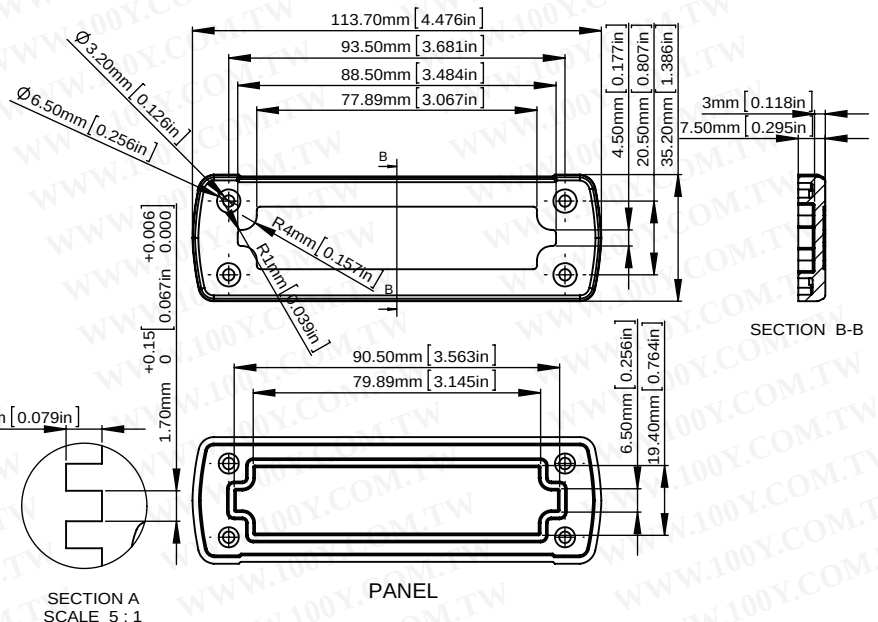
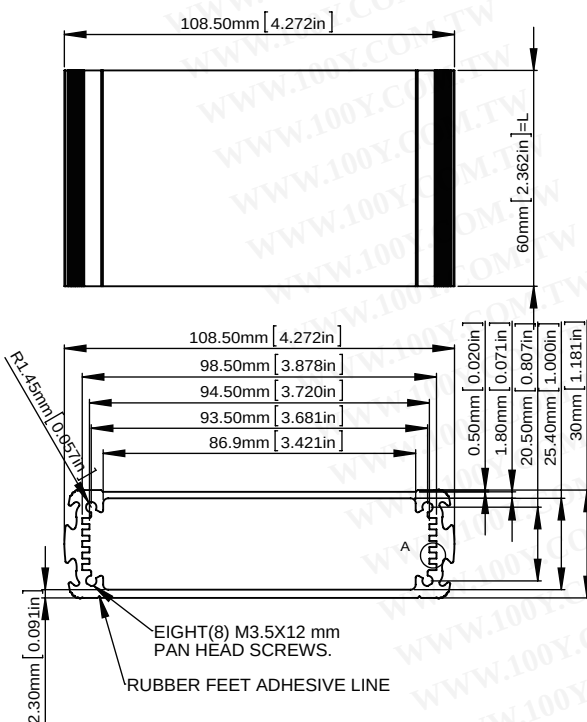
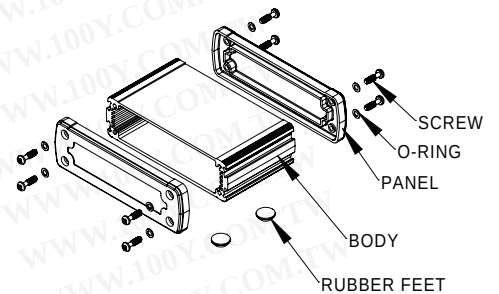
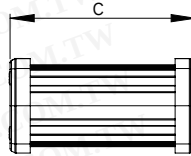
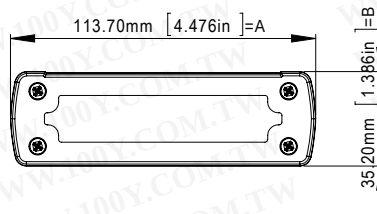
## According to ISO 2768-m

| Measuring DIM=L      | Tolerances |
|----------------------|------------|
| 0.5 < L ≤ 3.0mm      | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm      | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm     | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm   | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm  | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm | ± 0.8mm    |

# TYPE B

# ALUG704XXXXX-XXX

| ITEM NO          | BODY                                                         | PANEL                                     | O-RING                                   | RUBBER FEET                                                              | SCREW                                                          | EXTERNAL DIMENSION(mm)<br>AXBXC |
|------------------|--------------------------------------------------------------|-------------------------------------------|------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------|
| ALUG704GD060-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER<br>(GAINITA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL: STAINLESS SUS 304<br>COLOR: UNFINISHED | 113.7X35.2X69 mm                |
| ALUG704SR060-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                          |                                                                |                                 |
| ALUG704RD060-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                          |                                                                |                                 |
| ALUG704BU060-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                          |                                                                |                                 |
| ALUG704BK060-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                          |                                                                |                                 |
| ALUG704GD110-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER<br>(GAINITA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL: STAINLESS SUS 304<br>COLOR: UNFINISHED | 113.7X35.2X119 mm               |
| ALUG704SR110-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                          |                                                                |                                 |
| ALUG704RD110-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                          |                                                                |                                 |
| ALUG704BU110-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                          |                                                                |                                 |
| ALUG704BK110-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                          |                                                                |                                 |
| ALUG704GD160-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER<br>(GAINITA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL: STAINLESS SUS 304<br>COLOR: UNFINISHED | 113.7X35.2X169 mm               |
| ALUG704SR160-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                          |                                                                |                                 |
| ALUG704RD160-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                          |                                                                |                                 |
| ALUG704BU160-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                          |                                                                |                                 |
| ALUG704BK160-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                          |                                                                |                                 |



| ITEM NO.         | L(mm)  |
|------------------|--------|
| ALUG704XX060-XXX | 60 mm  |
| ALUG704XX110-XXX | 110 mm |
| ALUG704XX160-XXX | 160 mm |

BODY

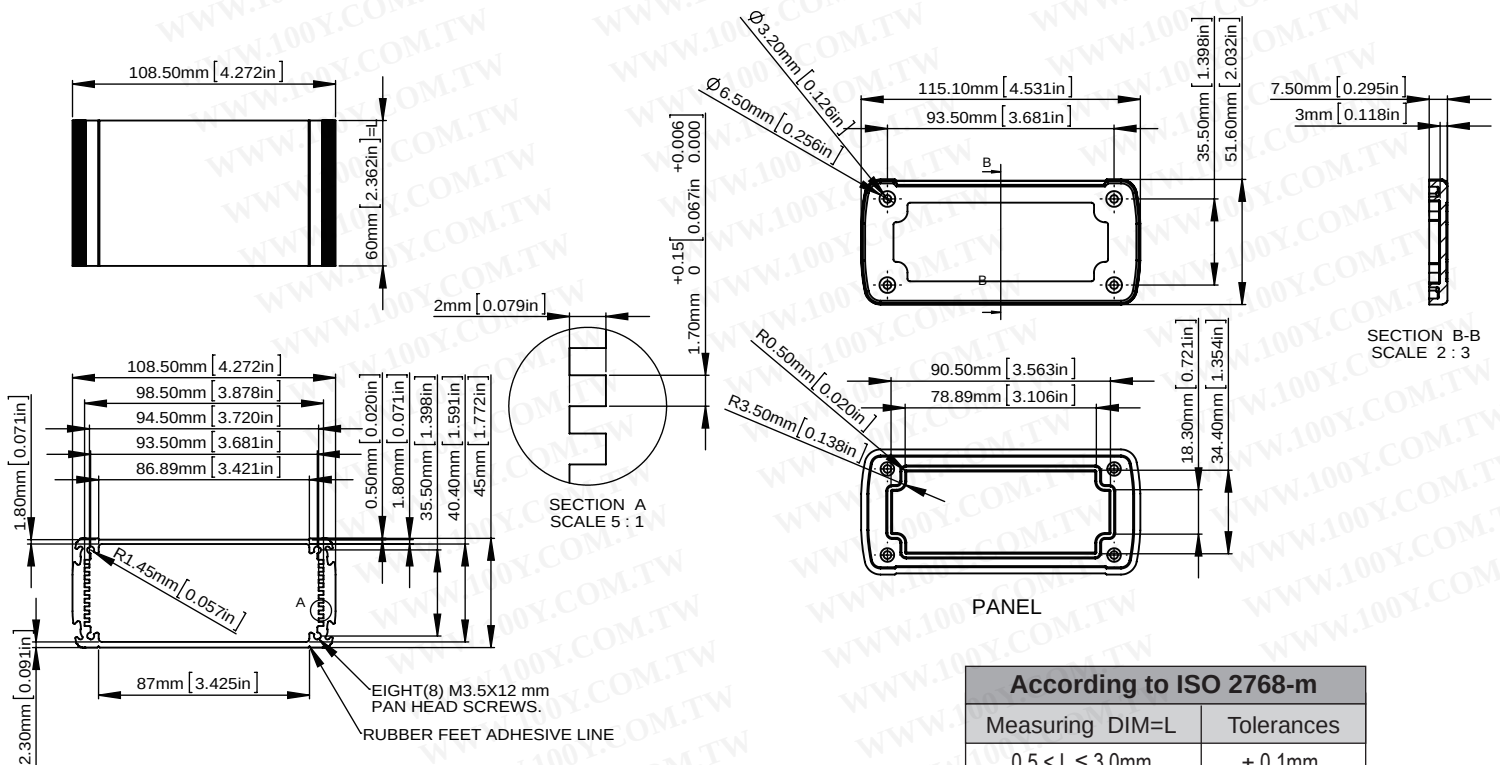
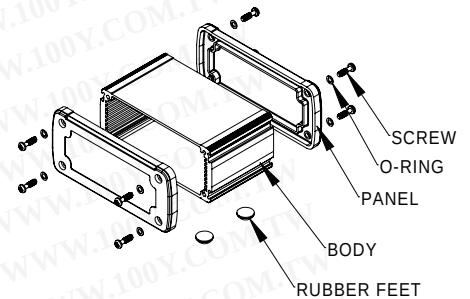
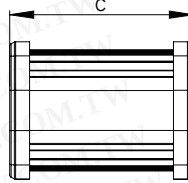
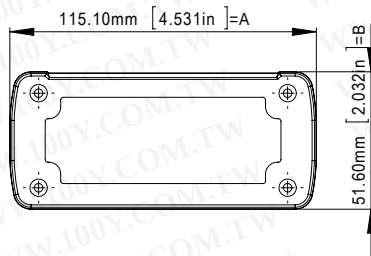
## According to ISO 2768-m

| Measuring DIM=L      | Tolerances |
|----------------------|------------|
| 0.5 < L ≤ 3.0mm      | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm      | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm     | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm   | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm  | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm | ± 0.8mm    |

# TYPE B

# ALUG705XXXXX-XXX

| ITEM NO          | BODY                                                         | PANEL                                     | O-RING                                  | RUBBER FEET                                                            | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|------------------|--------------------------------------------------------------|-------------------------------------------|-----------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG705GD060-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 115.1X51.6X69 mm                |
| ALUG705SR060-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                         |                                                                        |                                                              |                                 |
| ALUG705RD060-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                         |                                                                        |                                                              |                                 |
| ALUG705BU060-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                         |                                                                        |                                                              |                                 |
| ALUG705BK060-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                         |                                                                        |                                                              |                                 |
| ALUG705GD110-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 115.1X51.6X119 mm               |
| ALUG705SR110-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                         |                                                                        |                                                              |                                 |
| ALUG705RD110-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                         |                                                                        |                                                              |                                 |
| ALUG705BU110-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                         |                                                                        |                                                              |                                 |
| ALUG705BK110-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                         |                                                                        |                                                              |                                 |
| ALUG705GD160-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm<br>MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 115.1X51.6X169 mm               |
| ALUG705SR160-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                         |                                                                        |                                                              |                                 |
| ALUG705RD160-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                         |                                                                        |                                                              |                                 |
| ALUG705BU160-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                         |                                                                        |                                                              |                                 |
| ALUG705BK160-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                         |                                                                        |                                                              |                                 |

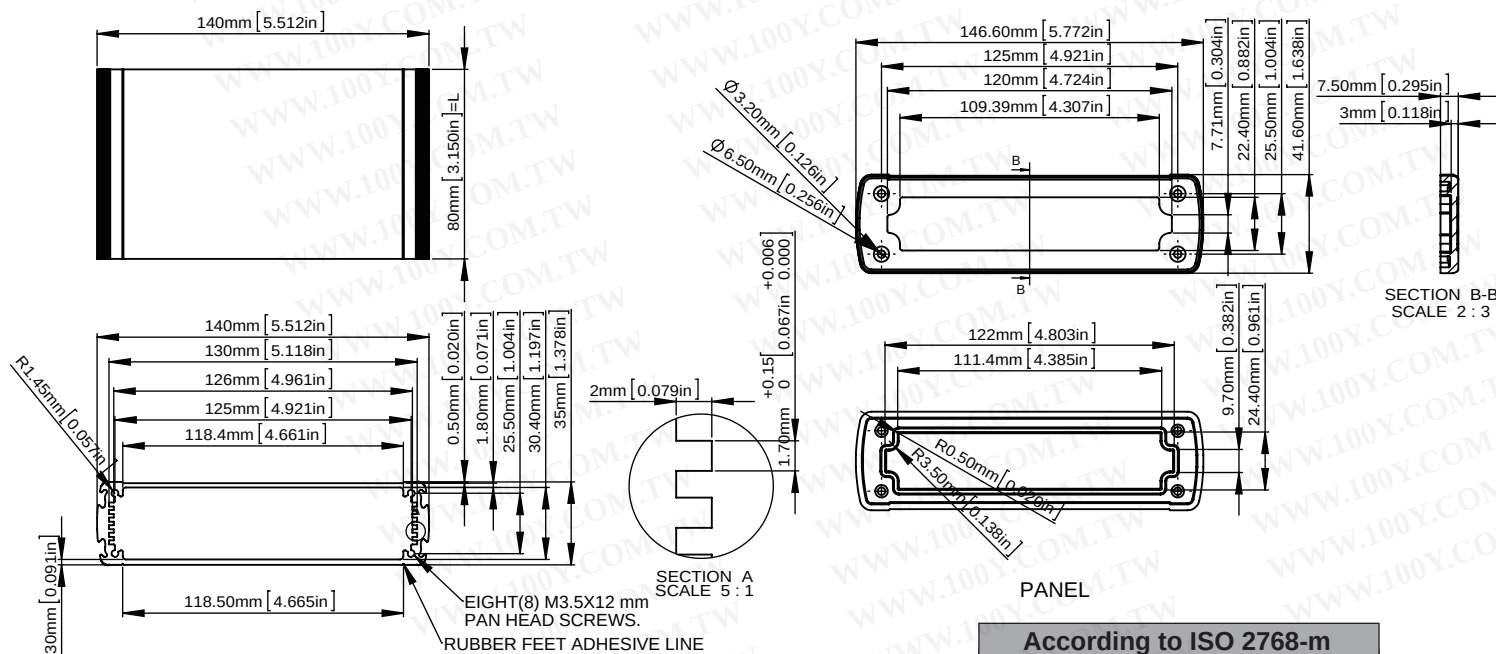
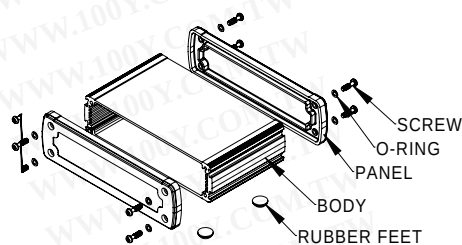
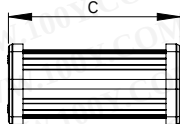
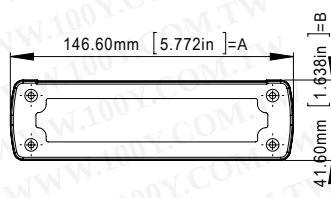


| ITEM NO.         | L(mm)  |
|------------------|--------|
| ALUG705XX060-XXX | 60 mm  |
| ALUG705XX110-XXX | 110 mm |
| ALUG705XX160-XXX | 160 mm |

BODY

ALUG706XXXXX-XXX

| ITEM NO          | BODY                                                         | PANEL                                     | O-RING                                   | RUBBER FEET                                                             | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|------------------|--------------------------------------------------------------|-------------------------------------------|------------------------------------------|-------------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG706GD080-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER (GAINTA<br>ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 146.6X41.6X89 mm                |
| ALUG706SR080-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                         |                                                              |                                 |
| ALUG706RD080-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                         |                                                              |                                 |
| ALUG706BU080-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                         |                                                              |                                 |
| ALUG706BK080-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                         |                                                              |                                 |
| ALUG706GD120-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER (GAINTA<br>ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 146.6X41.6X129 mm               |
| ALUG706SR120-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                         |                                                              |                                 |
| ALUG706RD120-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                         |                                                              |                                 |
| ALUG706BU120-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                         |                                                              |                                 |
| ALUG706BK120-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                         |                                                              |                                 |
| ALUG706GD160-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER (GAINTA<br>ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 146.6X41.6X169 mm               |
| ALUG706SR160-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                         |                                                              |                                 |
| ALUG706RD160-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                         |                                                              |                                 |
| ALUG706BU160-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                         |                                                              |                                 |
| ALUG706BK160-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                         |                                                              |                                 |
| ALUG706GD200-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR: CLEAR | Ø12X5 mm<br>MATERIAL: RUBBER (GAINTA<br>ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 146.6X41.6X209 mm               |
| ALUG706SR200-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                          |                                                                         |                                                              |                                 |
| ALUG706RD200-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                          |                                                                         |                                                              |                                 |
| ALUG706BU200-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                          |                                                                         |                                                              |                                 |
| ALUG706BK200-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                          |                                                                         |                                                              |                                 |



| ITEM NO.         | L(mm)  |
|------------------|--------|
| ALUG706XX080-XXX | 80 mm  |
| ALUG706XX120-XXX | 120 mm |
| ALUG706XX160-XXX | 160 mm |
| ALUG706XX200-XXX | 200 mm |

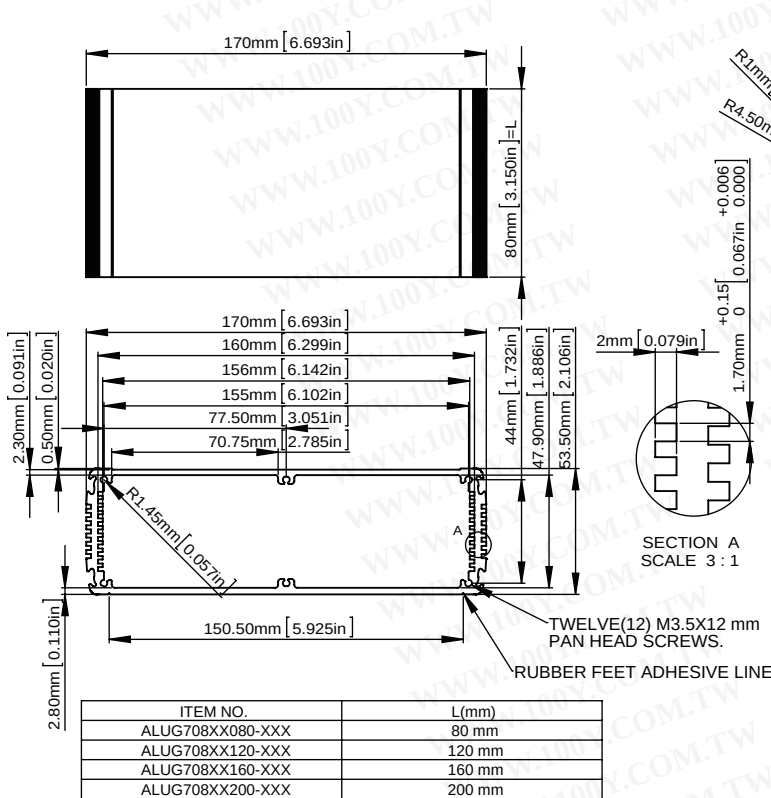
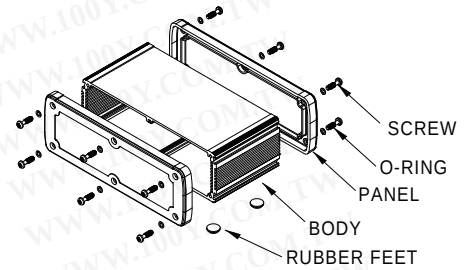
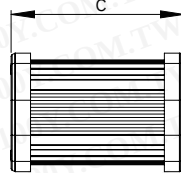
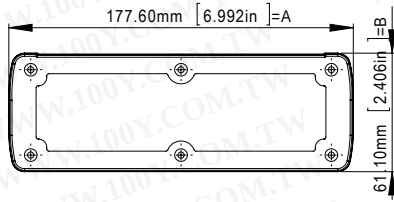
## BODY

| According to ISO 2768-m |            |
|-------------------------|------------|
| Measuring DIM=L         | Tolerances |
| 0.5 < L ≤ 3.0mm         | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm         | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm        | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm      | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm     | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm    | ± 0.8mm    |

# TYPE B

# ALUG708XXXXX-XXX

| ITEM NO          | BODY                                                         | PANEL                                     | O-RING                                  | RUBBER FEET                                                         | SCREW                                                        | EXTERNAL DIMENSION(mm)<br>AXBXC |
|------------------|--------------------------------------------------------------|-------------------------------------------|-----------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------|
| ALUG708GD080-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 177.6X61.1X89 mm                |
| ALUG708SR080-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                         |                                                                     |                                                              |                                 |
| ALUG708RD080-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                         |                                                                     |                                                              |                                 |
| ALUG708BU080-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                         |                                                                     |                                                              |                                 |
| ALUG708BK080-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                         |                                                                     |                                                              |                                 |
| ALUG708GD120-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 177.6X61.1X129 mm               |
| ALUG708SR120-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                         |                                                                     |                                                              |                                 |
| ALUG708RD120-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                         |                                                                     |                                                              |                                 |
| ALUG708BU120-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                         |                                                                     |                                                              |                                 |
| ALUG708BK120-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                         |                                                                     |                                                              |                                 |
| ALUG708GD160-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 177.6X61.1X169 mm               |
| ALUG708SR160-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                         |                                                                     |                                                              |                                 |
| ALUG708RD160-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                         |                                                                     |                                                              |                                 |
| ALUG708BU160-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                         |                                                                     |                                                              |                                 |
| ALUG708BK160-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                         |                                                                     |                                                              |                                 |
| ALUG708GD200-C   | ALUMINIUM EXTRUSION 6063/<br>GOLDEN ANODIZED(PANTONE 4675C)  | UL94-V0 OF POLYCARBONATE/CLEAR            | Ø6X0.5 mm<br>MATERIAL:PC<br>COLOR:CLEAR | Ø12X5 mm MATERIAL:RUBBER<br>(GAINTA ITEM NO:RF-1004)<br>COLOR:BLACK | M3.5X12 mm<br>MATERIAL:STAINLESS SUS 304<br>COLOR:UNFINISHED | 177.6X61.1X209 mm               |
| ALUG708SR200-C   | ALUMINIUM EXTRUSION 6063/<br>SILVER ANODIZED(PANTONE 877C)   | UL94-V0 OF POLYCARBONATE/CLEAR            |                                         |                                                                     |                                                              |                                 |
| ALUG708RD200-IR  | ALUMINIUM EXTRUSION 6063/<br>RED ANODIZED(PANTONE 187C)      | UL94-V0 OF POLYCARBONATE/TRANSLUCENT RED  |                                         |                                                                     |                                                              |                                 |
| ALUG708BU200-CBU | ALUMINIUM EXTRUSION 6063/<br>BLUE ANODIZED(PANTONE 306C)     | UL94-V0 OF POLYCARBONATE/TRANSLUCENT BLUE |                                         |                                                                     |                                                              |                                 |
| ALUG708BK200-BK  | ALUMINIUM EXTRUSION 6063/<br>BLACK ANODIZED(PANTONE BLACK U) | UL94-V0 OF POLYCARBONATE/BLACK            |                                         |                                                                     |                                                              |                                 |



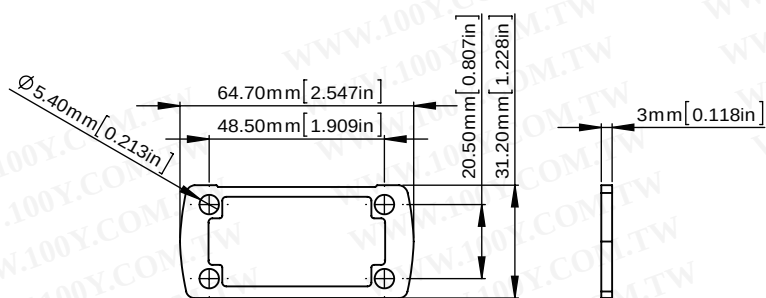
BODY

PANEL

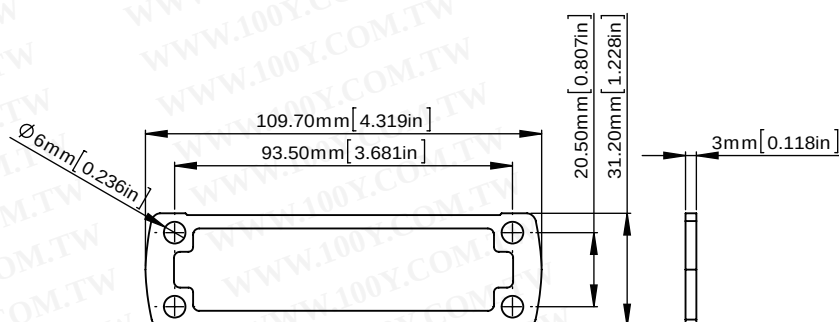
## According to ISO 2768-m

| Measuring DIM=L      | Tolerances |
|----------------------|------------|
| 0.5 < L ≤ 3.0mm      | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm      | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm     | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm   | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm  | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm | ± 0.8mm    |

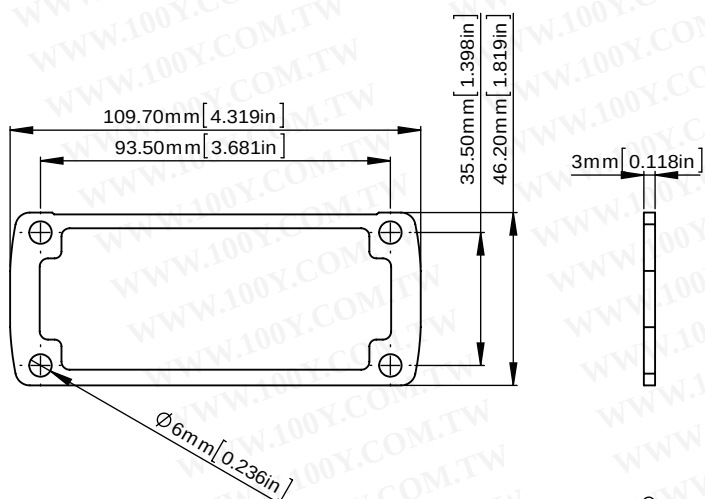
## ALUG702-SEAL



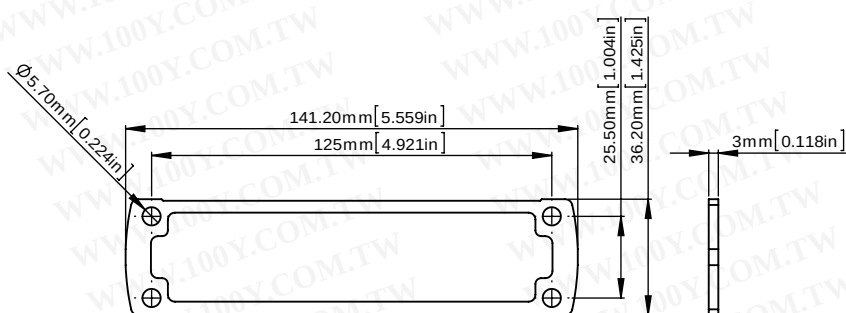
## ALUG704-SEAL



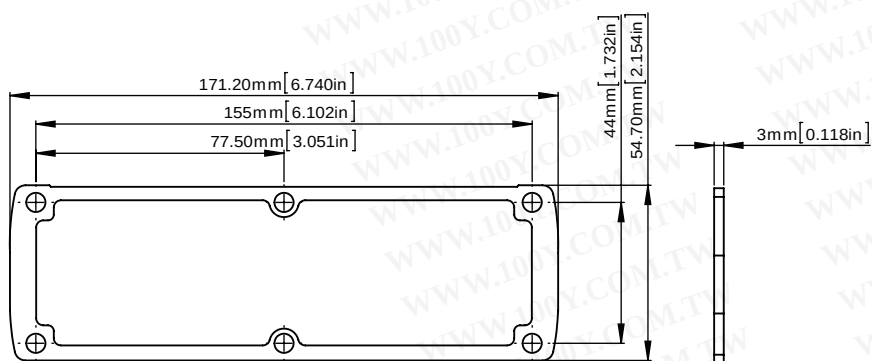
## ALUG705-SEAL



## ALUG706-SEAL



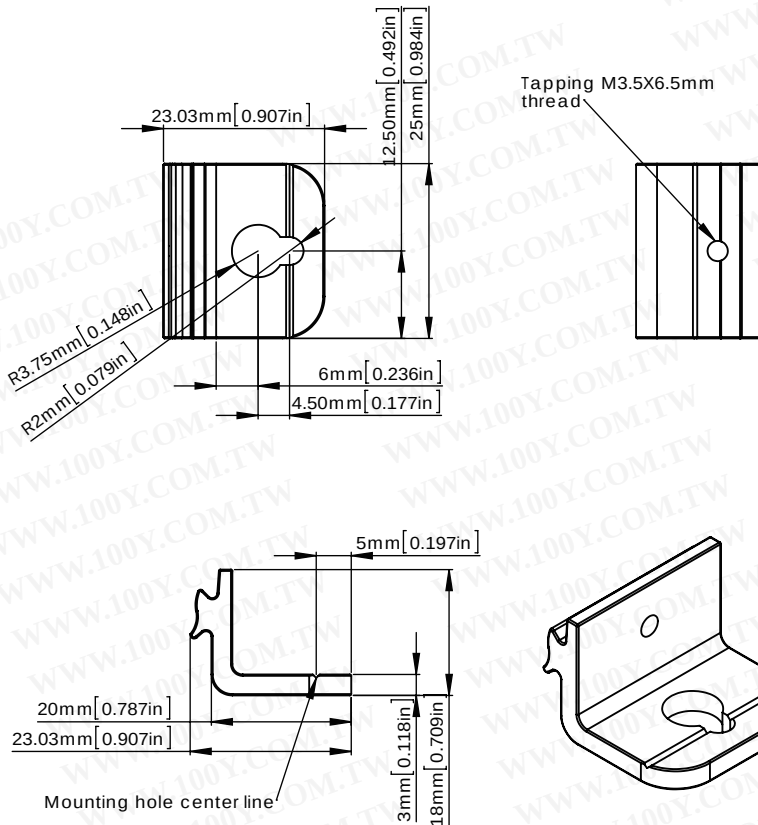
## ALUG708-SEAL



### According to ISO 2768-m

| Measuring DIM=L                  | Tolerances         |
|----------------------------------|--------------------|
| $0.5 < L \leq 3.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $3.0 < L \leq 6.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $6.0 < L \leq 30.0\text{mm}$     | $\pm 0.2\text{mm}$ |
| $30.0 < L \leq 120.0\text{mm}$   | $\pm 0.3\text{mm}$ |
| $120.0 < L \leq 400.0\text{mm}$  | $\pm 0.5\text{mm}$ |
| $400.0 < L \leq 1000.0\text{mm}$ | $\pm 0.8\text{mm}$ |

## ALMF-002PBK



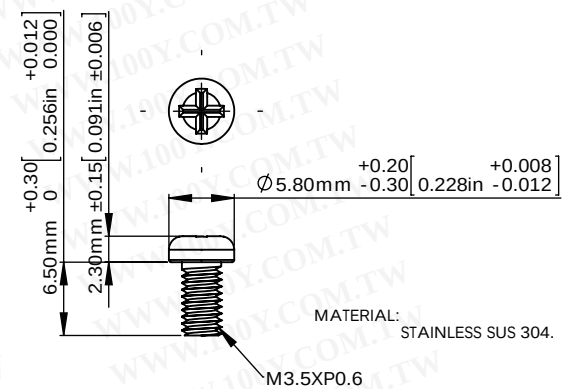
### According to ISO 2768-m

| Measuring DIM=L      | Tolerances |
|----------------------|------------|
| 0.5 < L ≤ 3.0mm      | ± 0.1mm    |
| 3.0 < L ≤ 6.0mm      | ± 0.1mm    |
| 6.0 < L ≤ 30.0mm     | ± 0.2mm    |
| 30.0 < L ≤ 120.0mm   | ± 0.3mm    |
| 120.0 < L ≤ 400.0mm  | ± 0.5mm    |
| 400.0 < L ≤ 1000.0mm | ± 0.8mm    |

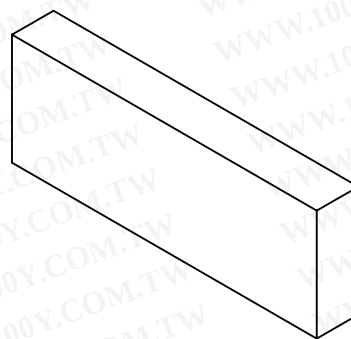
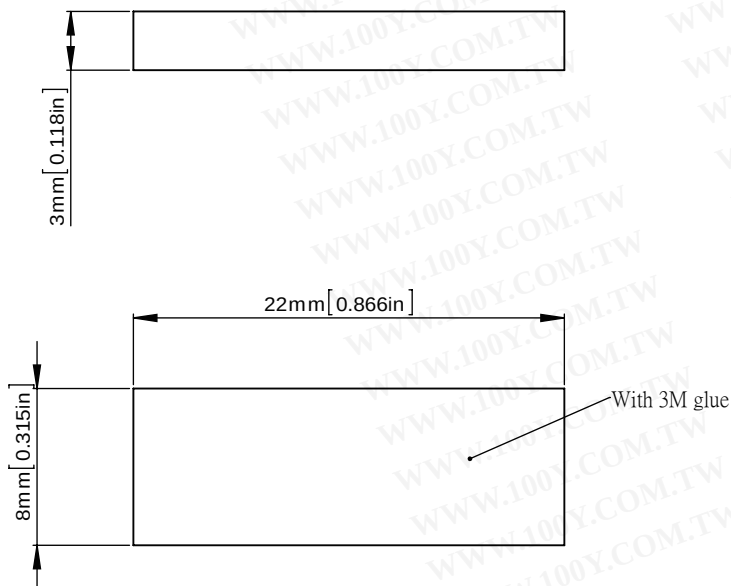
### ALMF-002PBK (1 set) includes

1. 2 psc of mounting brackets & 2 pcs M3.5X6.5mm screws.
2. Color: Painted black (PBK), similar to RAL9005.

### M3.5X6.5mm screws



## ALUG7XX-PCBSTOP



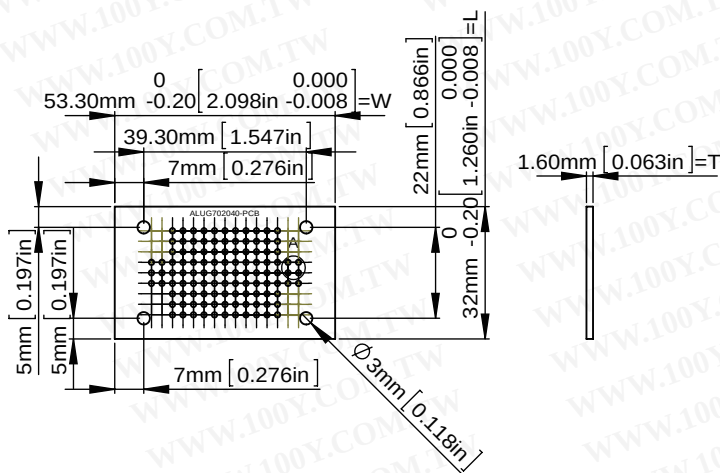
### ALUG7XX-PCBSTOP(1 set) includes

1. 20 pcs/bag of adhesive rubber pads  
< PS : Material : CR ( With 3M glue ) >
2. Color : black

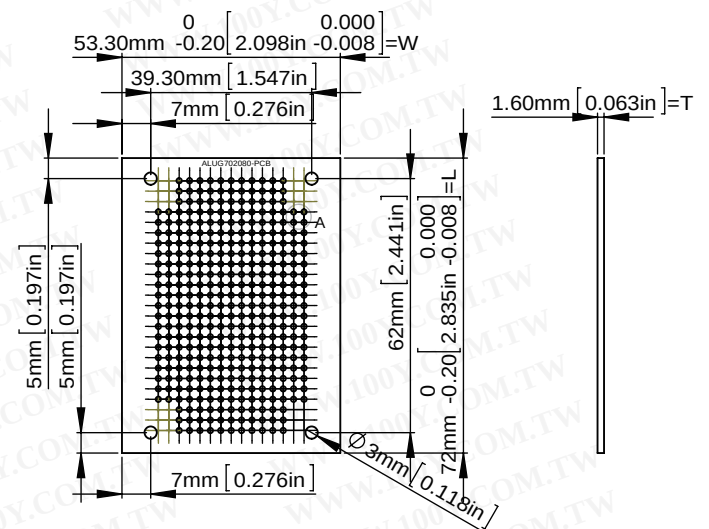
| ALUG702XXX-PCB |          |         |         |
|----------------|----------|---------|---------|
| ITEM           | L        | W       | T       |
| ALUG702040-PCB | 32.0 mm  | 53.3 mm | 1.60 mm |
| ALUG702080-PCB | 72.0 mm  | 53.3 mm | 1.60 mm |
| ALUG702120-PCB | 112.0 mm | 53.3 mm | 1.60 mm |

| According to ISO 2768-m          |                    |
|----------------------------------|--------------------|
| Measuring DIM=L                  | Tolerances         |
| $0.5 < L \leq 3.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $3.0 < L \leq 6.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $6.0 < L \leq 30.0\text{mm}$     | $\pm 0.2\text{mm}$ |
| $30.0 < L \leq 120.0\text{mm}$   | $\pm 0.3\text{mm}$ |
| $120.0 < L \leq 400.0\text{mm}$  | $\pm 0.5\text{mm}$ |
| $400.0 < L \leq 1000.0\text{mm}$ | $\pm 0.8\text{mm}$ |

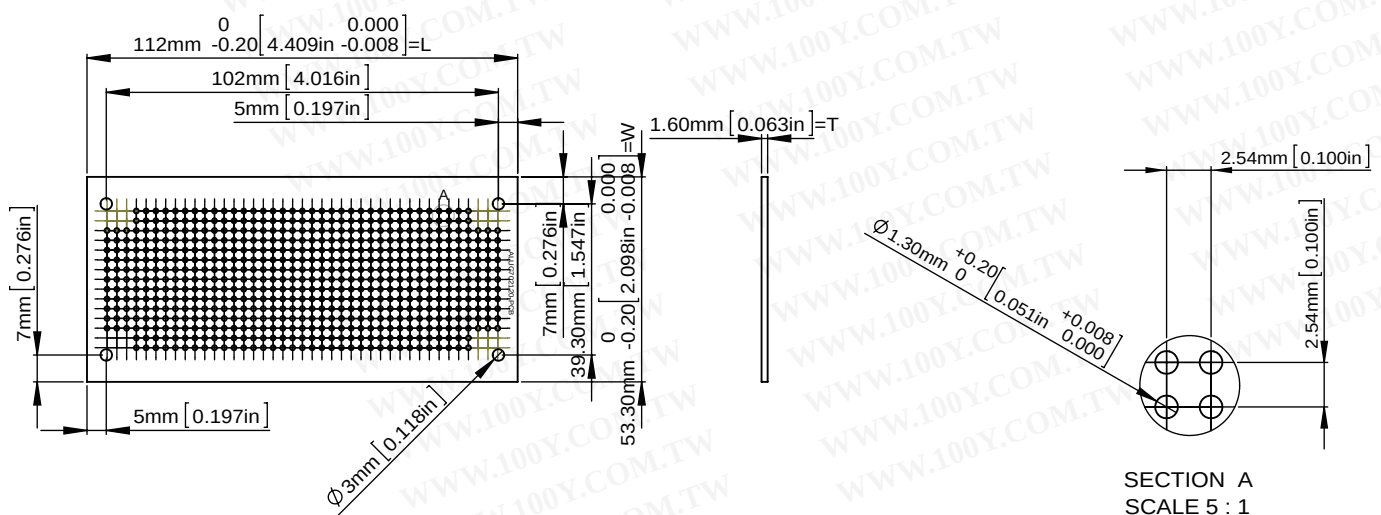
ALUG702040-PCB



ALUG702080-PCB



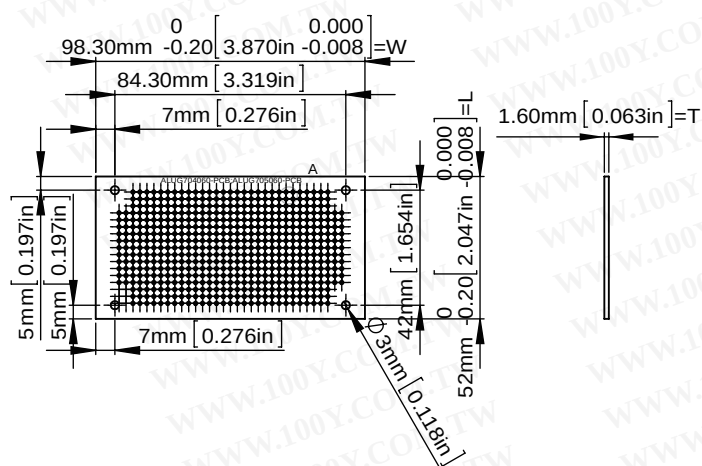
ALUG702120-PCB



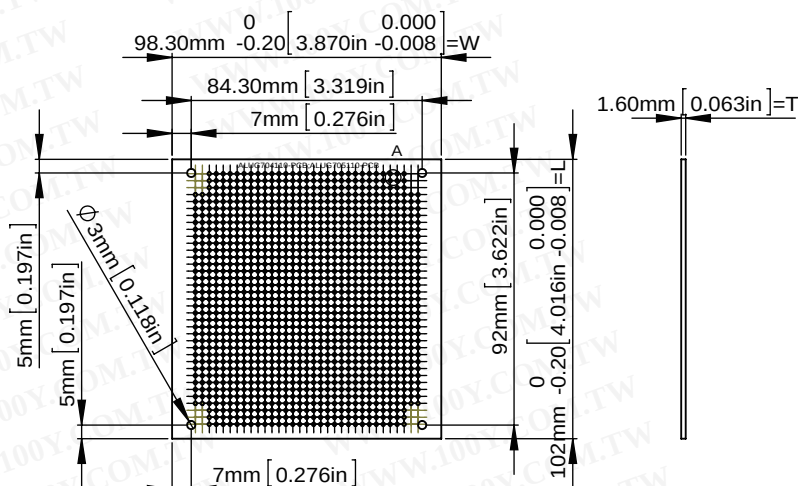
| ALUG704XXX-PCB, ALUG705XXX-PCB |          |         |        |
|--------------------------------|----------|---------|--------|
| ITEM                           | L        | W       | T      |
| ALUG704060-PCB                 | 52.0 mm  | 98.3 mm | 1.6 mm |
| ALUG705060-PCB                 |          |         |        |
| ALUG704110-PCB                 | 102.0 mm | 98.3 mm | 1.6 mm |
| ALUG705110-PCB                 |          |         |        |
| ALUG704160-PCB                 | 152.0 mm | 98.3 mm | 1.6 mm |
| ALUG705160-PCB                 |          |         |        |

| According to ISO 2768-m          |                    |
|----------------------------------|--------------------|
| Measuring DIM=L                  | Tolerances         |
| $0.5 < L \leq 3.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $3.0 < L \leq 6.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $6.0 < L \leq 30.0\text{mm}$     | $\pm 0.2\text{mm}$ |
| $30.0 < L \leq 120.0\text{mm}$   | $\pm 0.3\text{mm}$ |
| $120.0 < L \leq 400.0\text{mm}$  | $\pm 0.5\text{mm}$ |
| $400.0 < L \leq 1000.0\text{mm}$ | $\pm 0.8\text{mm}$ |

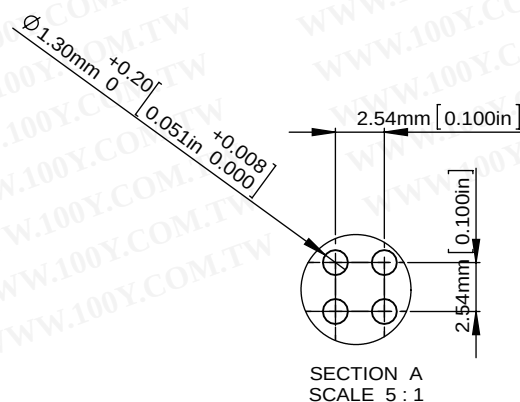
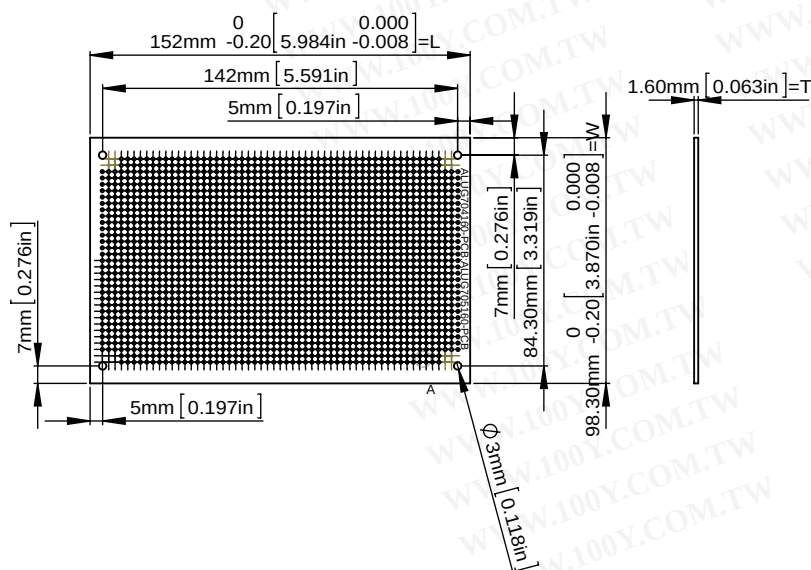
ALUG704060-PCB  
ALUG705060-PCB



ALUG704110-PCB  
ALUG705110-PCB



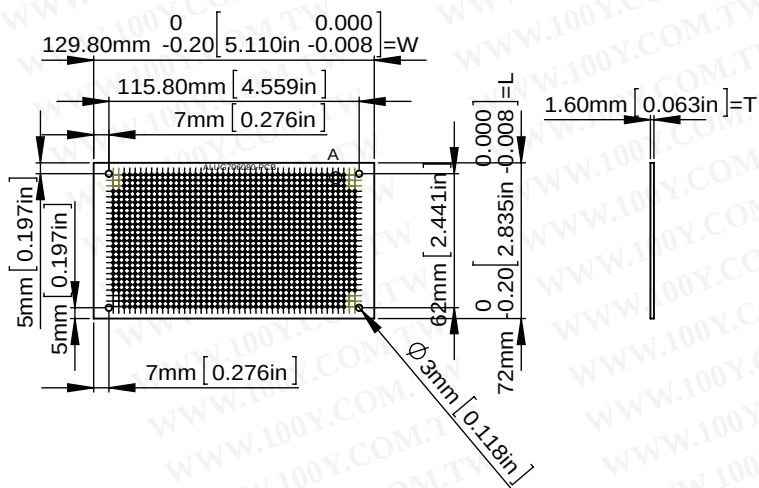
ALUG704160-PCB  
ALUG705160-PCB



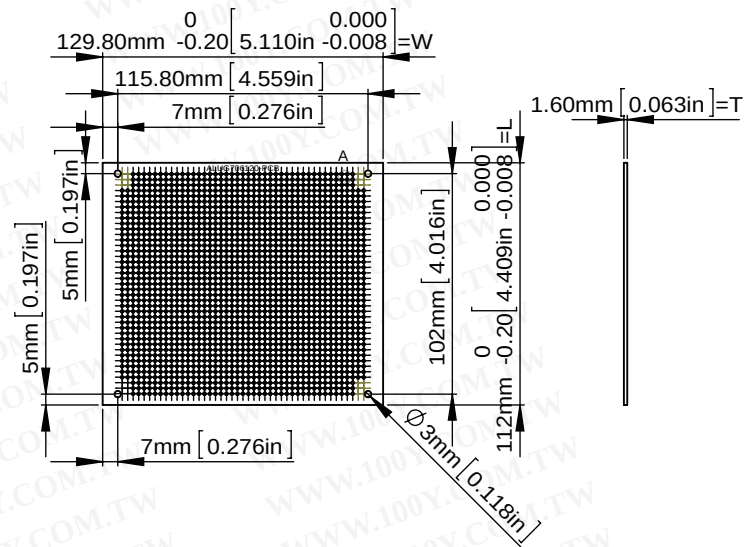
| ALUG706XXX-PCB |          |          |         |
|----------------|----------|----------|---------|
| ITEM           | L        | W        | T       |
| ALUG706080-PCB | 72.0 mm  | 129.8 mm | 1.60 mm |
| ALUG706120-PCB | 112.0 mm | 129.8 mm | 1.60 mm |
| ALUG706160-PCB | 152.0 mm | 129.8 mm | 1.60 mm |
| ALUG706200-PCB | 192.0 mm | 129.8 mm | 1.60 mm |

| According to ISO 2768-m          |                    |
|----------------------------------|--------------------|
| Measuring DIM=L                  | Tolerances         |
| $0.5 < L \leq 3.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $3.0 < L \leq 6.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $6.0 < L \leq 30.0\text{mm}$     | $\pm 0.2\text{mm}$ |
| $30.0 < L \leq 120.0\text{mm}$   | $\pm 0.3\text{mm}$ |
| $120.0 < L \leq 400.0\text{mm}$  | $\pm 0.5\text{mm}$ |
| $400.0 < L \leq 1000.0\text{mm}$ | $\pm 0.8\text{mm}$ |

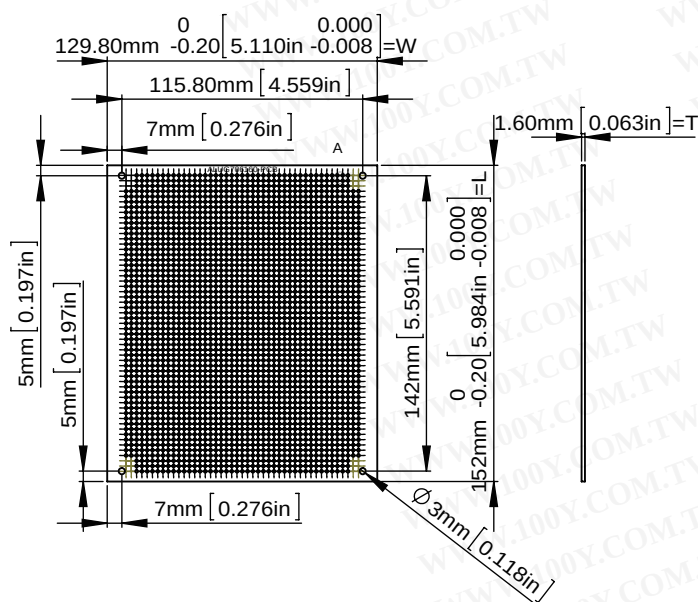
ALUG706080-PCB



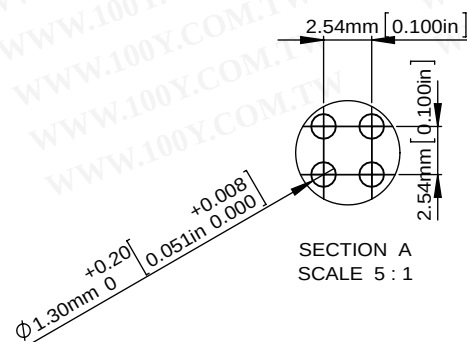
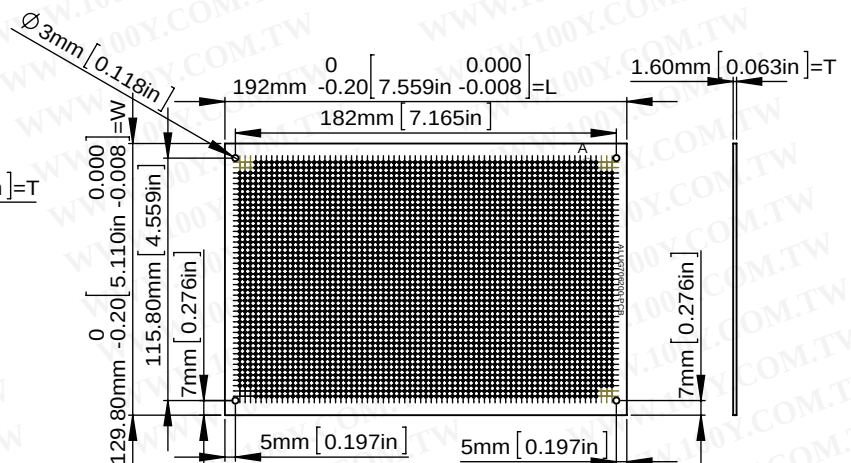
ALUG706120-PCB



ALUG706160-PCB



ALUG706200-PCB

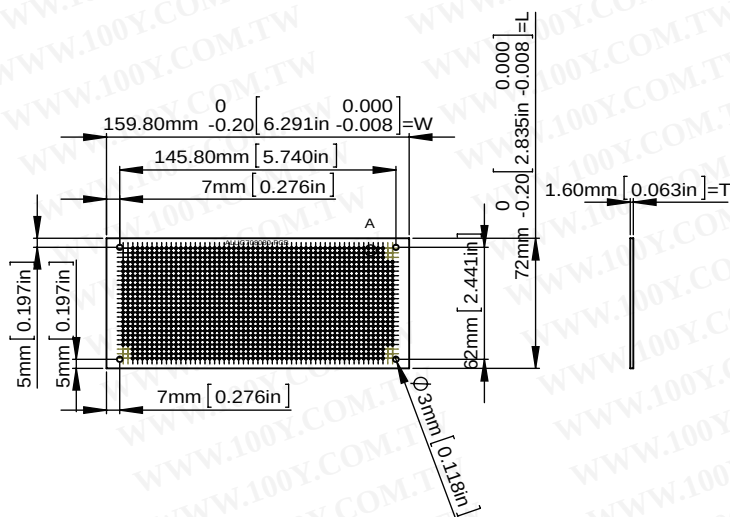


SECTION A  
SCALE 5 : 1

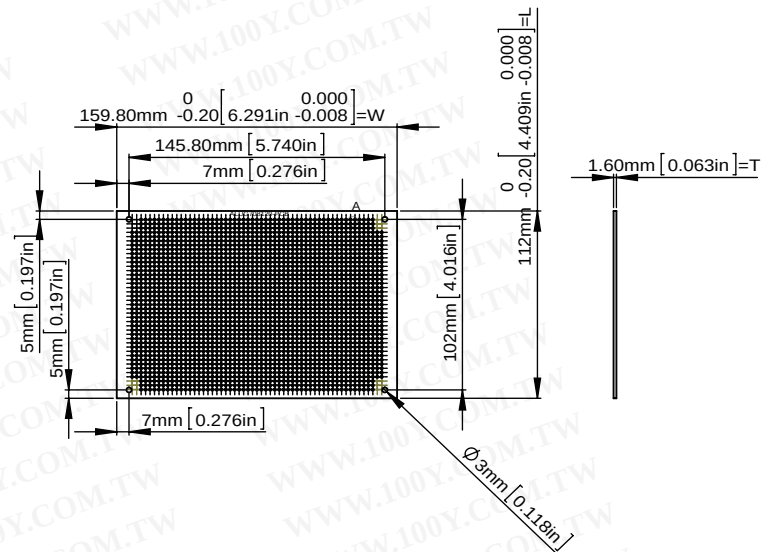
| ALUG708XXX-PCB |          |          |        |
|----------------|----------|----------|--------|
| ITEM           | L        | W        | T      |
| ALUG708080-PCB | 72.0 mm  | 159.8 mm | 1.6 mm |
| ALUG708120-PCB | 112.0 mm | 159.8 mm | 1.6 mm |
| ALUG708160-PCB | 152.0 mm | 159.8 mm | 1.6 mm |
| ALUG708200-PCB | 192.0 mm | 159.8 mm | 1.6 mm |

| According to ISO 2768-m          |                    |
|----------------------------------|--------------------|
| Measuring DIM=L                  | Tolerances         |
| $0.5 < L \leq 3.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $3.0 < L \leq 6.0\text{mm}$      | $\pm 0.1\text{mm}$ |
| $6.0 < L \leq 30.0\text{mm}$     | $\pm 0.2\text{mm}$ |
| $30.0 < L \leq 120.0\text{mm}$   | $\pm 0.3\text{mm}$ |
| $120.0 < L \leq 400.0\text{mm}$  | $\pm 0.5\text{mm}$ |
| $400.0 < L \leq 1000.0\text{mm}$ | $\pm 0.8\text{mm}$ |

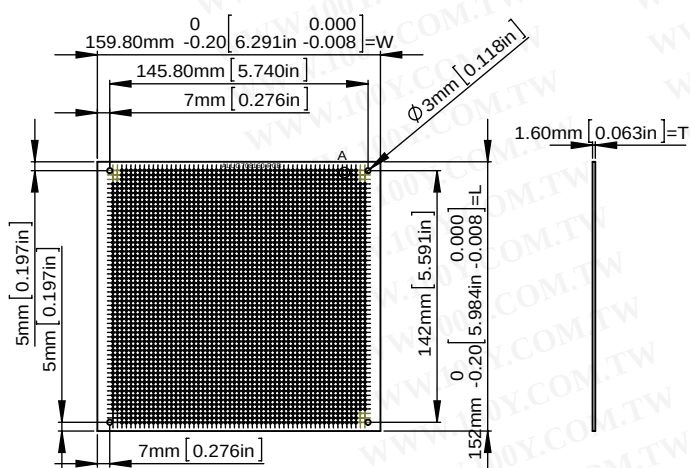
ALUG708080-PCB



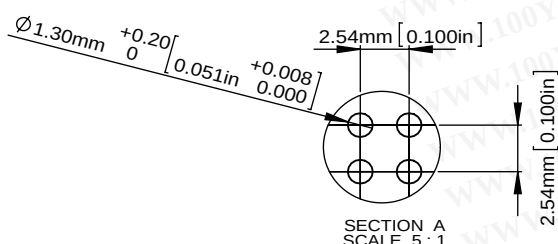
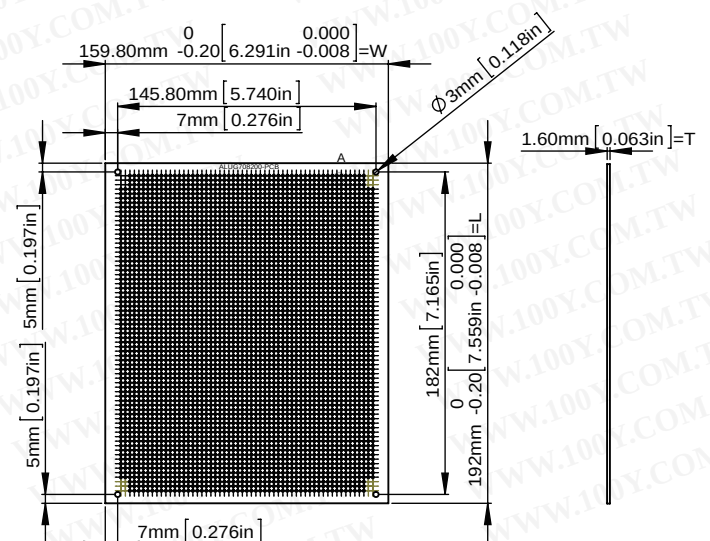
ALUG708120-PCB

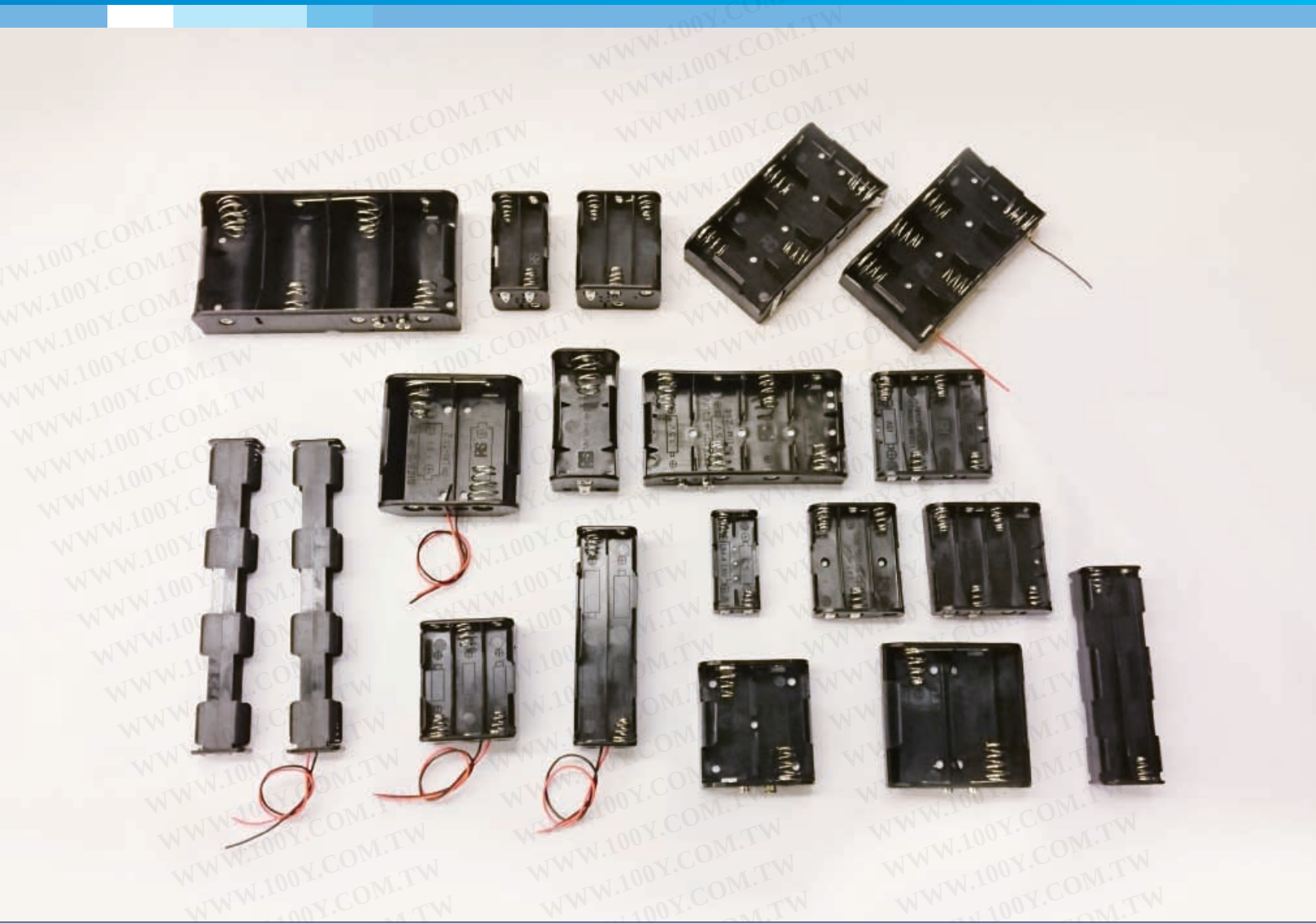


ALUG708160-PCB



ALUG708200-PCB





## PRODUCT INFORMATION

- TYPE A=> Wire lead type of battery holder and clip
- TYPE B=> PCB mounted type of battery holder
- TYPE C=> Snap connector type of battery holder
- TYPE D=> Solder lug type of battery holder

◆ **TYPE A**  
Wire lead type  
[ Battery holder ]



[ Battery clip ]



◆ **TYPE B**  
PCB mounted type



◆ **TYPE C**  
Snap connector type



◆ **TYPE D**  
Solder lug type





Battery type:



| Part No.            | Description                                 |
|---------------------|---------------------------------------------|
| <b>GSN-9V-1A</b>    | 9V BATTERY HOLDER WITH 150MM OF WIRES       |
| ● <b>GSN-11-1PP</b> | 1 X D BATTERY HOLDER WITH 150 MM OF WIRES   |
| ● <b>GSN-12-1PP</b> | 2 X D BATTERY HOLDER WITH 150 MM OF WIRES   |
| ● <b>GSN-14-2PP</b> | 4 X D BATTERY HOLDER WITH 150 MM OF WIRES   |
| ● <b>GSN-16-1PP</b> | 6 X D BATTERY HOLDER WITH 150 MM OF WIRES   |
| ● <b>GSN-22-1PP</b> | 2 X C BATTERY HOLDER WITH 150 MM OF WIRES   |
| ● <b>GSN-24-2PP</b> | 4 X C BATTERY HOLDER WITH 150 MM OF WIRES   |
| ● <b>GSN-31-1PP</b> | 1 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| <b>GSN-32-2PP</b>   | 2 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| ● <b>GSN-32-1PP</b> | 2 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| ● <b>GSN-33-1PP</b> | 3 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| <b>GSN-34-2PP</b>   | 4 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| ● <b>GSN-34-1PP</b> | 4 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| ● <b>GSN-36-2PP</b> | 6 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| ● <b>GSN-36-1PP</b> | 6 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| <b>GSN-42-1PP</b>   | 2 X AAA BATTERY HOLDER WITH 150 MM OF WIRES |
| ● <b>GSN-38-2PP</b> | 8 X AA BATTERY HOLDER WITH 150 MM OF WIRES  |
| <b>GSN-44-1PP</b>   | 4 X AAA BATTERY HOLDER WITH 150 MM OF WIRES |

● New product

| Plastic Material | Spring / Finish        | Terminal / Finish      | Wire                                   |
|------------------|------------------------|------------------------|----------------------------------------|
| PP               | Steel / Nickel plating | Brass / Nickel plating | AWG26(UL1007), red/black, length:150mm |

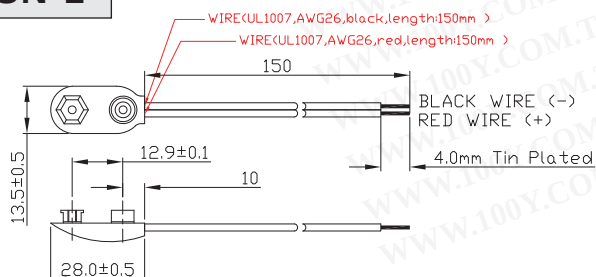
## Wire lead type of battery Clip



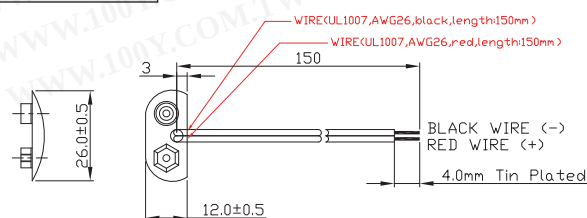
| Part No.     | Description                                   |
|--------------|-----------------------------------------------|
| <b>GSN-1</b> | 9V BATTERY CLIP WITH 150 MM OF WIRES <SIDE>   |
| <b>GSN-2</b> | 9V BATTERY CLIP WITH 150 MM OF WIRES <MIDDLE> |

| Plastic Material | Female / male Snap     | Wire                                   |
|------------------|------------------------|----------------------------------------|
| PVC              | Brass / Nickel plating | AWG26(UL1007), red/black, length:150mm |

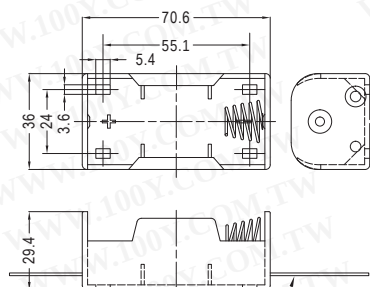
**GSN-1**



**GSN-2**

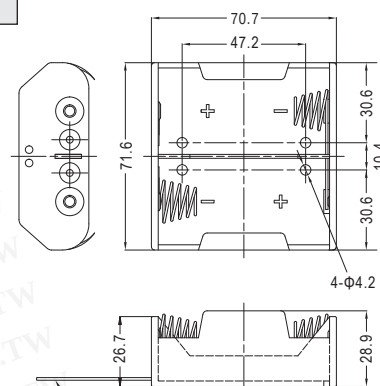


**GSN-11-1PP**



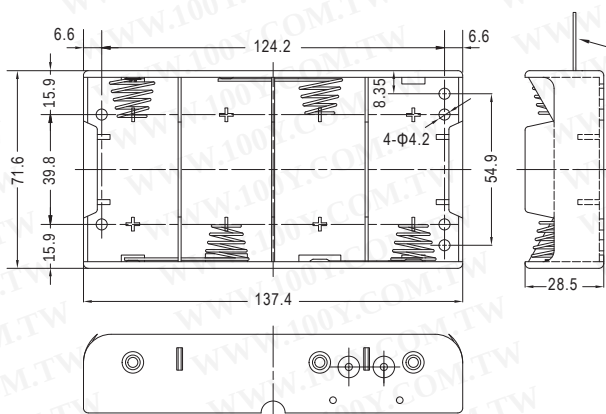
AWG26(UL1007), red/black, length:150mm

**GSN-12-1PP**



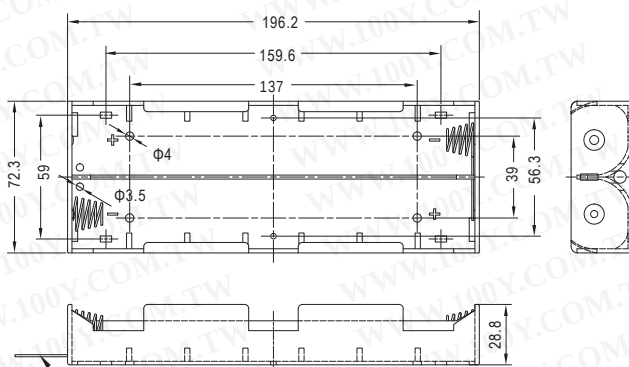
AWG26(UL1007), red/black, length:150mm

**GSN-14-2PP**



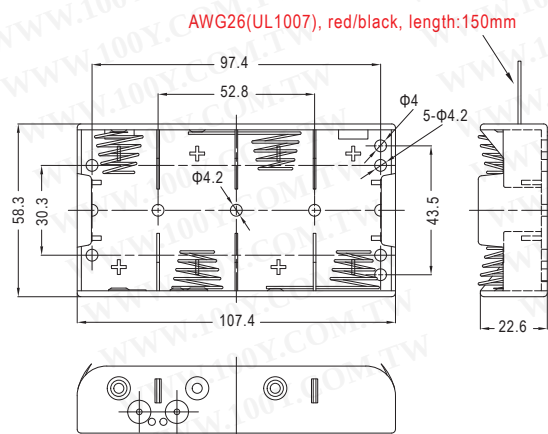
AWG26(UL1007), red/black, length:150mm

**GSN-16-1PP**



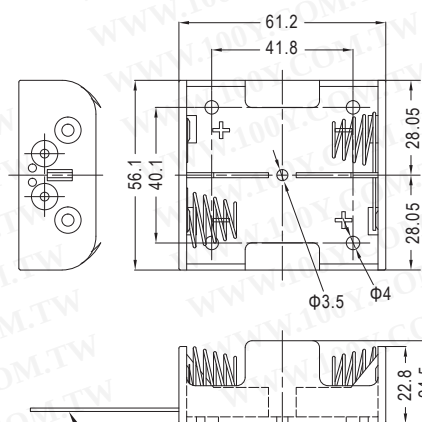
AWG26(UL1007), red/black, length:150mm

**GSN-24-2PP**



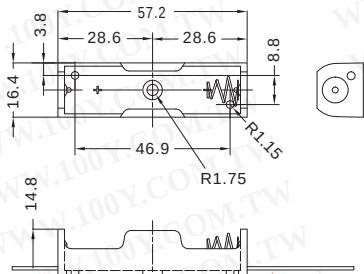
AWG26(UL1007), red/black, length:150mm

**GSN-22-1PP**



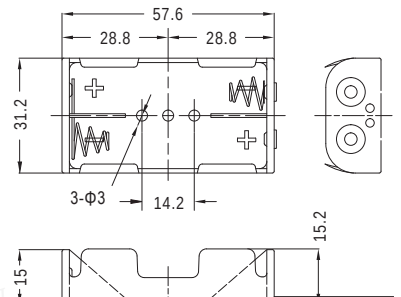
AWG26(UL1007), red/black, length:150mm

**GSN-31-1PP**



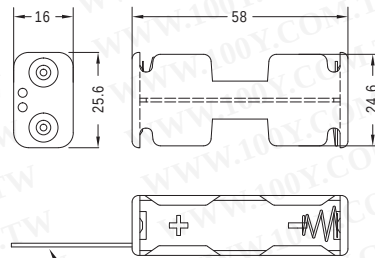
AWG26(UL1007), red/black, length:150mm

**GSN-32-2PP**



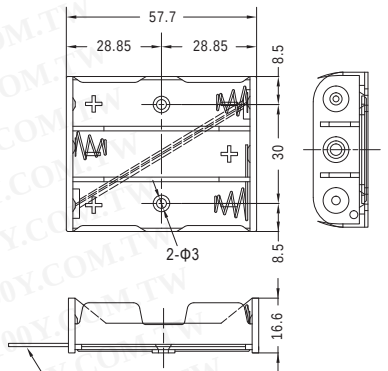
AWG26(UL1007), red/black, length:150mm

**GSN-32-1PP**



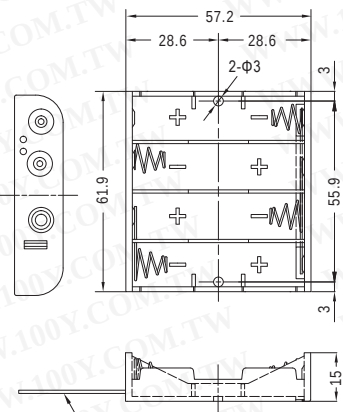
AWG26(UL1007), red/black, length:150mm

**GSN-33-1PP**



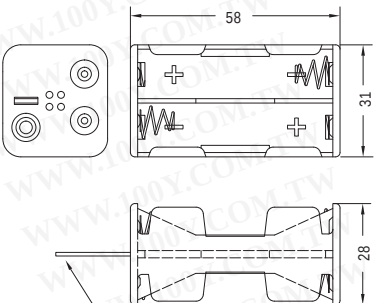
AWG26(UL1007), red/black, length:150mm

**GSN-34-2PP**



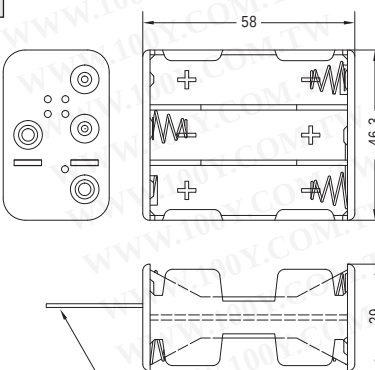
AWG26(UL1007), red/black, length:150mm

**GSN-34-1PP**



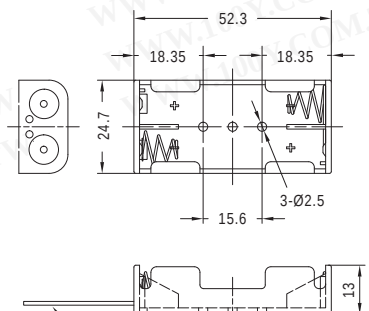
AWG26(UL1007), red/black, length:150mm

**GSN-36-1PP**



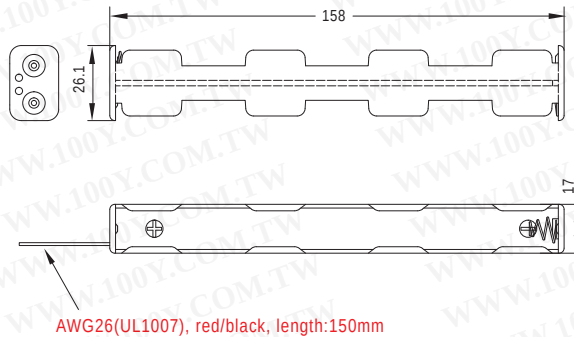
AWG26(UL1007), red/black, length:150mm

**GSN-42-1PP**

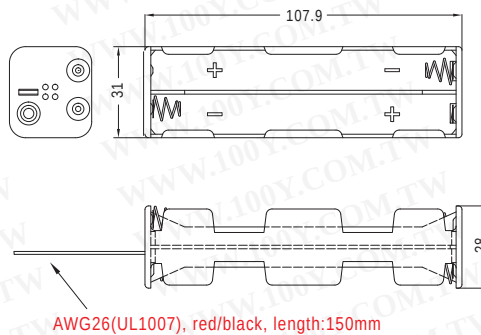


AWG26(UL1007), red/black, length:150mm

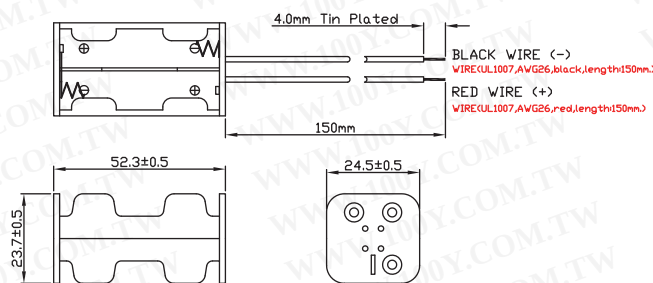
**GSN-36-2PP**



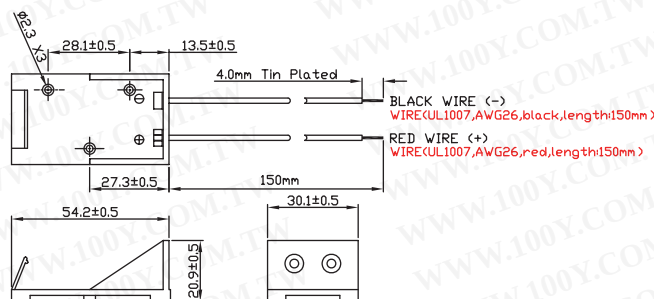
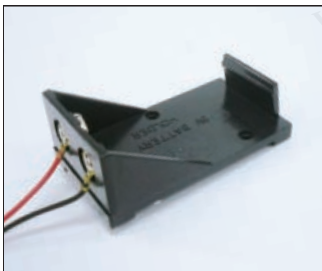
**GSN-38-2PP**



**GSN-44-1PP**



**GSN-9V-1A**



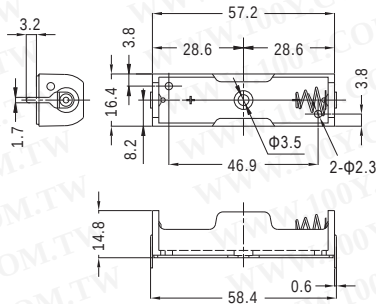
**NEW**



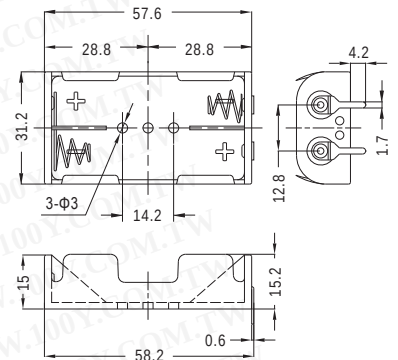
| Part No.          | Description                        |
|-------------------|------------------------------------|
| <b>GSN-31-1PM</b> | 1 X AA BATTERY HOLDER WITH PC PIN  |
| <b>GSN-32-2PM</b> | 2 X AA BATTERY HOLDER WITH PC PIN  |
| <b>GSN-33-1PM</b> | 3 X AA BATTERY HOLDER WITH PC PIN  |
| <b>GSN-34-2PM</b> | 4 X AA BATTERY HOLDER WITH PC PIN  |
| <b>GSN-42-1PM</b> | 2 X AAA BATTERY HOLDER WITH PC PIN |

| Plastic Material | Spring / Finish        | Terminal / Finish      | PC PIN                 |
|------------------|------------------------|------------------------|------------------------|
| PP               | Steel / Nickel plating | Brass / Nickel plating | Steel / Nickel plating |

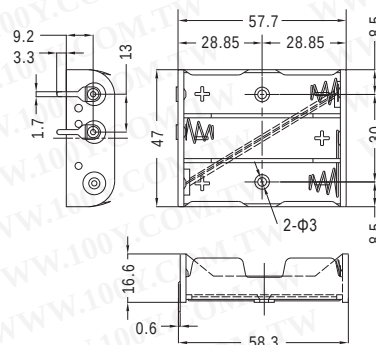
**GSN-31-1PM**



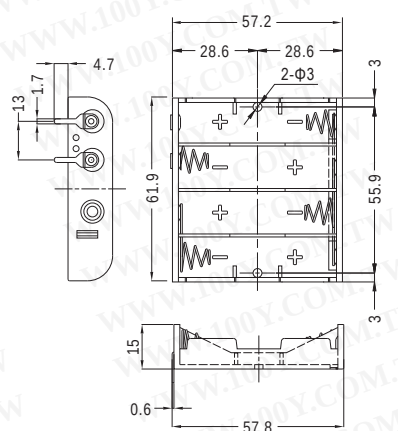
**GSN-32-2PM**



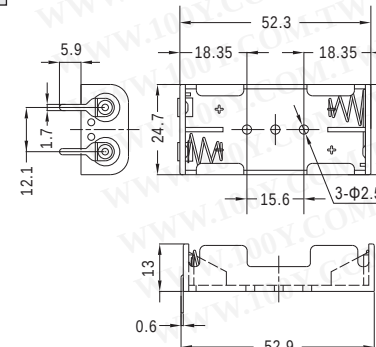
**GSN-33-1PM**



**GSN-34-2PM**



**GSN-42-1PM**



**NEW**



| Part No.          | Description                              |
|-------------------|------------------------------------------|
| <b>GSN-12-1SC</b> | 2 X D BATTERY HOLDER WITH SNAP TERMINAL  |
| <b>GSN-14-2SC</b> | 4 X D BATTERY HOLDER WITH SNAP TERMINAL  |
| <b>GSN-22-1SC</b> | 2 X C BATTERY HOLDER WITH SNAP TERMINAL  |
| <b>GSN-24-2SC</b> | 4 X C BATTERY HOLDER WITH SNAP TERMINAL  |
| <b>GSN-32-2SC</b> | 2 X AA BATTERY HOLDER WITH SNAP TERMINAL |
| <b>GSN-33-1SC</b> | 3 X AA BATTERY HOLDER WITH SNAP TERMINAL |
| <b>GSN-34-2SC</b> | 4 X AA BATTERY HOLDER WITH SNAP TERMINAL |

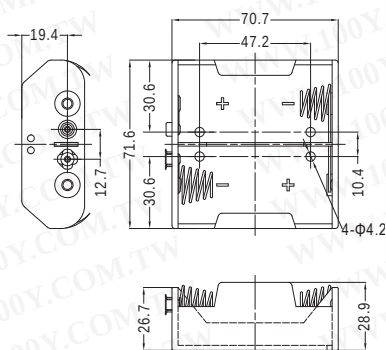
**Battery type:**



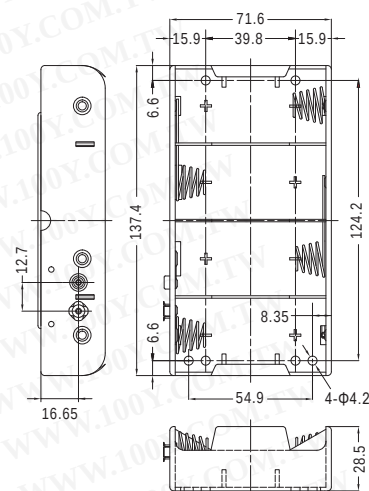
**D C AA**

| Plastic Material | Spring / Finish        | Terminal / Finish      |
|------------------|------------------------|------------------------|
| PP               | Steel / Nickel plating | Brass / Nickel plating |

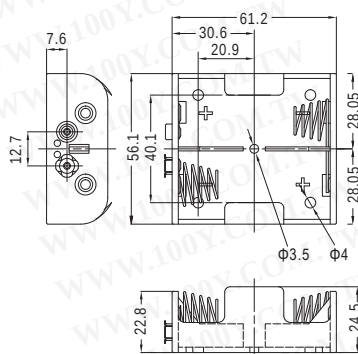
**GSN-12-1SC**



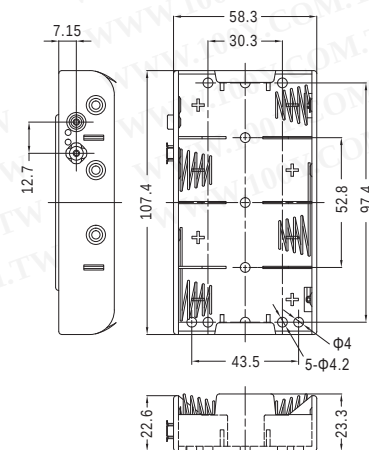
**GSN-14-2SC**



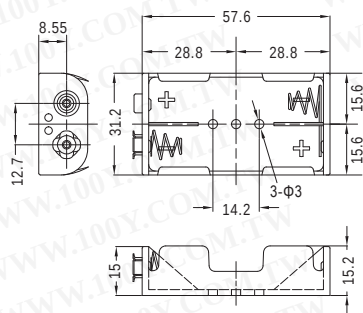
**GSN-22-1SC**



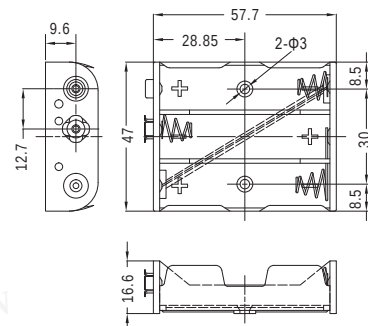
**GSN-24-2SC**



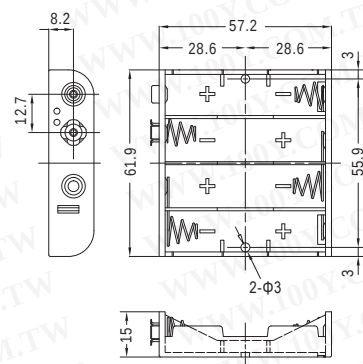
**GSN-32-2SC**



**GSN-33-1SC**



**GSN-34-2SC**



**NEW**



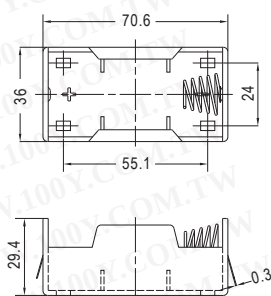
**Battery type:**



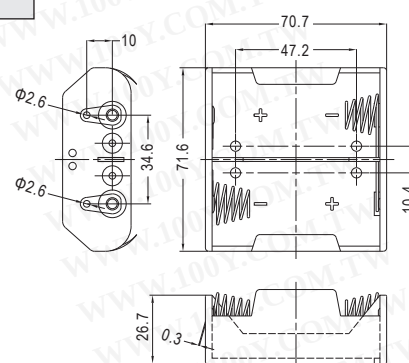
| Part No.          | Description                            |
|-------------------|----------------------------------------|
| <b>GSN-11-1SL</b> | 1 X D BATTERY HOLDER WITH SOLDER LUG   |
| <b>GSN-12-1SL</b> | 2 X D BATTERY HOLDER WITH SOLDER LUG   |
| <b>GSN-14-2SL</b> | 4 X D BATTERY HOLDER WITH SOLDER LUG   |
| <b>GSN-16-1SL</b> | 6 X D BATTERY HOLDER WITH SOLDER LUG   |
| <b>GSN-22-1SL</b> | 2 X C BATTERY HOLDER WITH SOLDER LUG   |
| <b>GSN-24-2SL</b> | 4 X C BATTERY HOLDER WITH SOLDER LUG   |
| <b>GSN-31-1SL</b> | 1 X AA BATTERY HOLDER WITH SOLDER LUG  |
| <b>GSN-32-2SL</b> | 2 X AA BATTERY HOLDER WITH SOLDER LUG  |
| <b>GSN-32-1SL</b> | 2 X AA BATTERY HOLDER WITH SOLDER LUG  |
| <b>GSN-33-1SL</b> | 3 X AA BATTERY HOLDER WITH SOLDER LUG  |
| <b>GSN-34-2SL</b> | 4 X AA BATTERY HOLDER WITH SOLDER LUG  |
| <b>GSN-34-1SL</b> | 4 X AA BATTERY HOLDER WITH SOLDER LUG  |
| <b>GSN-36-2SL</b> | 6 X AA BATTERY HOLDER WITH SOLDER LUG  |
| <b>GSN-36-1SL</b> | 6 X AA BATTERY HOLDER WITH SOLDER LUG  |
| <b>GSN-42-1SL</b> | 2 X AAA BATTERY HOLDER WITH SOLDER LUG |
| <b>GSN-38-2SL</b> | 8 X AA BATTERY HOLDER WITH SOLDER LUG  |

| Holder Material | Spring / Finish        | Terminal / Finish      | Solder lug             |
|-----------------|------------------------|------------------------|------------------------|
| PP              | Steel / Nickel plating | Brass / Nickel plating | Brass / Nickel plating |

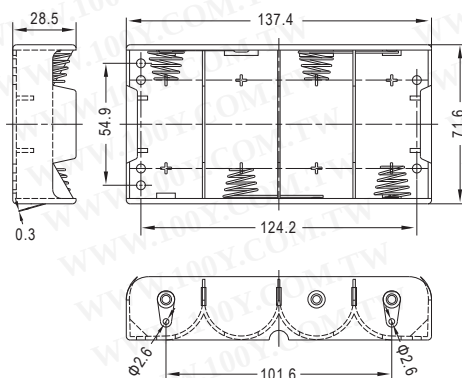
### GSN-11-1SL



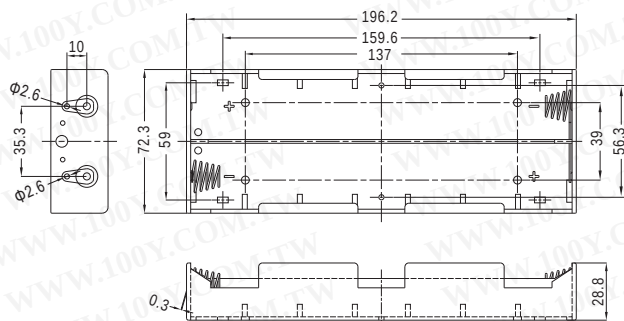
### GSN-12-1SL



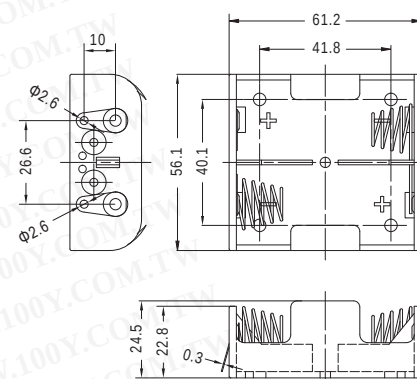
### GSN-14-2SL



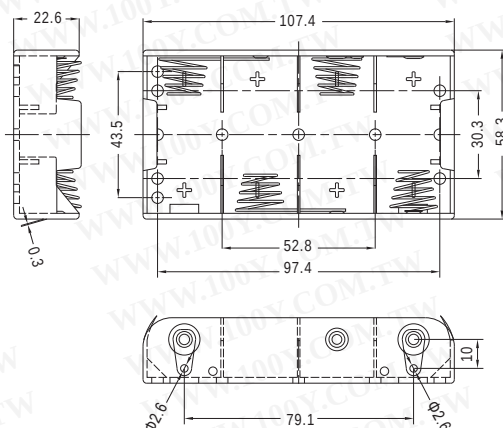
**GSN-16-1SL**



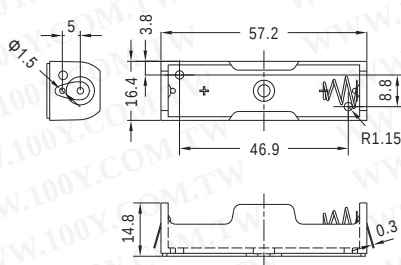
**GSN-22-1SL**



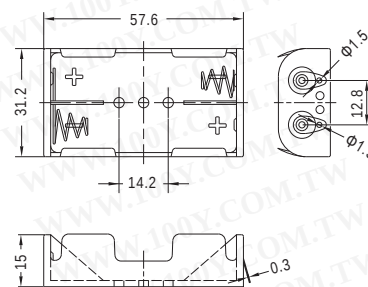
**GSN-24-2SL**



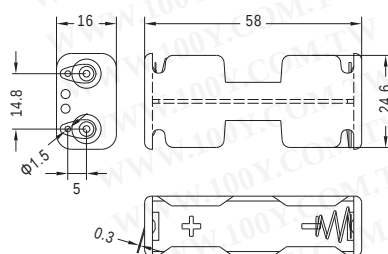
**GSN-31-1SL**



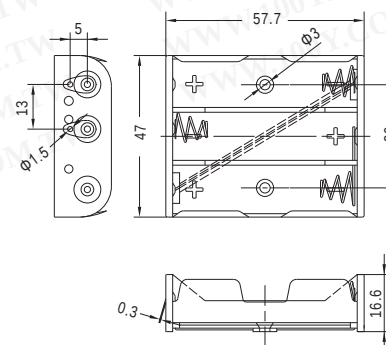
**GSN-32-2SL**



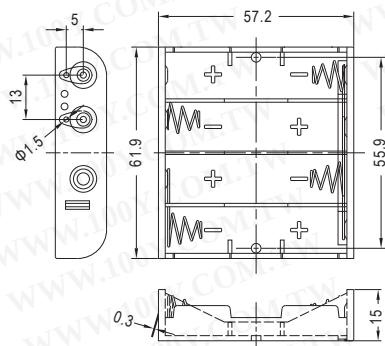
**GSN-32-1SL**



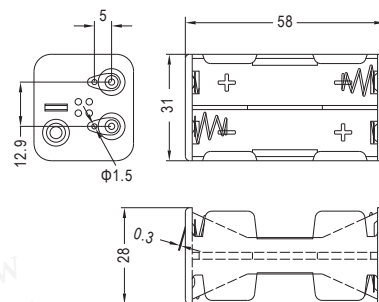
**GSN-33-1SL**



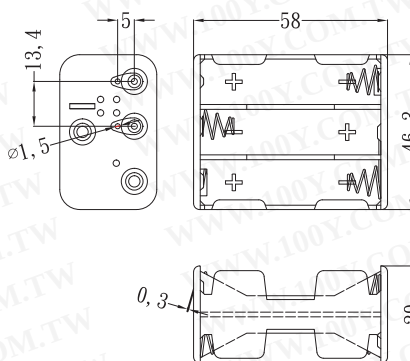
**GSN-34-2SL**



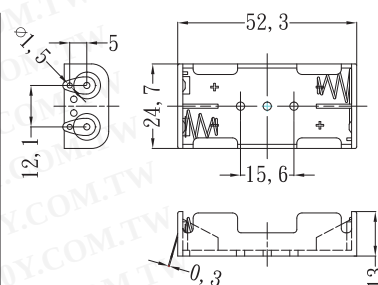
**GSN-34-1SL**



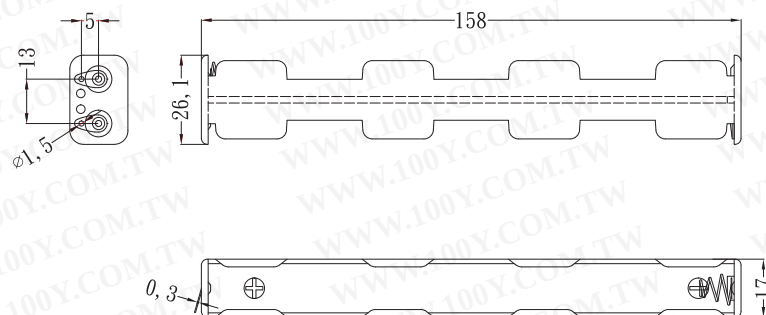
**GSN-36-1SL**



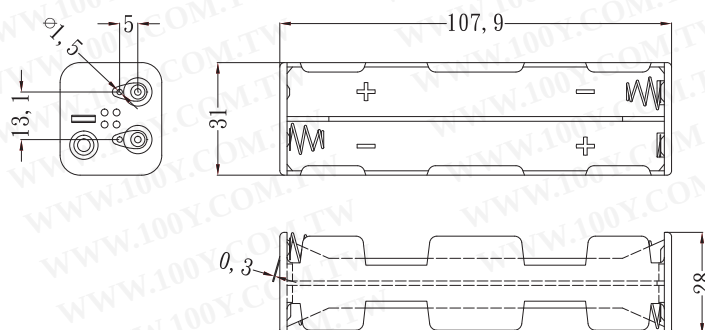
**GSN-42-1SL**



**GSN-36-2SL**



**GSN-38-2SL**

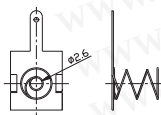
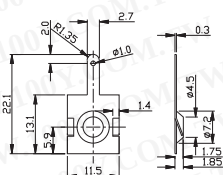


## Battery Contact Kits ("AA")

**G0311**



30310-000(X1)+30320-000(X1)



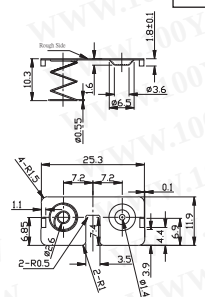
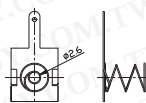
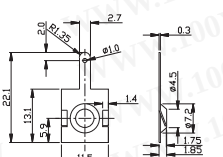
30310-000

30320-000

**G0310**



30310-000(X1)+30320-000(X1)+30500-000(X1)



30310-000

30320-000

30500-000

| Part no.     | Battery      |
|--------------|--------------|
| <b>G0311</b> | AA (UM3) X 1 |
| <b>G0310</b> | AA (UM3) X 2 |
| <b>G0313</b> | AA (UM3) X 3 |
| <b>G0312</b> | AA (UM3) X 4 |

|          | Metal Parts      | Spring        |
|----------|------------------|---------------|
| Material | SPTE (tin plate) | Steel         |
| Finish   | Tin plated       | Nickel plated |

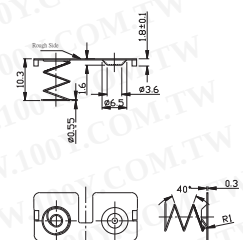
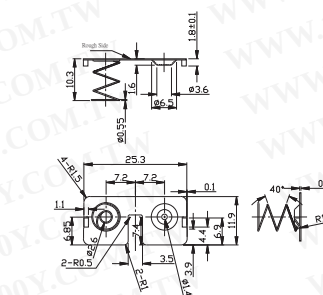
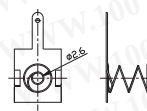
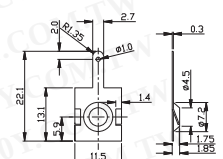
- Example: G909G with G0310



**G0313**



30310-000(X1)+30320-000(X1)+30500-000(X1)+30500-040(X1)



30310-000

30320-000

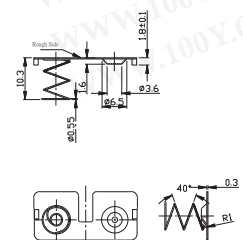
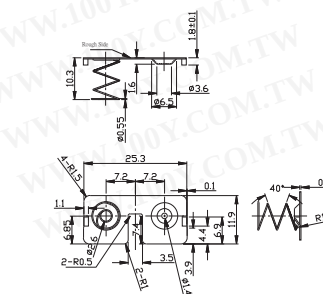
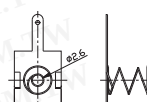
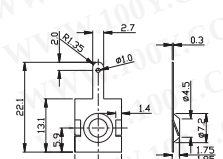
30500-000

30500-040

**G0312**



30310-000(X1)+30320-000(X1)+30500-000(X1)+30500-040(X2)



30310-000

30320-000

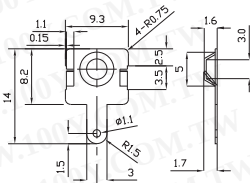
30500-000

30500-040

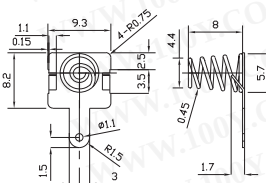
# Battery Contact Kits ("AAA")

## G0411

70978-000(X1)+70979-000



70978-000



70979-000

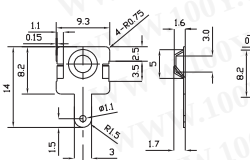
AAA (UM4)



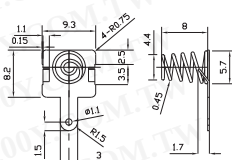
| Part no.     | Battery       |
|--------------|---------------|
| <b>G0411</b> | AAA (UM4) X 1 |
| <b>G0410</b> | AAA (UM4) X 2 |
| <b>G0413</b> | AAA (UM4) X 3 |
| <b>G0412</b> | AAA (UM4) X 4 |

## G0410

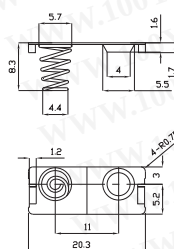
70978-000(X1)+70979-000(X1)+70980-000(X1)



70978-000



70979-000



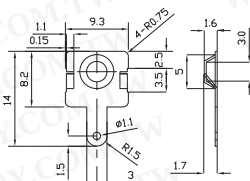
70980-000

● Example: G808B(BC) with G0412

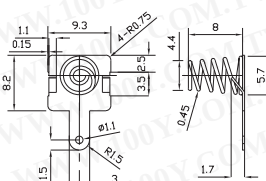


## G0413

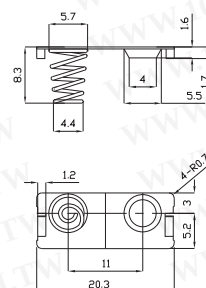
70978-000(X1)+70979-000(X1)+70980-000(X1)+70980-040(X1)



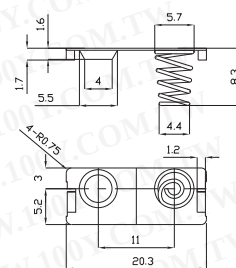
70978-000



70979-000



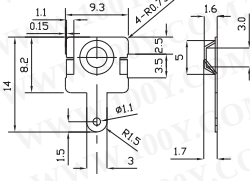
70980-000



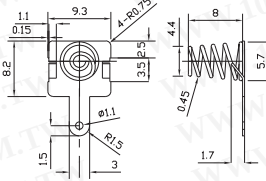
70980-040

## G0412

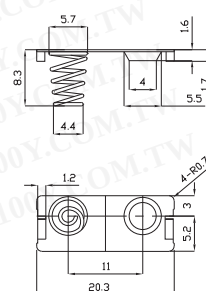
70978-000(X1)+70979-000(X1)+70980-000(X1)+70980-040(X2)



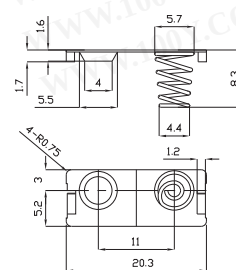
70978-000



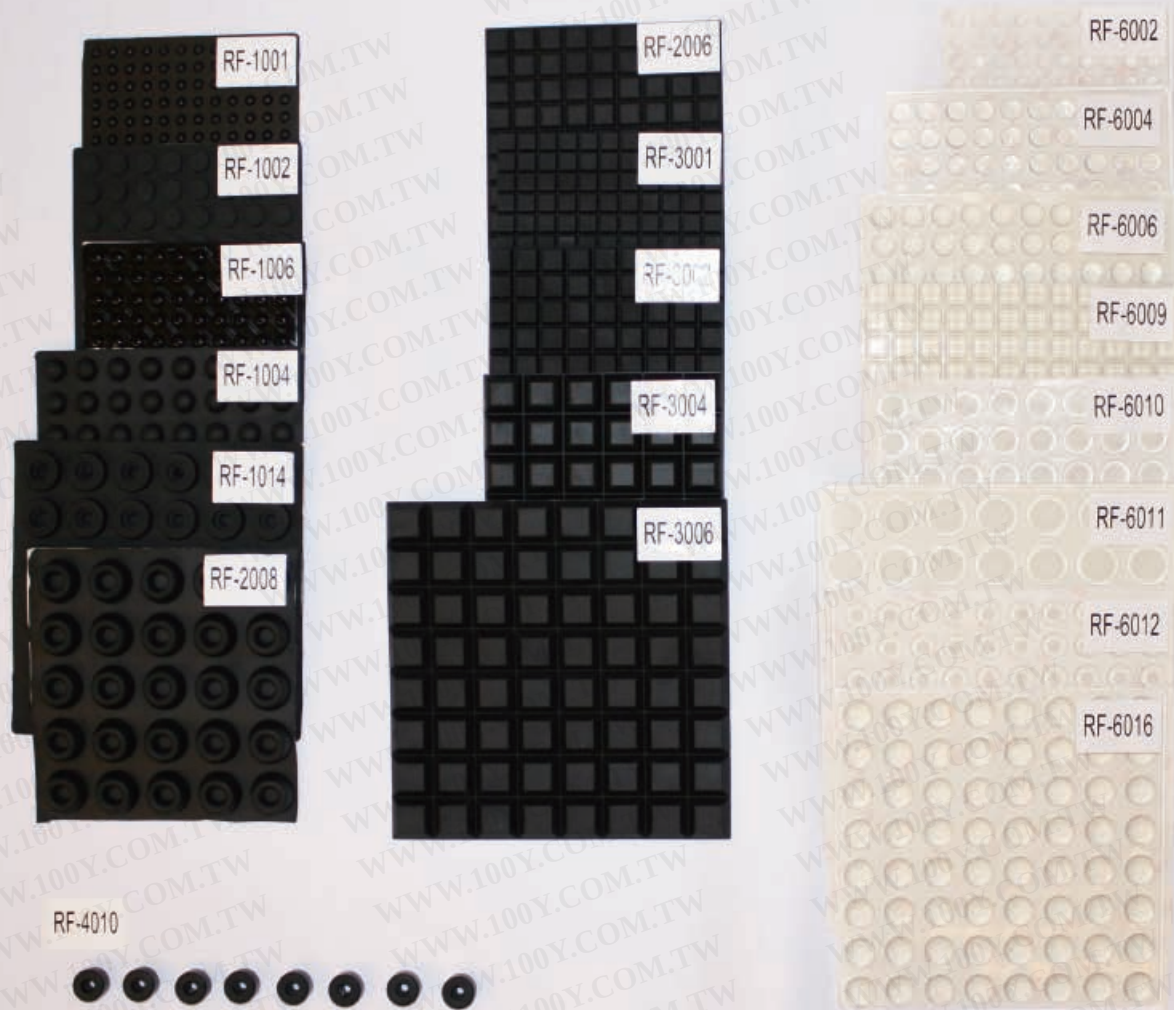
70979-000



70980-000



70980-040



## PRODUCT INFORMATION

- Self-adhesive(with 3M glue)
- Flat-round, square, round style are available for selection.
- Rubber is black.
- PU is clear.
- Designed to meet with RoHS compliance.

| Item Number               | Material | Description            | External Dimension(mm)    |
|---------------------------|----------|------------------------|---------------------------|
| <b>RF-1001</b>            | Rubber   | ROUND HEMISPHERE STYLE | H:3.0mm D:6.0mm           |
| <b>RF-1002</b>            | Rubber   | FLAT-ROUND STYLE       | H:3.0mm D:11.5mm          |
| <b>RF-1004</b>            | Rubber   | ROUND HEMISPHERE STYLE | H:5.0mm D:12.0mm          |
| <b>NEW</b> <b>RF-1006</b> | Rubber   | ROUND HEMISPHERE STYLE | H:2.5mm D:8.0mm           |
| <b>NEW</b> <b>RF-1014</b> | Rubber   | FLAT-ROUND STYLE       | H:7.3mm D:20.0mm          |
| <b>RF-2006</b>            | Rubber   | SQUARE STYLE           | H:3.5mm W:13.0mm L:13.0mm |
| <b>RF-2008</b>            | Rubber   | ROUND STYLE            | H:10.0mm D:22.0mm         |
| <b>RF-3001</b>            | Rubber   | SQUARE STYLE           | H:5.0mm W:10.0mm L:10.0mm |
| <b>RF-3002</b>            | Rubber   | SQUARE STYLE           | H:5.7mm W:12.5mm L:12.5mm |
| <b>RF-3004</b>            | Rubber   | SQUARE STYLE           | H:8.0mm W:20.0mm L:20.0mm |
| <b>NEW</b> <b>RF-3006</b> | Rubber   | SQUARE STYLE           | H:7.8mm D:20.5mm          |
| <b>RF-4010</b>            | Rubber   | ROUND STYLE            | H:10.0mm D:16.0mm         |

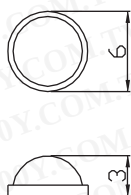
# Rubber Feet

| Item Number    | Material | Description            | External Dimension(mm)    |
|----------------|----------|------------------------|---------------------------|
| <b>RF-6002</b> | PU       | ROUND HEMISPHERE STYLE | H:2.5mm D:8.0mm           |
| <b>RF-6004</b> | PU       | ROUND STYLE            | H:5.6mm D:10.3mm          |
| <b>RF-6006</b> | PU       | ROUND HEMISPHERE STYLE | H:6.0mm D:11.7mm          |
| <b>RF-6009</b> | PU       | SQUARE STYLE           | H:5.4mm W:12.4mm L:12.4mm |
| <b>RF-6010</b> | PU       | ROUND HEMISPHERE STYLE | H:2.7mm D:15mm            |
| <b>RF-6011</b> | PU       | ROUND HEMISPHERE STYLE | H:3.2mm D:20.5mm          |
| <b>RF-6012</b> | PU       | FLAT-ROUND STYLE       | H:3.8mm D:12.5mm          |
| <b>RF-6016</b> | PU       | ROUND HEMISPHERE STYLE | H:8.0mm D:15.5mm          |

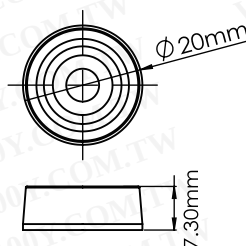
NEW  
NEW

**MATERIAL: RUBBER (SELF-ADHESIVE/WITH 3M GLUE) ; COLOR: BLACK**

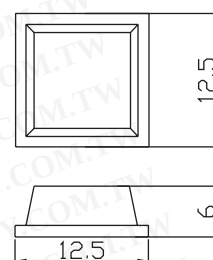
**RF-1001**



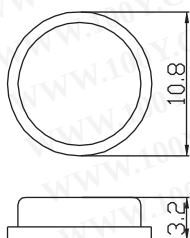
**RF-1014**



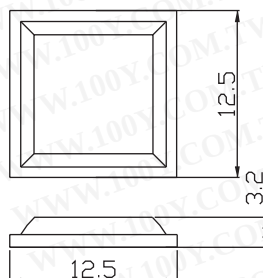
**RF-3002**



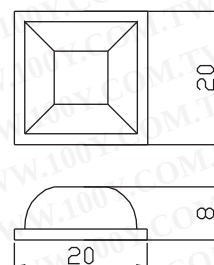
**RF-1002**



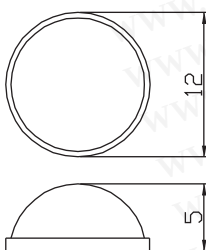
**RF-2006**



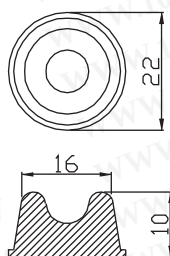
**RF-3004**



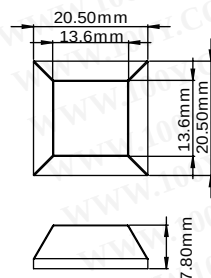
**RF-1004**



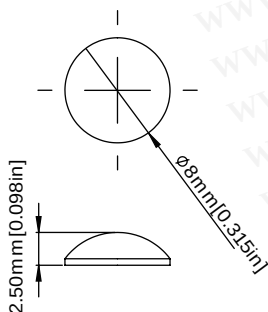
**RF-2008**



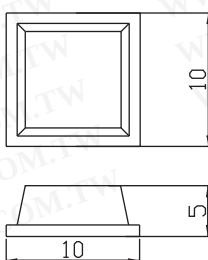
**RF-3006**



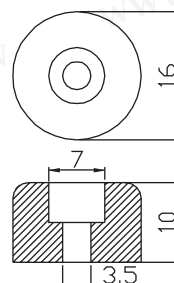
**RF-1006**



**RF-3001**



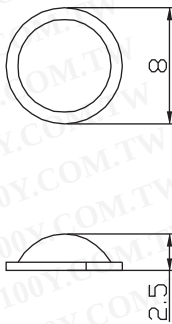
**RF-4010**



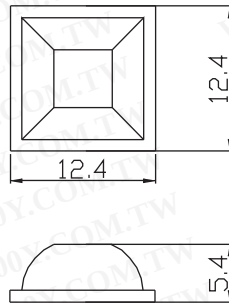
# Rubber Feet

**MATERIAL: PU (SELF-ADHESIVE/WITH 3M GLUE) ; COLOR: CLEAR**

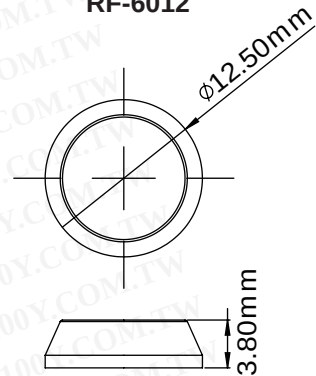
**RF-6002**



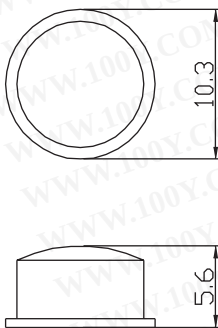
**RF-6009**



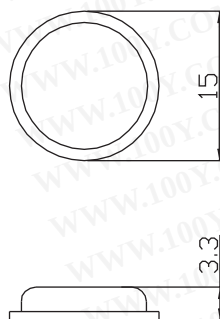
**RF-6012**



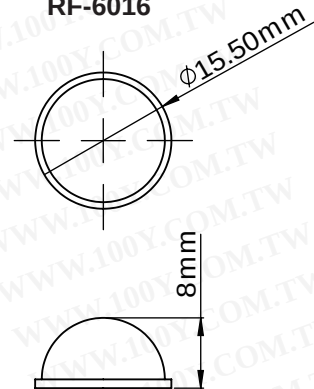
**RF-6004**



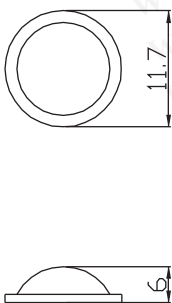
**RF-6010**



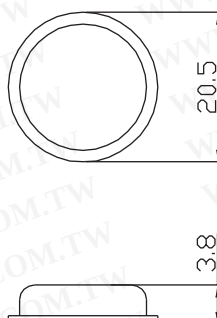
**RF-6016**

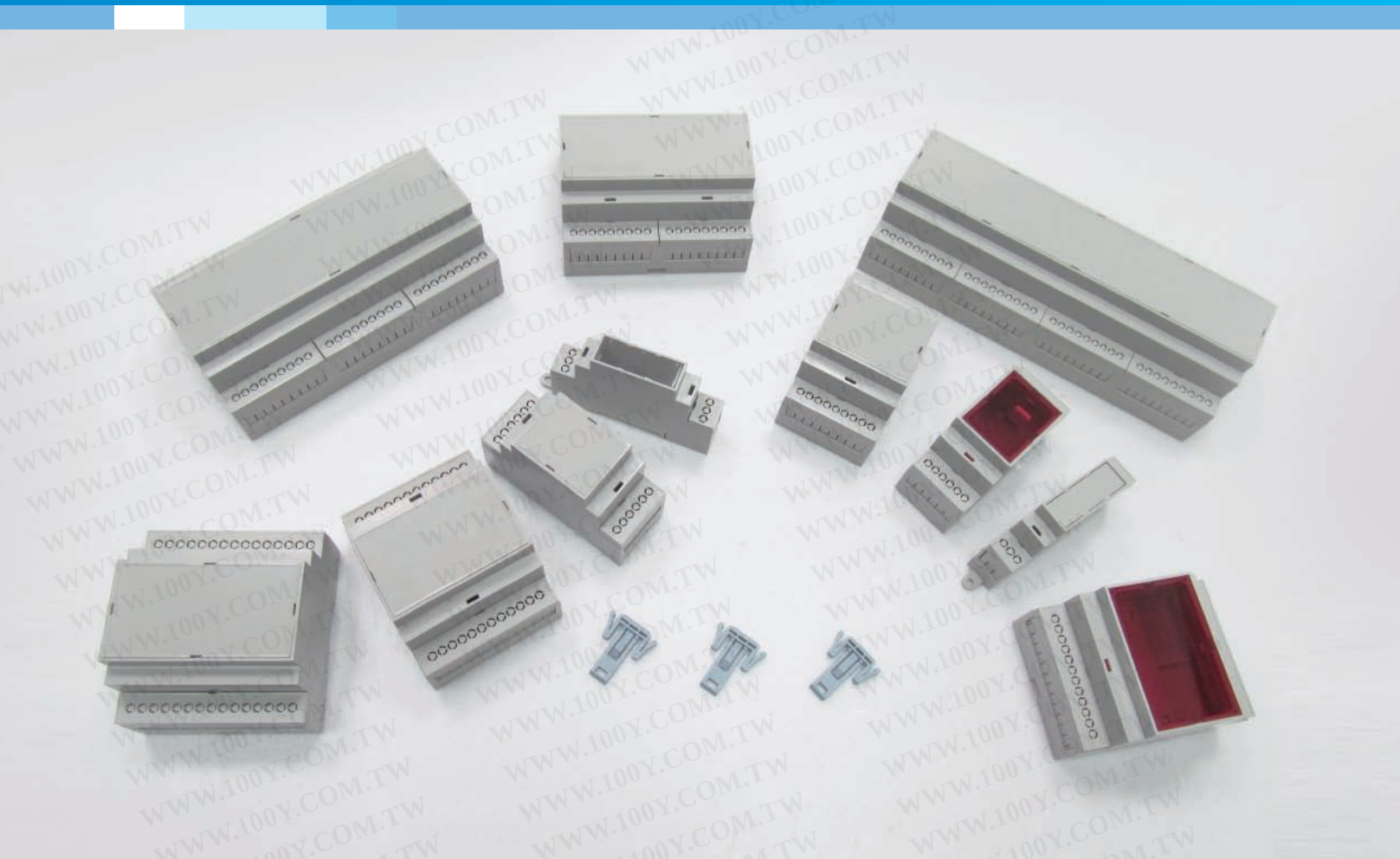


**RF-6006**



**RF-6011**





## PRODUCT INFORMATION

### MATERIAL:

- High impact Polycarbonate/ABS UL94-V0, grey.

### FEATURES:

- DIN rail module boxes supplied in a range of 8 different sizes (1M, 2M, 3M, 4M, 5M, 6M, 9M & 12M).
- Designed to incorporate DIN EN60715 Rail.
- Easy assembly snap fit construction.
- Snap fit terminal covers available in either transparent or IR Red polycarbonate UL94-V0.
- Available with snap fit grey guards.

Content D4MG



| ITEM No.         | PRODUCT DESCRIPTION        | COLOR | EXTERNAL DIMENSION(mm) |
|------------------|----------------------------|-------|------------------------|
| <b>D1MG</b>      | DIN-RAIL MODULE BOX , 1MG  | Grey  | 18.1 X 90.2 X 57.5     |
| <b>D2MG</b>      | DIN-RAIL MODULE BOX , 2MG  | Grey  | 36.3 X 90.2 X 57.5     |
| <b>D3MG</b>      | DIN-RAIL MODULE BOX , 3MG  | Grey  | 53.3 X 90.2 X 57.5     |
| <b>D4MG</b>      | DIN-RAIL MODULE BOX , 4MG  | Grey  | 71 X 90.2 X 57.5       |
| <b>NEW D5MG</b>  | DIN-RAIL MODULE BOX , 5MG  | Grey  | 83.6 X 90.2 X 57.5     |
| <b>D6MG</b>      | DIN-RAIL MODULE BOX , 6MG  | Grey  | 106.25 X 90.2 X 57.5   |
| <b>D9MG</b>      | DIN-RAIL MODULE BOX , 9MG  | Grey  | 159.5 X 90.2 X 57.5    |
| <b>NEW D12MG</b> | DIN-RAIL MODULE BOX , 12MG | Grey  | 212 X 90.2 X 57.5      |

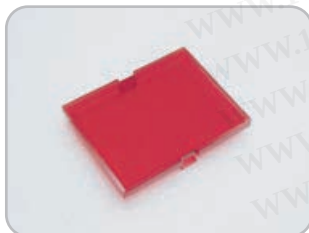
# COVER (Transparent & Infra red cover) , WALL CLIP

## COVER (Transparent & Infra red cover)



| ITEM No.                  | PRODUCT DESCRIPTION             | MATERIAL | EXTERNAL DIMENSION(mm) |
|---------------------------|---------------------------------|----------|------------------------|
| <b>D1MG-COVER-C</b>       | Transparent cover for D1MG use  | PC-V0    | 42 x 14 x 1.9          |
| <b>D1MG-COVER-IR</b>      | Infra red cover for D1MG use    | PC-V0    | 42 x 14 x 1.9          |
| <b>D2MG-COVER-C</b>       | Transparent cover for D2MG use  | PC-V0    | 42 x 32.1 x 2.5        |
| <b>D2MG-COVER-IR</b>      | Infra red cover for D2MG use    | PC-V0    | 42 x 32.1 x 2.5        |
| <b>D3MG-COVER-C</b>       | Transparent cover for D3MG use  | PC-V0    | 42 x 49 x 2.5          |
| <b>D3MG-COVER-IR</b>      | Infra red cover for D3MG use    | PC-V0    | 42 x 49 x 2.5          |
| <b>D4MG-COVER-C</b>       | Transparent cover for D4MG use  | PC-V0    | 42 x 66.8 x 2.5        |
| <b>D4MG-COVER-IR</b>      | Infra red cover for D4MG use    | PC-V0    | 42 x 66.8 x 2.5        |
| <b>NEW D5MG-COVER-C</b>   | Transparent cover for D5MG use  | PC-V0    | 42 x 79.3 x 2.5        |
| <b>NEW D5MG-COVER-IR</b>  | Infra red cover for D5MG use    | PC-V0    | 42 x 79.3 x 2.5        |
| <b>D6MG-COVER-C</b>       | Transparent cover for D6MG use  | PC-V0    | 42 x 102.1 x 2.5       |
| <b>D6MG-COVER-IR</b>      | Infra red cover for D6MG use    | PC-V0    | 42 x 102.1 x 2.5       |
| <b>D9MG-COVER-C</b>       | Transparent cover for D9MG use  | PC-V0    | 42 x 155.4 x 2.5       |
| <b>D9MG-COVER-IR</b>      | Infra red cover for D9MG use    | PC-V0    | 42 x 155.4 x 2.5       |
| <b>NEW D12MG-COVER-C</b>  | Transparent cover for D12MG use | PC-V0    | 42 x 207.9 x 2.5       |
| <b>NEW D12MG-COVER-IR</b> | Infra red cover for D12MG use   | PC-V0    | 42 x 207.9 x 2.5       |

Example:



D2MG-COVER-IR



D2MG  
with D2MG-COVER-IR

Example:



D9MG-COVER-C



D9MG  
with D9MG-COVER-C

## WALL CLIP

Example:



| ITEM No.              | PRODUCT DESCRIPTION                   |
|-----------------------|---------------------------------------|
| <b>DXMG-WALL CLIP</b> | Wall clip for DIN-Rail module box use |

# Guard (Perforated, Solid and Pre-drilled)

## GUARD



D2MG-GUARD  
(Perforated)

### TYPE A : Perforated

| ITEM No.              | TYPE       | PRODUCT DESCRIPTION           | SALES PACKAGE |
|-----------------------|------------|-------------------------------|---------------|
| D1MG-GUARD            | Perforated | For D1MG use                  | 2pcs/bag      |
| D2MG-GUARD            | Perforated | For D2MG use                  | 2pcs/bag      |
| D4MG-GUARD            | Perforated | For D4MG use                  | 2pcs/bag      |
| <b>NEW</b> D5MG-GUARD | Perforated | For D5MG use                  | 2pcs/bag      |
| D3MG/D6MG/D9MG-GUARD  | Perforated | For D3MG/D6MG/D9MG /D12MG use | 2pcs/bag      |



D3MG/D6MG/D9MG-GUARD-NO  
(Solid)

### TYPE B : Solid

| ITEM No.                 | TYPE  | PRODUCT DESCRIPTION           | SALES PACKAGE |
|--------------------------|-------|-------------------------------|---------------|
| D1MG-GUARD-NO            | Solid | For D1MG use                  | 2pcs/bag      |
| D2MG-GUARD-NO            | Solid | For D2MG use                  | 2pcs/bag      |
| D4MG-GUARD-NO            | Solid | For D4MG use                  | 2pcs/bag      |
| <b>NEW</b> D5MG-GUARD-NO | Solid | For D5MG use                  | 2pcs/bag      |
| D3MG/D6MG/D9MG-GUARD-NO  | Solid | For D3MG/D6MG/D9MG /D12MG use | 2pcs/bag      |



D1MG-GUARD-HH  
(Pre-drilled)

### TYPE C : Pre-drilled

| ITEM No.                 | TYPE        | PRODUCT DESCRIPTION           | SALES PACKAGE |
|--------------------------|-------------|-------------------------------|---------------|
| D1MG-GUARD-HH            | Pre-drilled | For D1MG use                  | 2pcs/bag      |
| D2MG-GUARD-HH            | Pre-drilled | For D2MG use                  | 2pcs/bag      |
| D4MG-GUARD-HH            | Pre-drilled | For D4MG use                  | 2pcs/bag      |
| <b>NEW</b> D5MG-GUARD-HH | Pre-drilled | For D5MG use                  | 2pcs/bag      |
| D3MG/D6MG/D9MG-GUARD-HH  | Pre-drilled | For D3MG/D6MG/D9MG /D12MG use | 2pcs/bag      |

#### Example



D6MG  
(with D3/D6/D9MG-GUARD)



D12MG  
(with D3MG/D6MG/D9MG-GUARD)



D1MG  
(with D1MG-GUARD-HH)

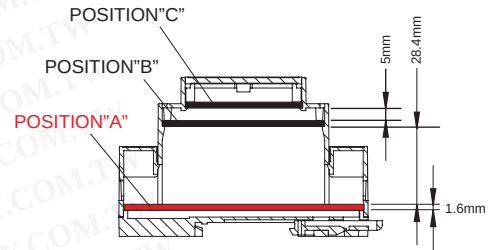
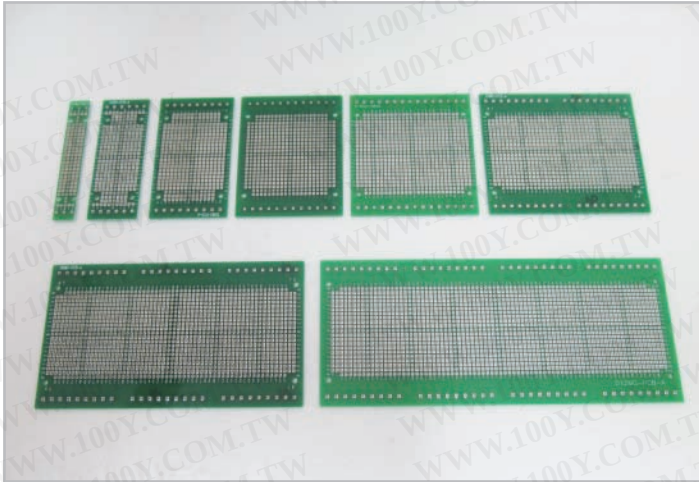
#### Example (Sales Package)



(2pcs/bag)

# PCB and Terminal Block

## PCB of position "A" for DXMG use



| Part No.               | Dimension (mm) |       |           |
|------------------------|----------------|-------|-----------|
|                        | LENGTH         | WIDTH | THICKNESS |
| D1MG-PCB-A             | 14.3           | 86.9  | 1.6       |
| D2MG-PCB-A             | 32.8           | 86.9  | 1.6       |
| D3MG-PCB-A             | 50             | 86.9  | 1.6       |
| D4MG-PCB-A             | 67.8           | 86.9  | 1.6       |
| <b>NEW</b> D5MG-PCB-A  | 80             | 86.9  | 1.6       |
| D6MG-PCB-A             | 102.8          | 86.9  | 1.6       |
| D9MG-PCB-A             | 156.2          | 86.9  | 1.6       |
| <b>NEW</b> D12MG-PCB-A | 208.4          | 86.9  | 1.6       |

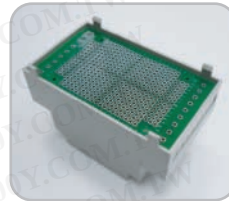
Example:



D1MG  
with D1MG-PCB-A



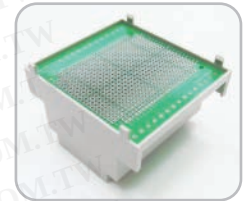
D2MG  
with D2MG-PCB-A



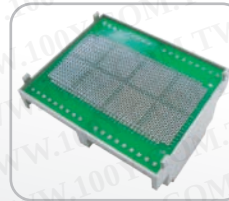
D3MG  
with D3MG-PCB-A



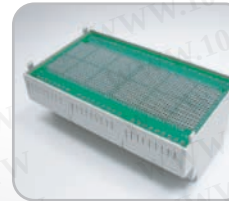
D4MG  
with D4MG-PCB-A



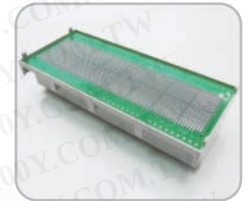
D5MG  
with D5MG-PCB-A



D6MG  
with D6MG-PCB-A



D9MG  
with D9MG-PCB-A



D12MG  
with D12MG-PCB-A

## 3WAY of terminal block for DXMG use



Example:



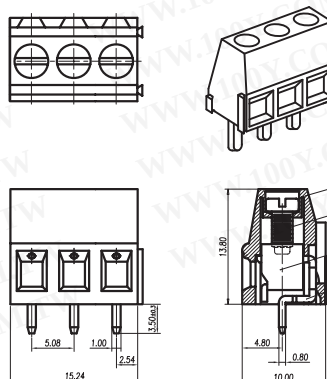
D2MG with  
3WAY of terminal block



D6MG with  
3WAY of terminal block

| Part No.         | Product description                                              |
|------------------|------------------------------------------------------------------|
| <b>DXMG-3WAY</b> | 3WAY terminal block for D2MG/D3MG /D4MG/D5MG/D6MG/D9MG/D12MG use |

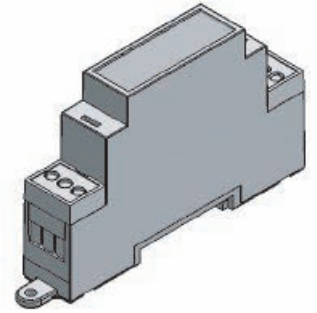
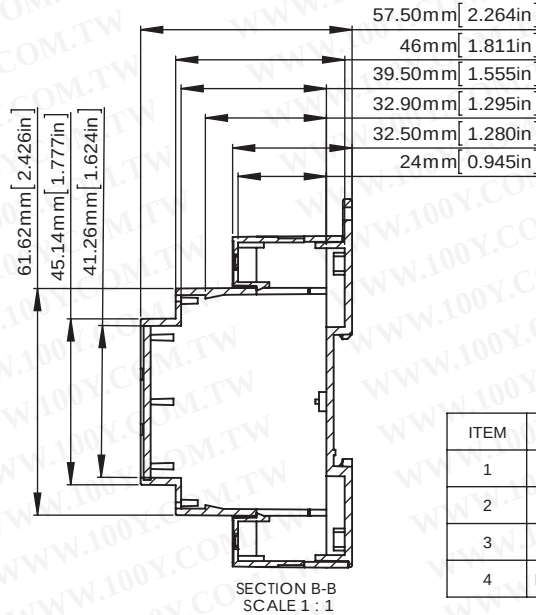
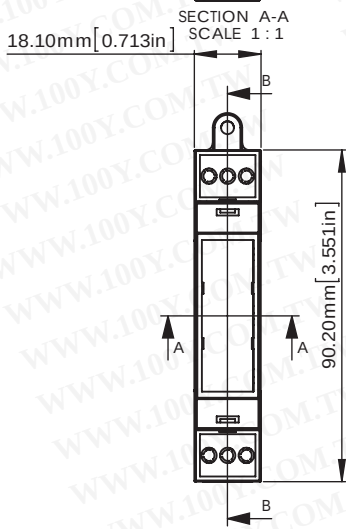
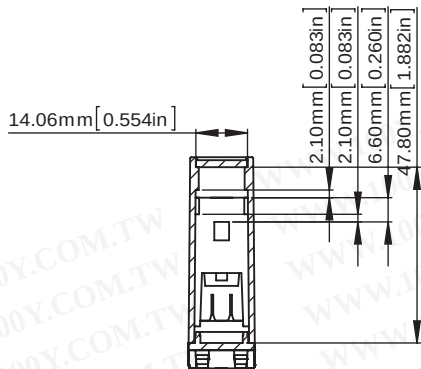
### DXMG-3WAY DRAWING:



#### NOTES:

- Rating: 300V 20A (IEC 250V 24A)  
PITCH: 5.08mm
- Insulation Withstands Voltage:  
AC 2000V at 1 minute
- Insulation Resistance:  
500M  $\Omega$  or more at DC500V
- Using Temperature Range:  
-40°C~+105°C
- Suitable Electric Wire:  
24~12AWG(IEC 0.5~2.5mm<sup>2</sup>)
- Torque Value: 4 kg-cm
- RoHS compliance

# D1MG

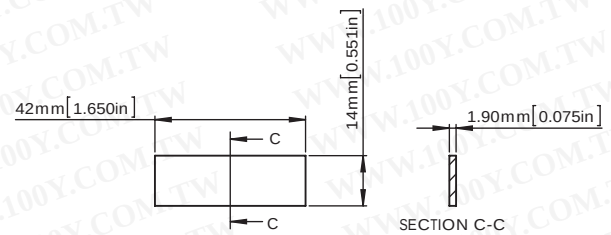
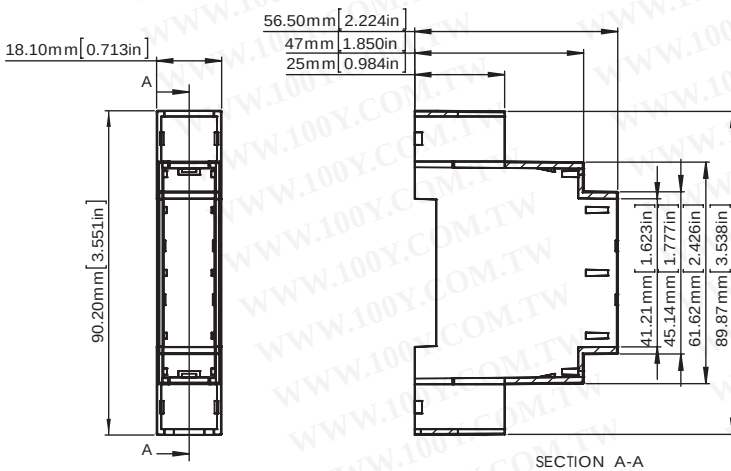


ASSEMBLY

| ITEM | DESCRIPTION | MATERIAL        | COLOUR | UNIT |
|------|-------------|-----------------|--------|------|
| 1    | D1MG-BODY   | PC/ABS(UL94-V0) | GREY   | 1    |
| 2    | D1MG-BASE   | PC/ABS(UL94-V0) | GREY   | 1    |
| 3    | D1MG-COVER  | PC/ABS(UL94-V0) | GREY   | 1    |
| 4    | D1MG-GUARD  | PC/ABS(UL94-V0) | GREY   | 2    |

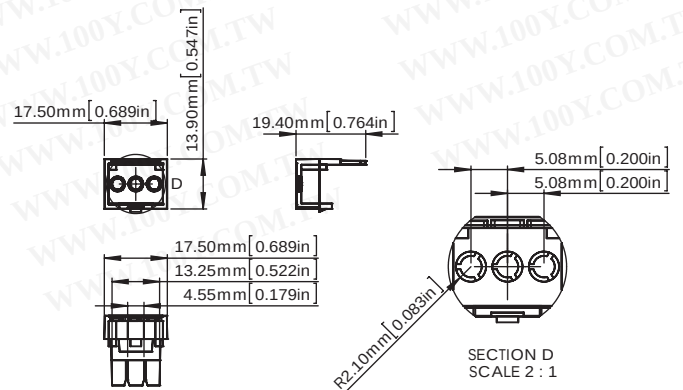
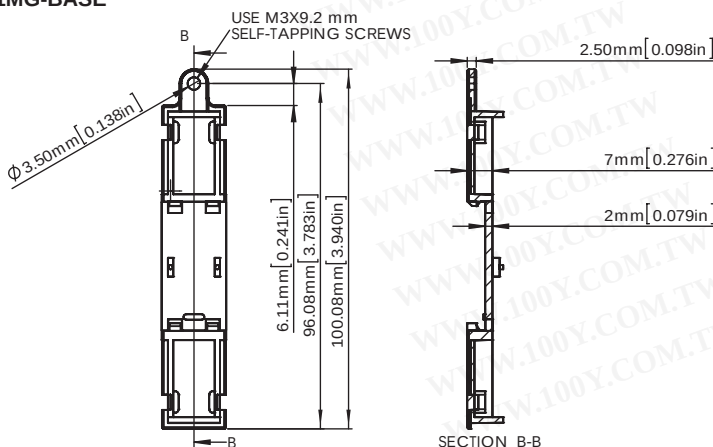
## D1MG-BODY

## D1MG-COVER

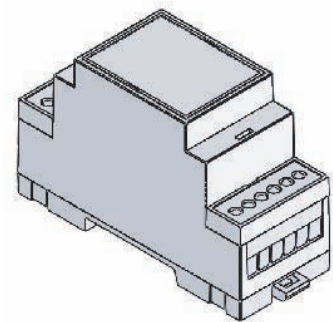
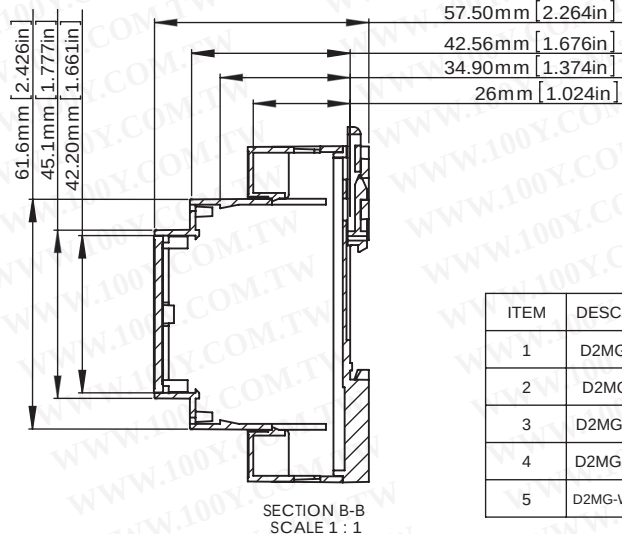
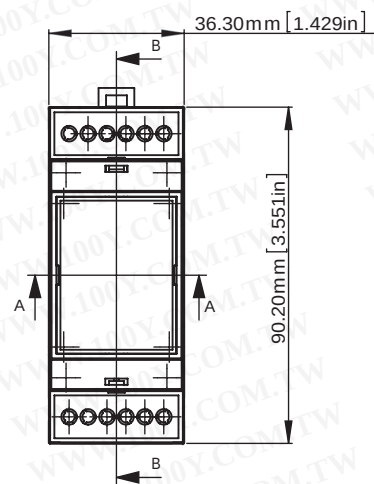
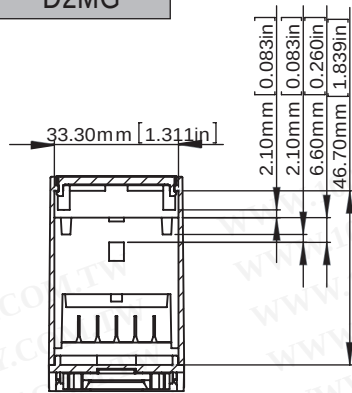


## D1MG-GUARD

## D1MG-BASE



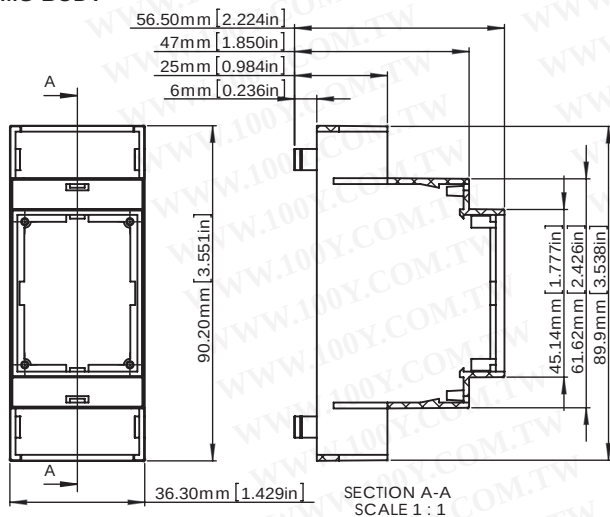
## D2MG



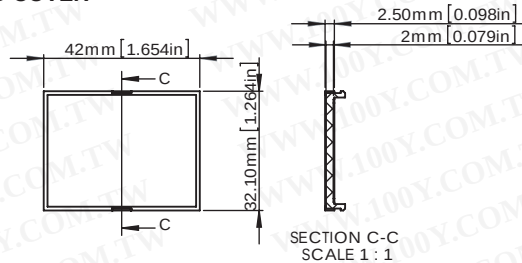
ASSEMBLY

| ITEM | DESCRIPTION    | MATERIAL         | COLOUR    | UNIT |
|------|----------------|------------------|-----------|------|
| 1    | D2MG-BODY      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 2    | D2MG-BASE      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 3    | D2MG-COVER     | PC/ABS(UL94-V0)  | GREY      | 1    |
| 4    | D2MG-GUARD     | PC/ABS(UL94-V0)  | GREY      | 2    |
| 5    | D2MG-WALL CLIP | NYLON66(UL94-V0) | DARK GREY | 1    |

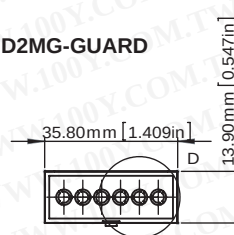
### D2MG-BODY



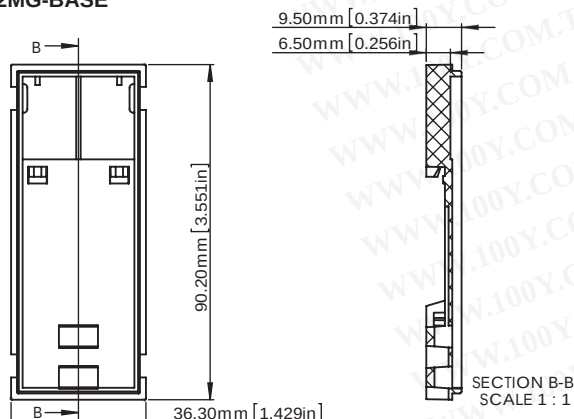
### D2MG-COVER



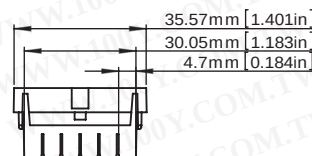
### D2MG-GUARD



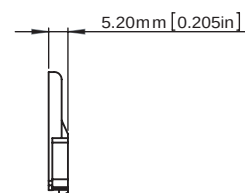
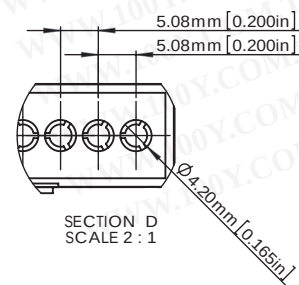
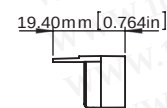
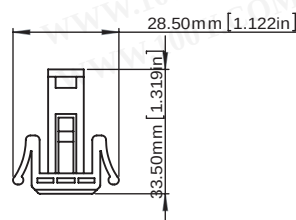
### D2MG-BASE



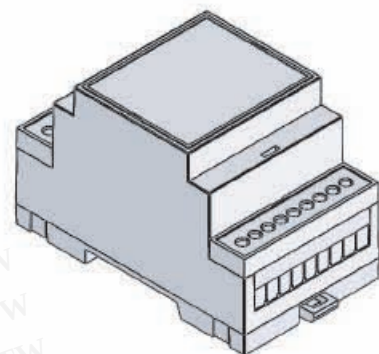
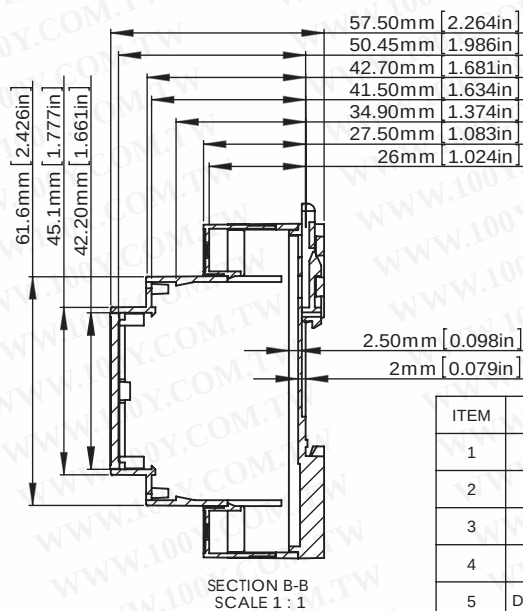
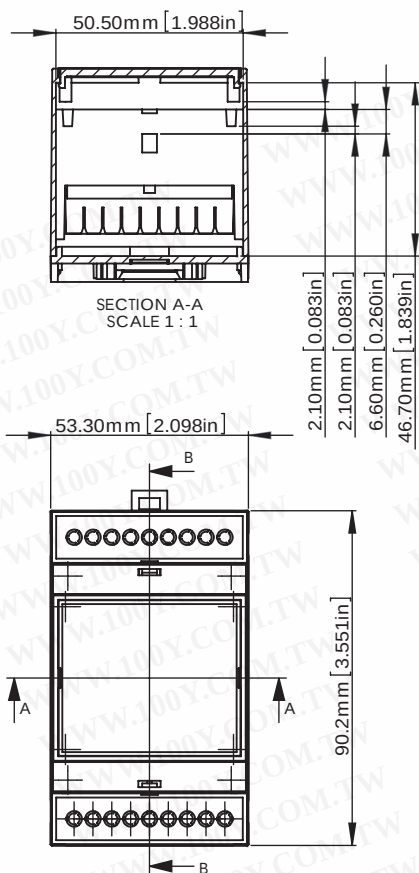
### D2MG-GUARD



### D2MG-WALL CLIP



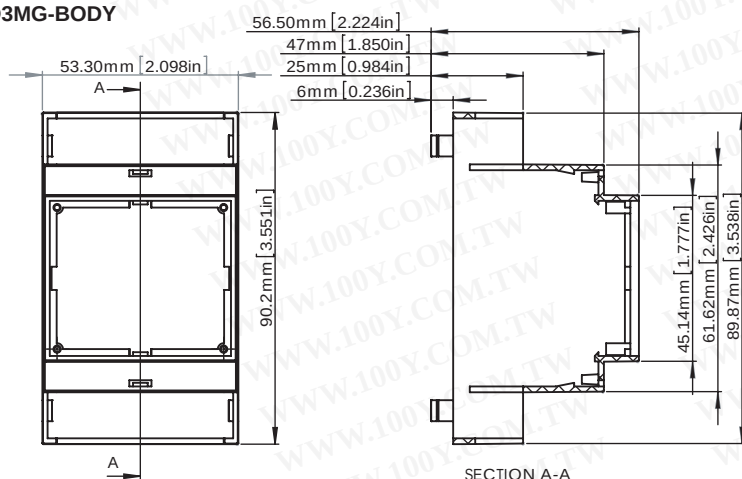
# D3MG



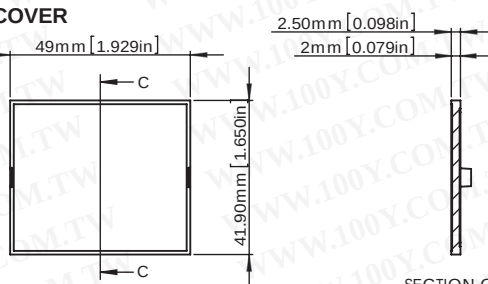
ASSEMBLY

| ITEM | DESCRIPTION    | MATERIAL         | COLOUR    | UNIT |
|------|----------------|------------------|-----------|------|
| 1    | D3MG-BODY      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 2    | D3MG-BASE      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 3    | D3MG-COVER     | PC/ABS(UL94-V0)  | GREY      | 1    |
| 4    | D3MG-GUARD     | PC/ABS(UL94-V0)  | GREY      | 2    |
| 5    | D3MG-WALL CLIP | NYLON66(UL94-V0) | DARK GREY | 1    |

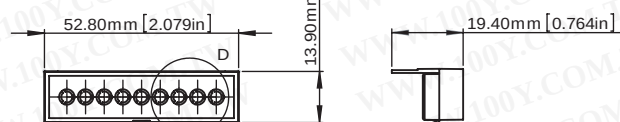
## D3MG-BODY



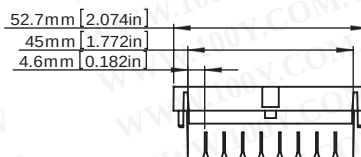
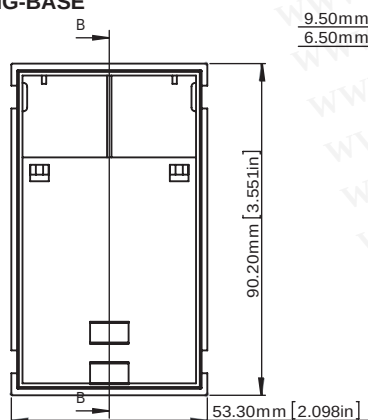
## D3MG-COVER



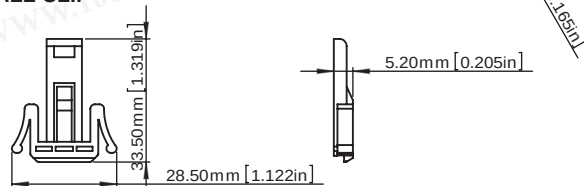
## D3MG-GUARD



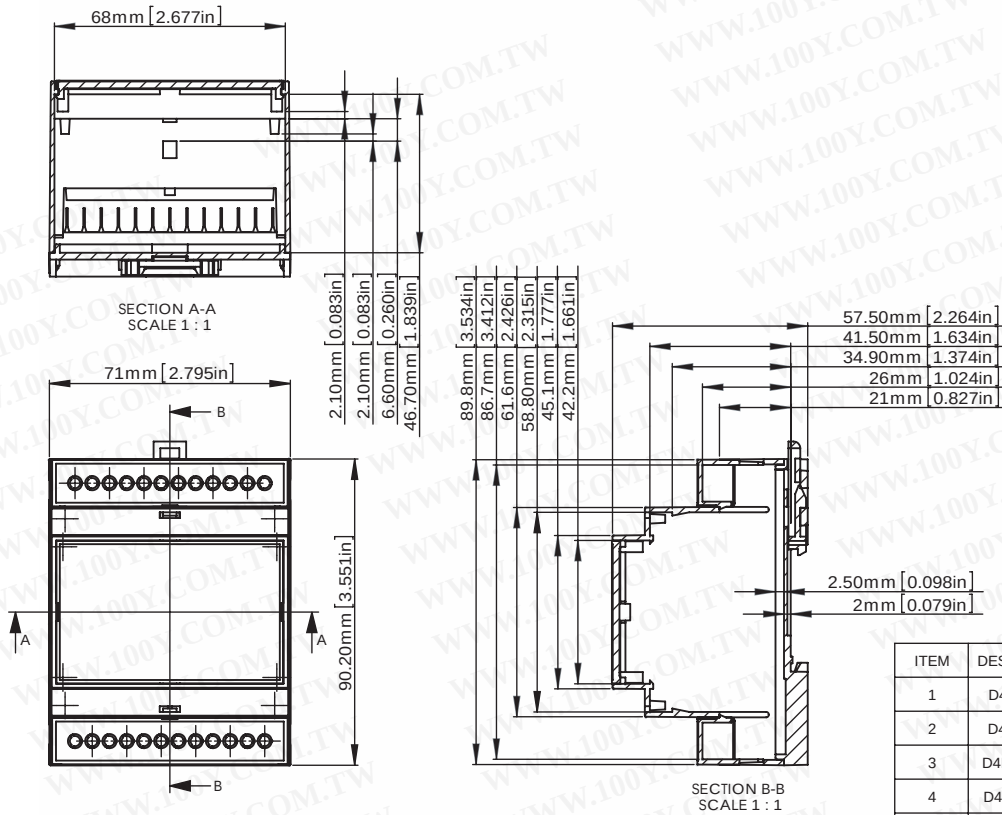
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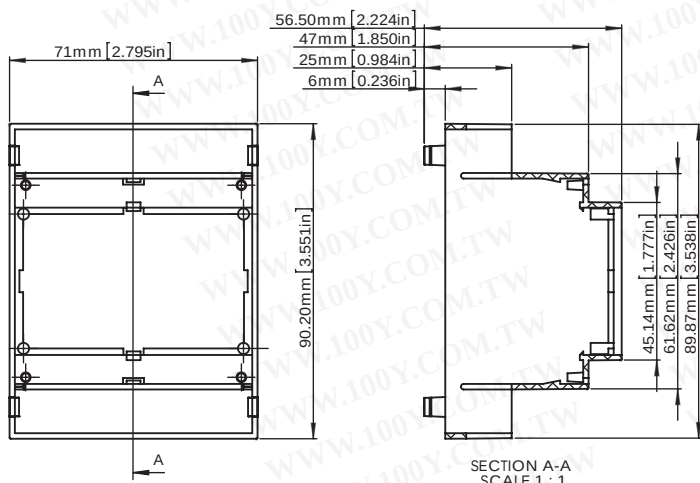
## D3MG-WALL CLIP



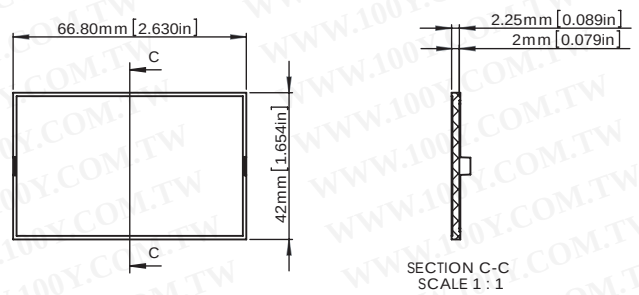
# D4MG



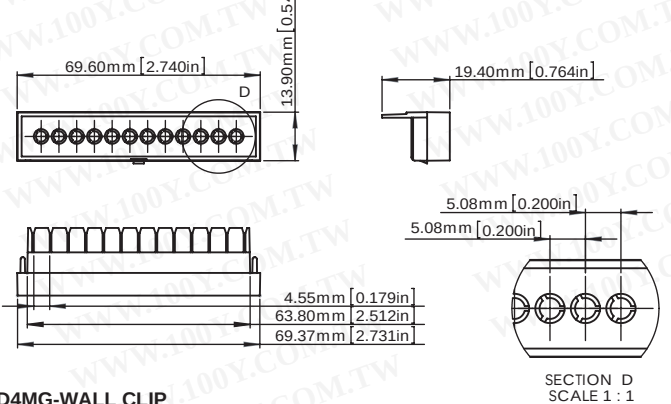
## D4MG-BODY



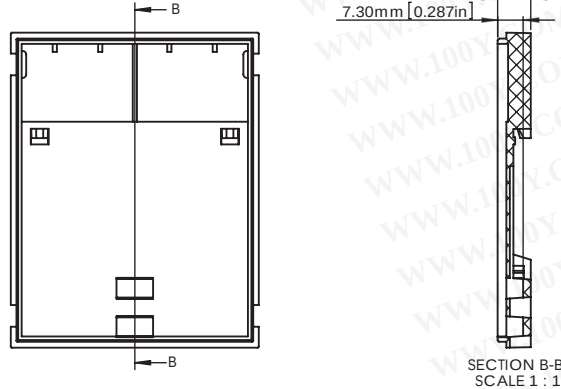
## D4MG-COVER



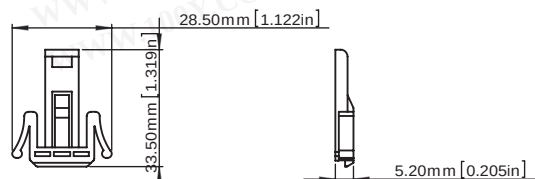
## D4MG-GUARD



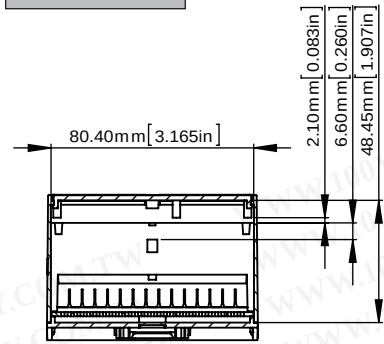
## D4MG-BASE



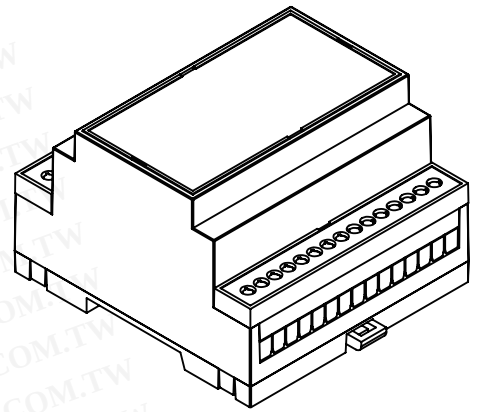
## D4MG-WALL CLIP



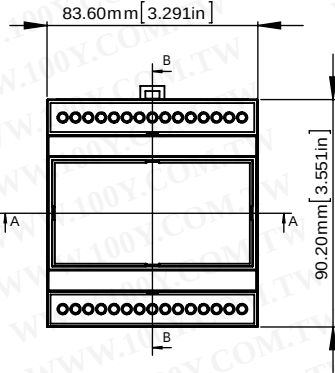
# D5MG



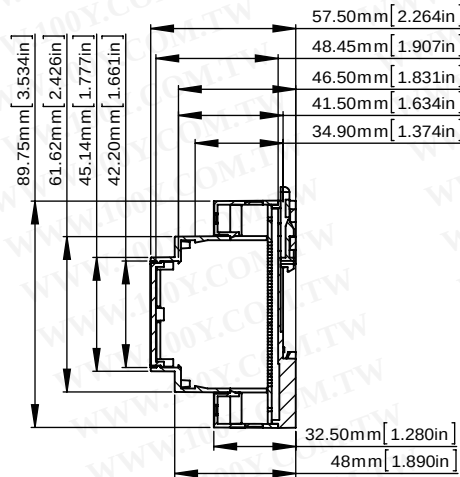
SECTION A-A  
SCALE 2 : 3



ASSEMBLY

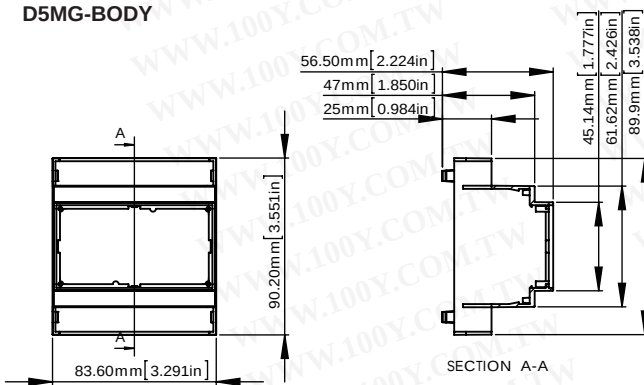


SECTION B-B  
SCALE 2 : 3



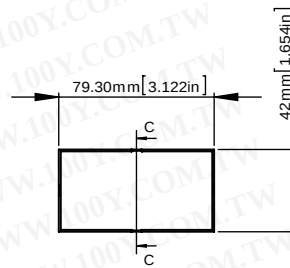
| ITEM | DESCRIPTION    | MATERIAL         | COLOUR    | UNIT |
|------|----------------|------------------|-----------|------|
| 1    | D5MG-BODY      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 2    | D5MG-BASE      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 3    | D5MG-COVER     | PC/ABS(UL94-V0)  | GREY      | 1    |
| 4    | D5MG-GUARD     | PC/ABS(UL94-V0)  | GREY      | 2    |
| 5    | D5MG-WALL CLIP | NYLON66(UL94-V0) | DARK GREY | 1    |

## D5MG-BODY

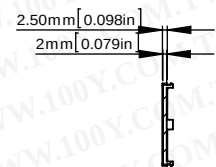


SECTION A-A

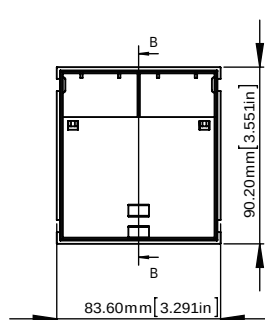
## D5MG-COVER



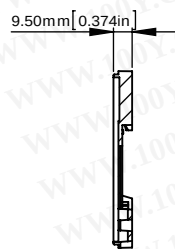
SECTION C-C



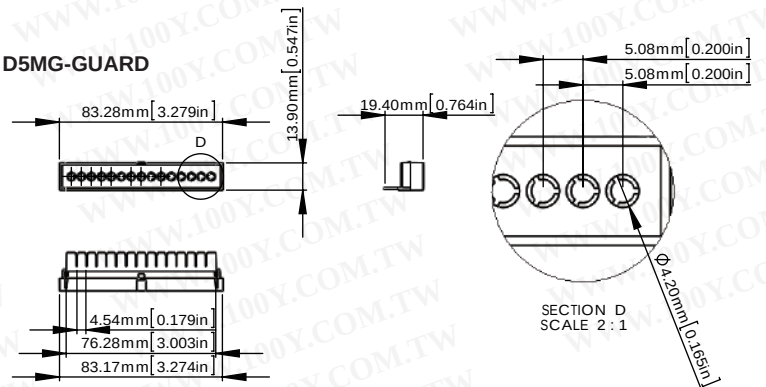
## D5MG-BASE



SECTION B-B

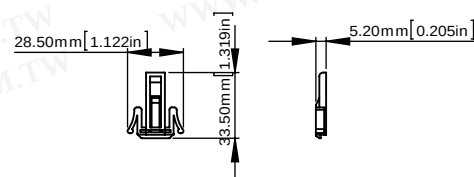


## D5MG-GUARD

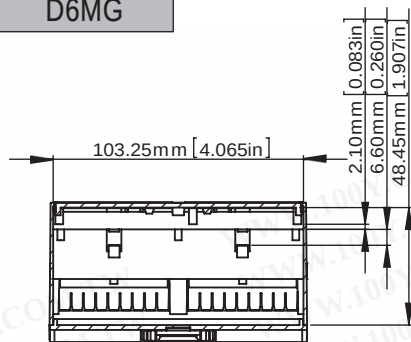


SECTION D  
SCALE 2 : 1

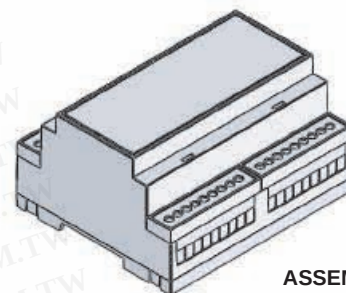
## D5MG-WALL CLIP



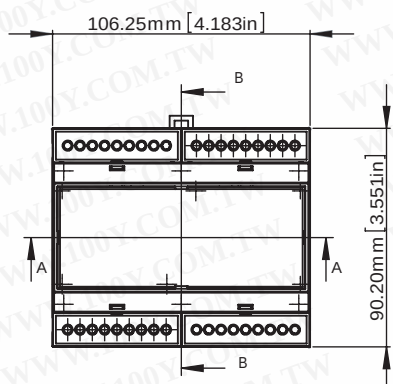
# D6MG



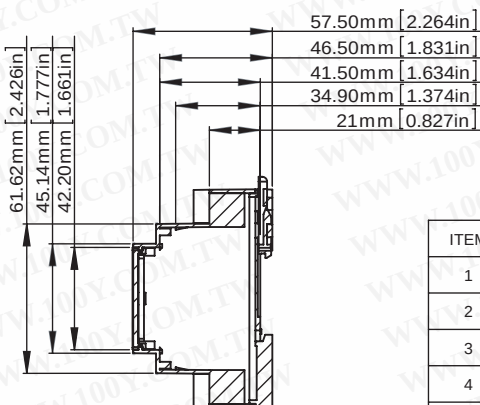
SECTION A-A  
SCALE 2 : 3



ASSEMBLY

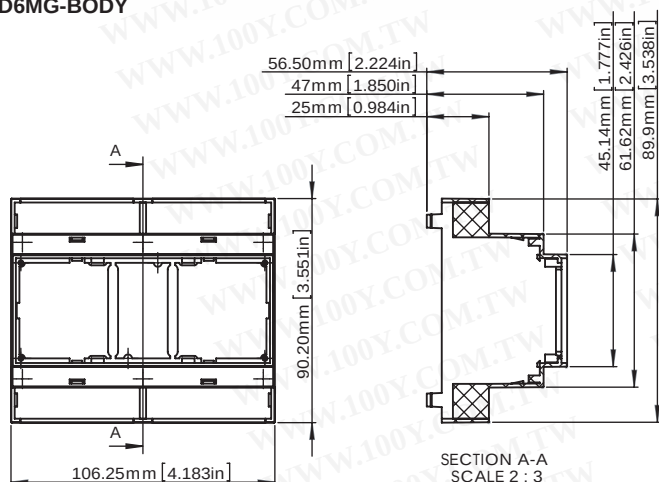


SECTION B-B  
SCALE 2 : 3



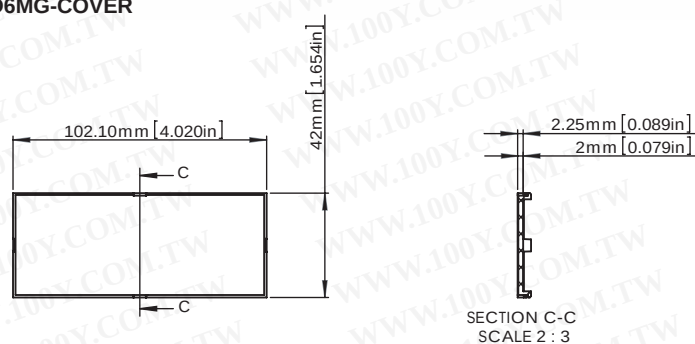
| ITEM | DESCRIPTION    | MATERIAL         | COLOUR    | UNIT |
|------|----------------|------------------|-----------|------|
| 1    | D6MG-BODY      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 2    | D6MG-BASE      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 3    | D6MG-COVER     | PC/ABS(UL94-V0)  | GREY      | 1    |
| 4    | D6MG-GUARD     | PC/ABS(UL94-V0)  | GREY      | 4    |
| 5    | D6MG-WALL CLIP | NYLON66(UL94-V0) | DARK GREY | 1    |

## D6MG-BODY



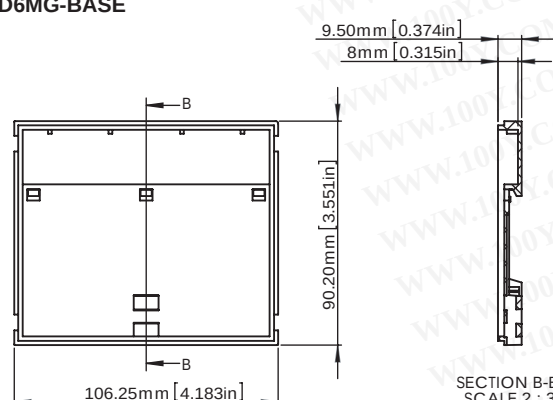
SECTION A-A  
SCALE 2 : 3

## D6MG-COVER



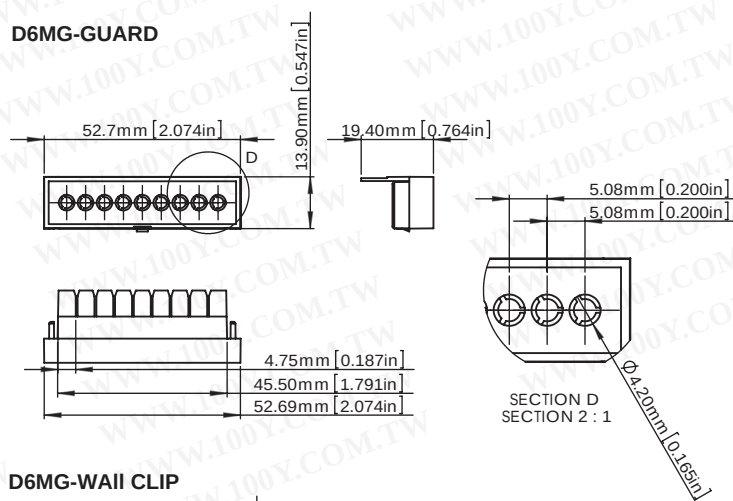
SECTION C-C  
SCALE 2 : 3

## D6MG-BASE



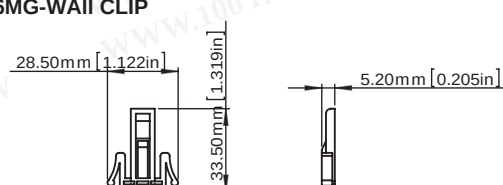
SECTION B-B  
SCALE 2 : 3

## D6MG-GUARD

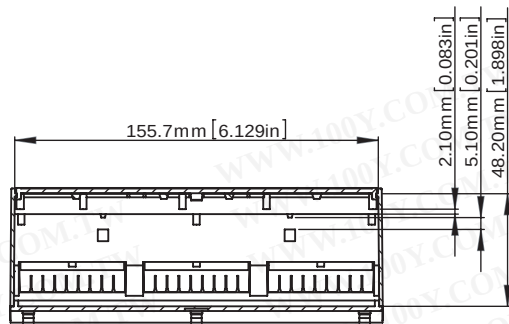


SECTION D  
SCALE 2 : 1

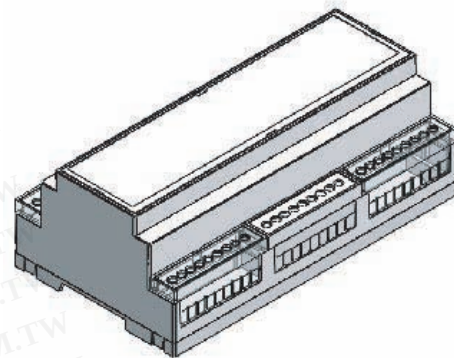
## D6MG-WALL CLIP



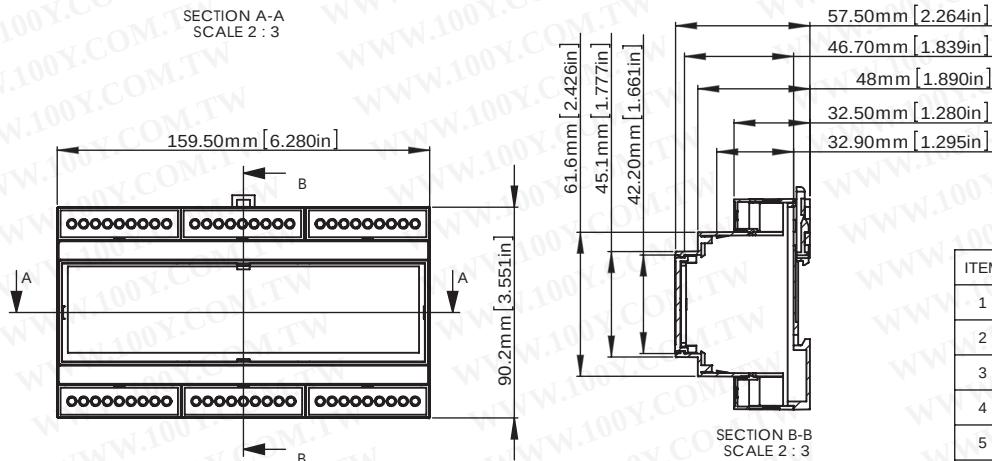
# D9MG



SECTION A-A  
SCALE 2 : 3



## ASSEMBLY

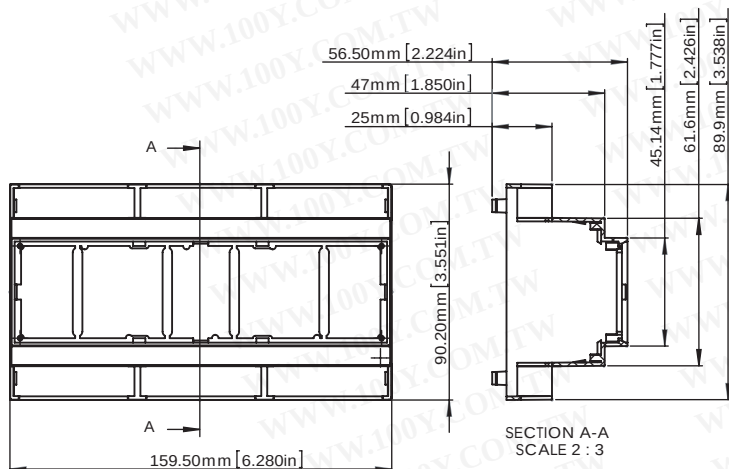


SECTION B-B  
SCALE 2 : 3

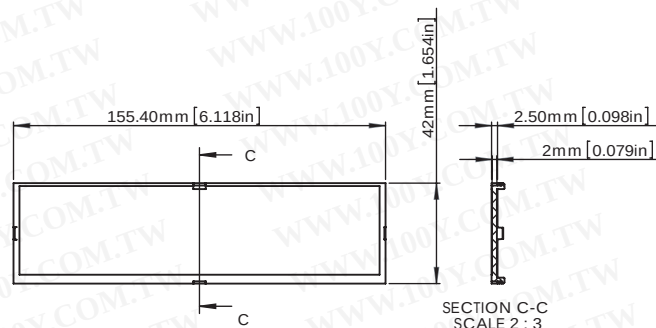
| ITEM | DESCRIPTION    | MATERIAL         | COLOUR    | UNIT |
|------|----------------|------------------|-----------|------|
| 1    | D9MG-BODY      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 2    | D9MG-BASE      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 3    | D9MG-COVER     | PC/ABS(UL94-V0)  | GREY      | 1    |
| 4    | D9MG-GUARD     | PC/ABS(UL94-V0)  | GREY      | 6    |
| 5    | D9MG-WALL CLIP | NYLON66(UL94-V0) | DARK GREY | 1    |

## D9MG-BODY

## D9MG-COVER



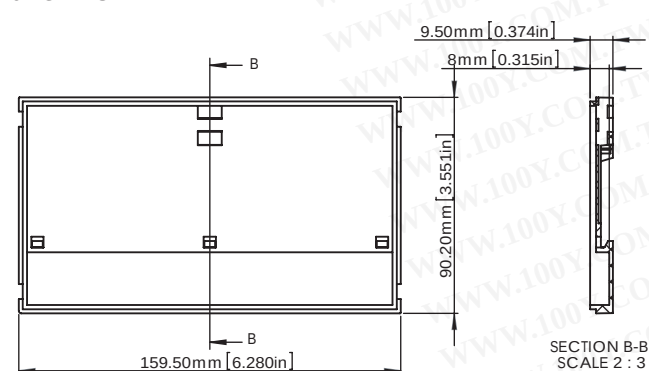
SECTION A-A  
SCALE 2 : 3



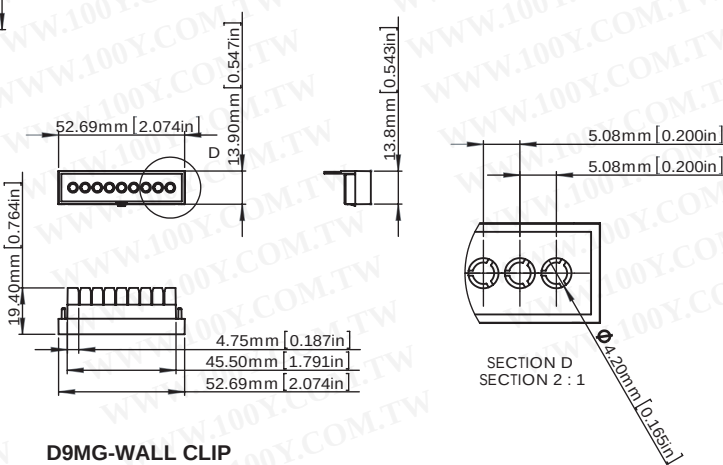
SECTION C-C  
SCALE 2 : 3

## D9MG-BASE

## D9MG-GUARD

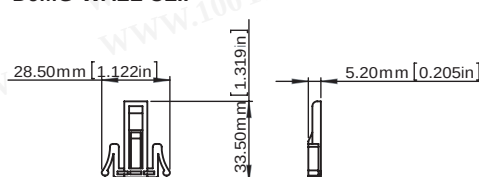


SECTION B-B  
SCALE 2 : 3

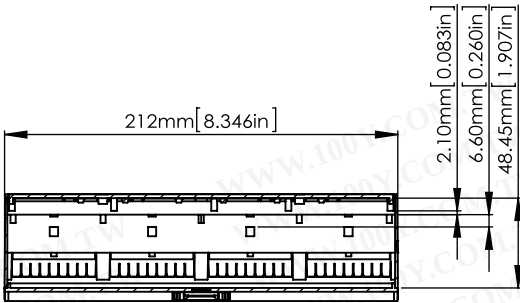


SECTION D  
SECTION 2 : 1

## D9MG-WALL CLIP

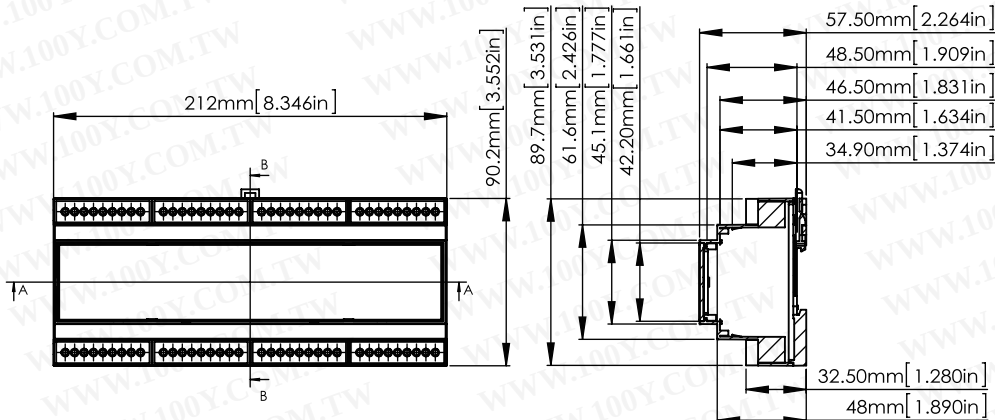


D12MG

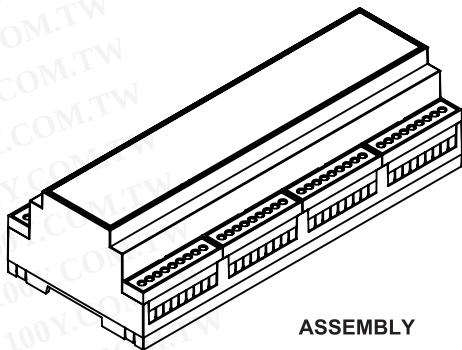


SECTION A-A

| ITEM | DESCRIPTION     | MATERIAL         | COLOUR    | UNIT |
|------|-----------------|------------------|-----------|------|
| 1    | D12MG-BODY      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 2    | D12MG-BASE      | PC/ABS(UL94-V0)  | GREY      | 1    |
| 3    | D12MG-COVER     | PC/ABS(UL94-V0)  | GREY      | 1    |
| 4    | D12MG-GUARD     | PC/ABS(UL94-V0)  | GREY      | 8    |
| 5    | D12MG-WALL CLIP | NYLON66(UL94-VO) | DARK GREY | 1    |

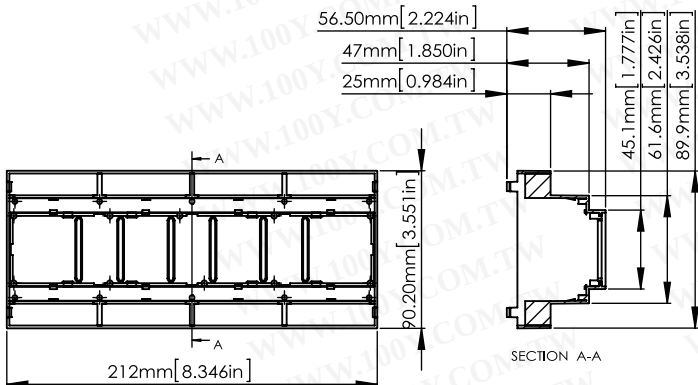


SECTION B-B



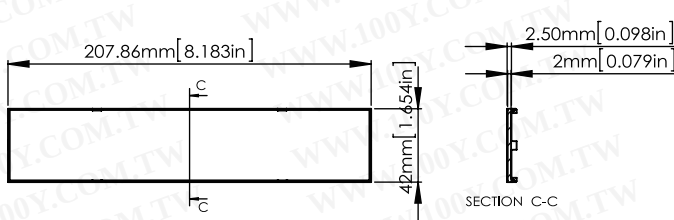
## ASSEMBLY

## D12MG-BODY



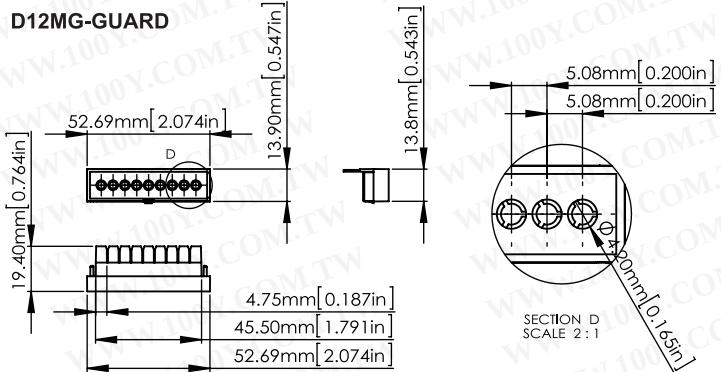
SECTION A-A

**D12MG-COVER**



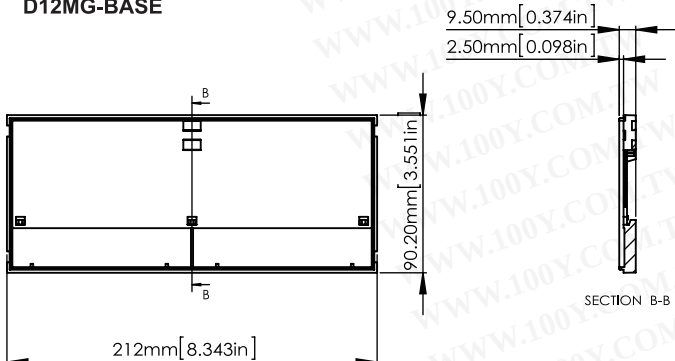
SECTION C-C

## D12MG-GUARD



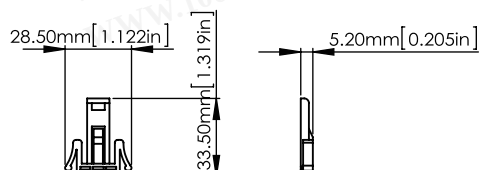
SECTION D  
SCALE 2:1

## D12MG-BASE



SECTION B-B

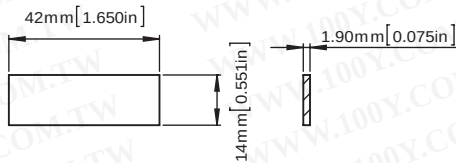
## D12MG-WALL CLIP



# SNAP-IN COVER (for DIN Rail Module Box)

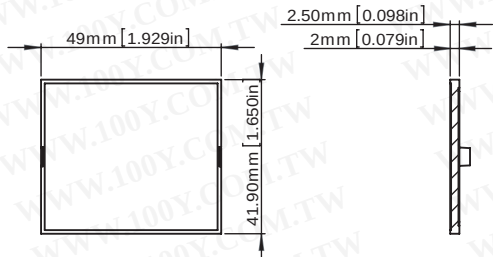
## D1MG-COVER

| ITEM NO       | Description                                | Material        |
|---------------|--------------------------------------------|-----------------|
| D1MG COVER-GY | Grey cover for D1MG din-box use            | PC/ABS(UL94-V0) |
| D1MG COVER-IR | Red Transparent cover for D1MG din-box use | PC(UL94-V0)     |
| D1MG COVER-C  | Clear cover for D1MG din-box use           | PC(UL94-V0)     |



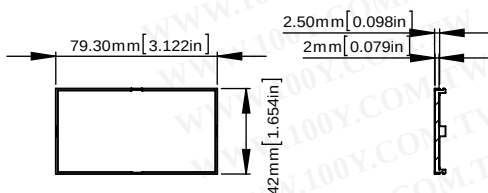
## D3MG-COVER

| ITEM NO       | Description                                | Material        |
|---------------|--------------------------------------------|-----------------|
| D3MG COVER-GY | Grey cover for D3MG din-box use            | PC/ABS(UL94-V0) |
| D3MG COVER-IR | Red Transparent cover for D3MG din-box use | PC(UL94-V0)     |
| D3MG COVER-C  | Clear cover for D3MG din-box use           | PC(UL94-V0)     |



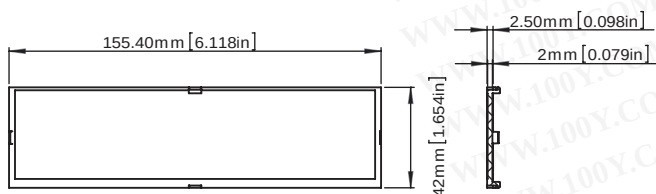
## D5MG-COVER

| ITEM NO       | Description                                | Material        |
|---------------|--------------------------------------------|-----------------|
| D5MG COVER-GY | Grey cover for D5MG din-box use            | PC/ABS(UL94-V0) |
| D5MG COVER-IR | Red Transparent cover for D5MG din-box use | PC(UL94-V0)     |
| D5MG COVER-C  | Clear cover for D5MG din-box use           | PC(UL94-V0)     |



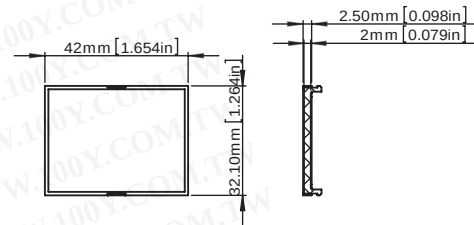
## D9MG-COVER

| ITEM NO       | Description                                | Material        |
|---------------|--------------------------------------------|-----------------|
| D9MG COVER-GY | Grey cover for D9MG din-box use            | PC/ABS(UL94-V0) |
| D9MG COVER-IR | Red Transparent cover for D9MG din-box use | PC(UL94-V0)     |
| D9MG COVER-C  | Clear cover for D9MG din-box use           | PC(UL94-V0)     |



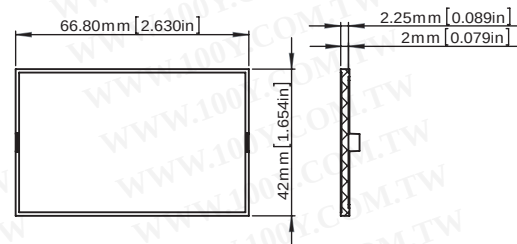
## D2MG-COVER

| ITEM NO       | Description                                | Material        |
|---------------|--------------------------------------------|-----------------|
| D2MG COVER-GY | Grey cover for D2MG din-box use            | PC/ABS(UL94-V0) |
| D2MG COVER-IR | Red Transparent cover for D2MG din-box use | PC(UL94-V0)     |
| D2MG COVER-C  | Clear cover for D2MG din-box use           | PC(UL94-V0)     |



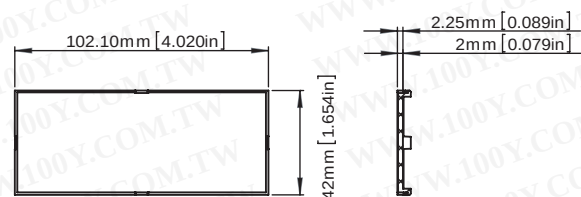
## D4MG-COVER

| ITEM NO       | Description                                | Material        |
|---------------|--------------------------------------------|-----------------|
| D4MG COVER-GY | Grey cover for D4MG din-box use            | PC/ABS(UL94-V0) |
| D4MG COVER-IR | Red Transparent cover for D4MG din-box use | PC(UL94-V0)     |
| D4MG COVER-C  | Clear cover for D4MG din-box use           | PC(UL94-V0)     |



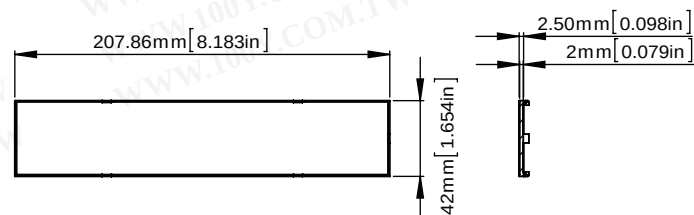
## D6MG-COVER

| ITEM NO       | Description                                | Material        |
|---------------|--------------------------------------------|-----------------|
| D6MG COVER-GY | Grey cover for D6MG din-box use            | PC/ABS(UL94-V0) |
| D6MG COVER-IR | Red Transparent cover for D6MG din-box use | PC(UL94-V0)     |
| D6MG COVER-C  | Clear cover for D6MG din-box use           | PC(UL94-V0)     |

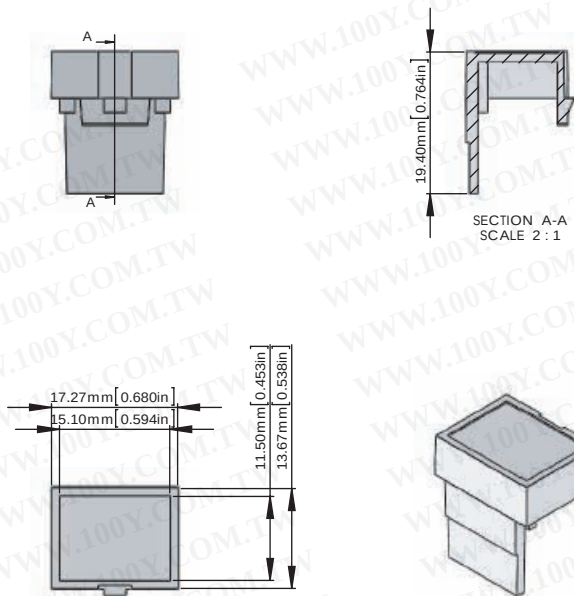


## D12MG-COVER

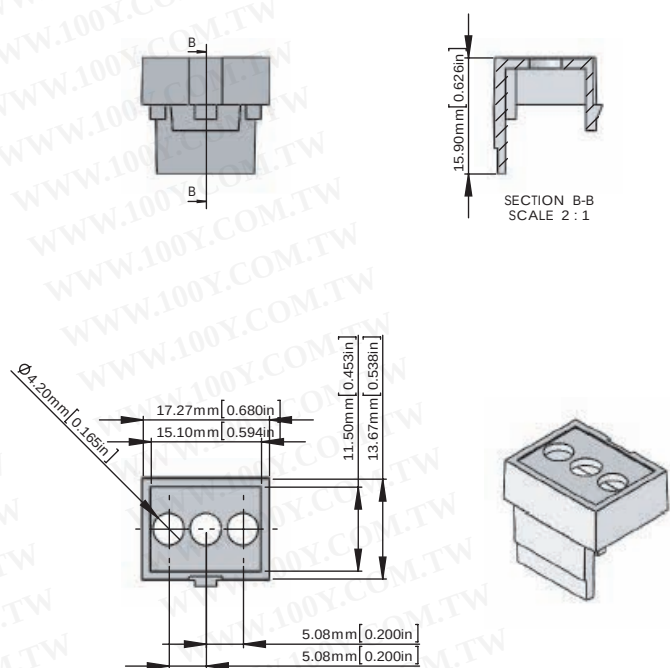
| ITEM NO        | Description                                 | Material        |
|----------------|---------------------------------------------|-----------------|
| D12MG COVER-GY | Grey cover for D12MG din-box use            | PC/ABS(UL94-V0) |
| D12MG COVER-IR | Red Transparent cover for D12MG din-box use | PC(UL94-V0)     |
| D12MG COVER-C  | Clear cover for D12MG din-box use           | PC(UL94-V0)     |



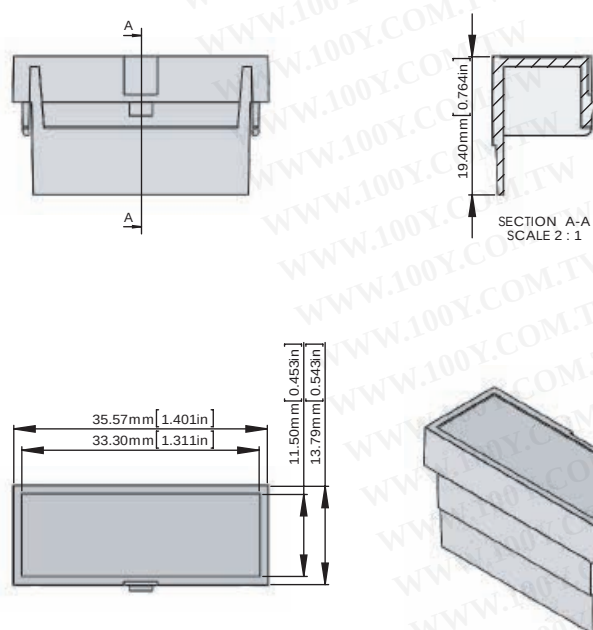
## D1MG-GUARD-NO



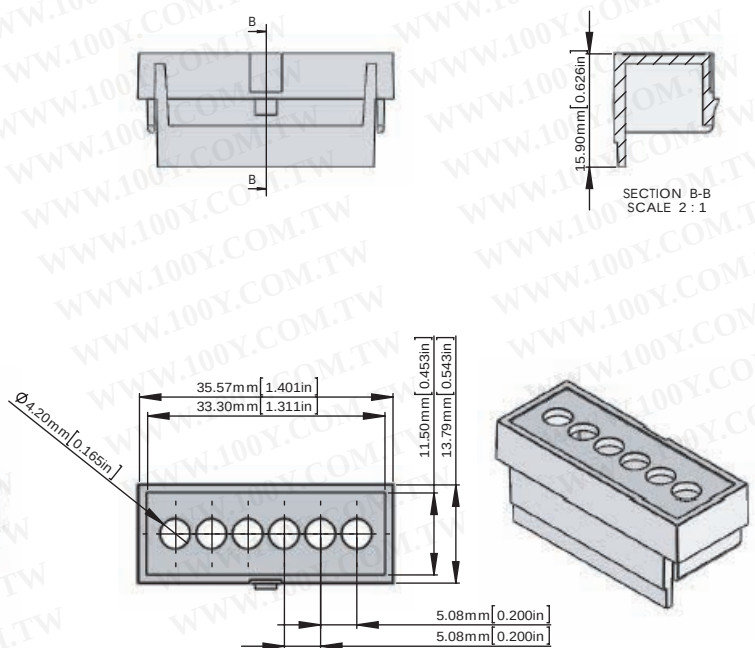
## D1MG-GUARD-HH



## D2MG-GUARD-NO

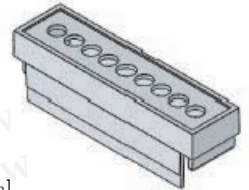
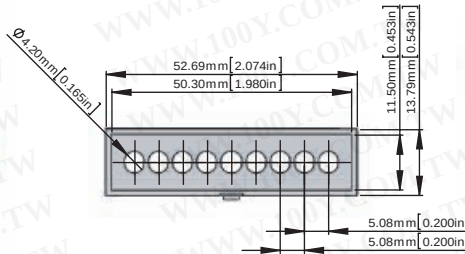
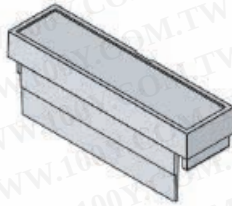
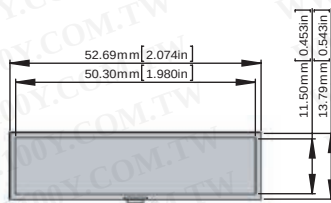
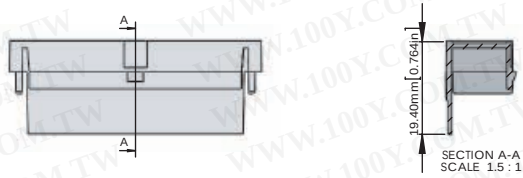


## D2MG-GUARD-HH



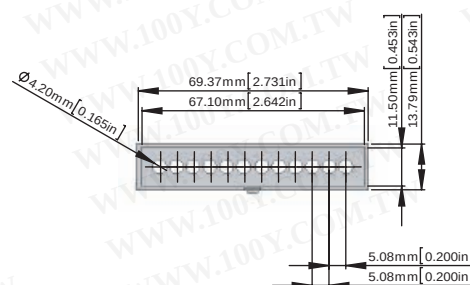
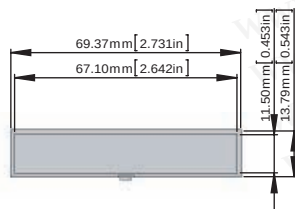
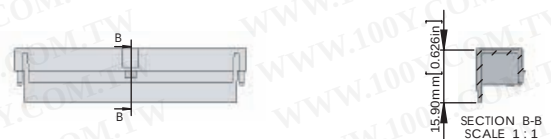
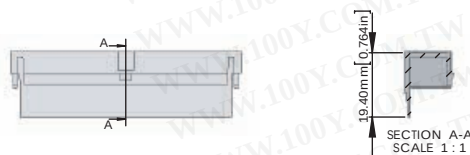
# D3MG/D6MG/D9MG-GUARD-NO

# D3MG/D6MG/D9MG-GUARD-HH



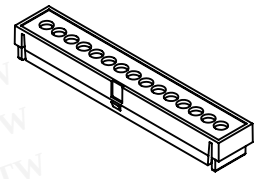
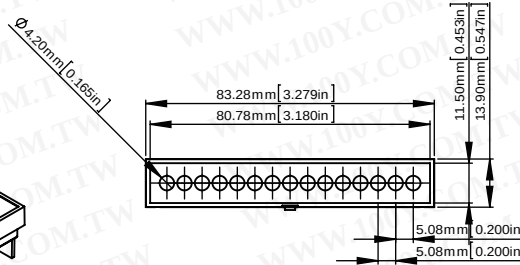
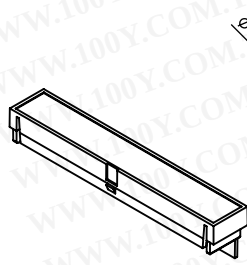
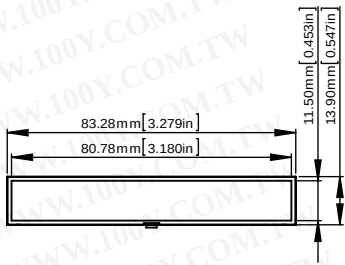
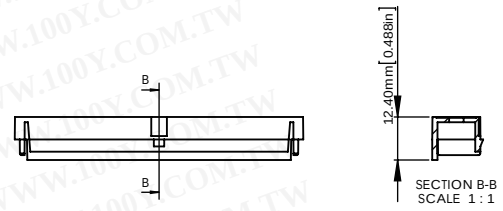
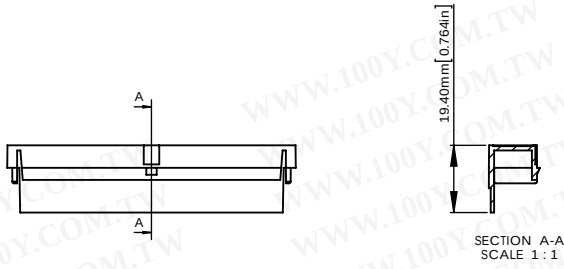
# D4MG-GUARD-NO

# D4MG-GUARD-HH



# D5MG-GUARD-NO

# D5MG-GUARD-HH

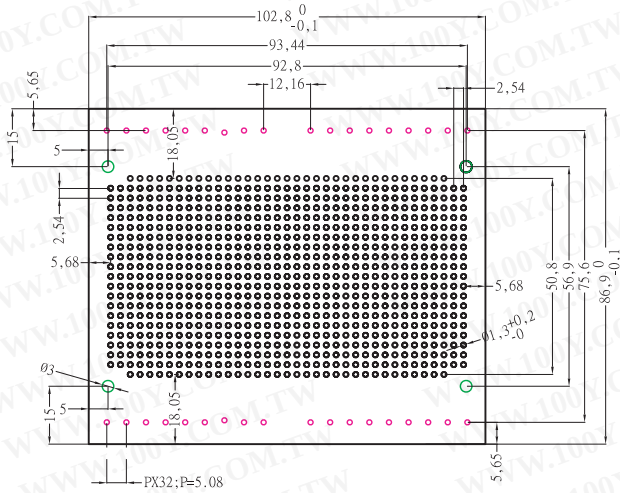


## PCB position "A"

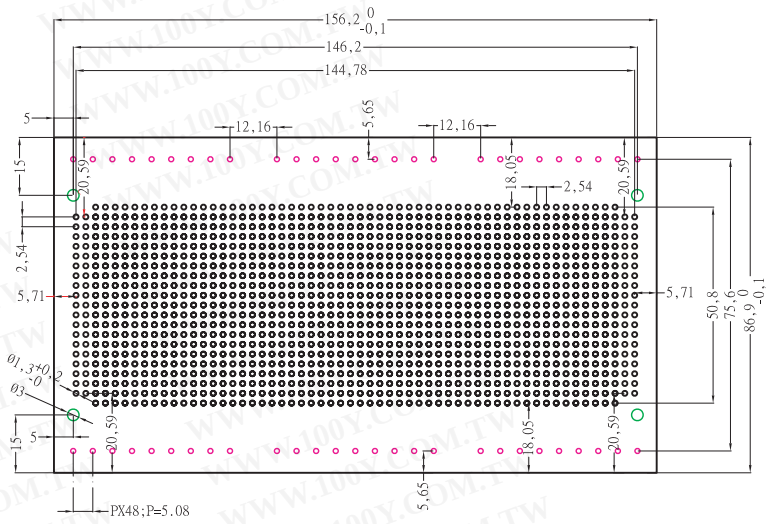


# RECOMMENDED CIRCUIT BOARD LAYOUT

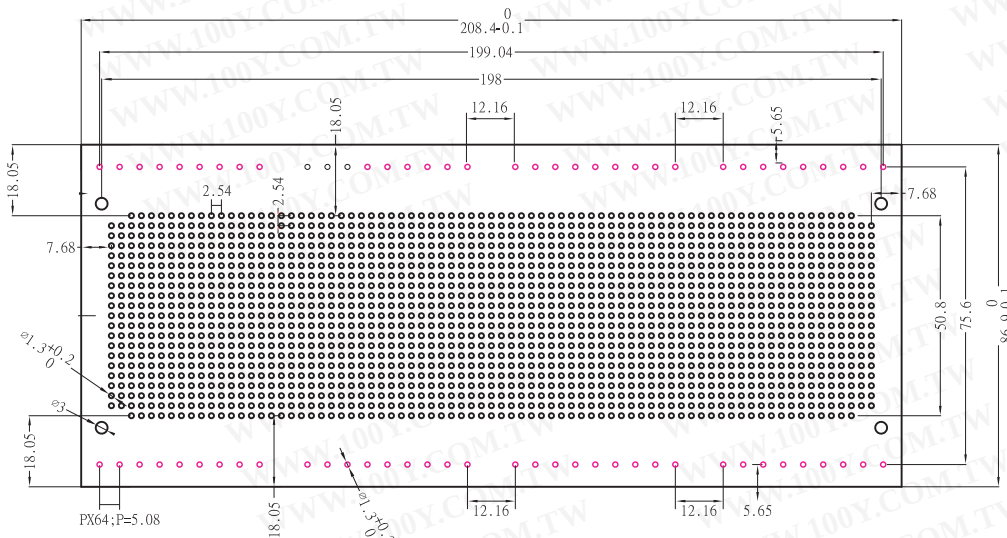
D6MG-PCB-A



D9MG-PCB-A



D12MG-PCB-A





## PRODUCT INFORMATION

### MATERIAL:

- Polycarbonate (Transparent) for G1901C, G1911C
- High impact ABS (UL94-HB) for G1901G, G1905, G1911G
- Flame retardant of ABS (UL94-V0) for G1903, G1906, G1908 & G1910

### FEATURES:

- G1901G/G1901C, or G1911G/G1911C – Ideally design for usb type of memory card or wireless product use.
- G1903, G1906, G1908 & G1910 - Ideally design for electronic product use.
- G1905 – Utility box with external mounting bracket.

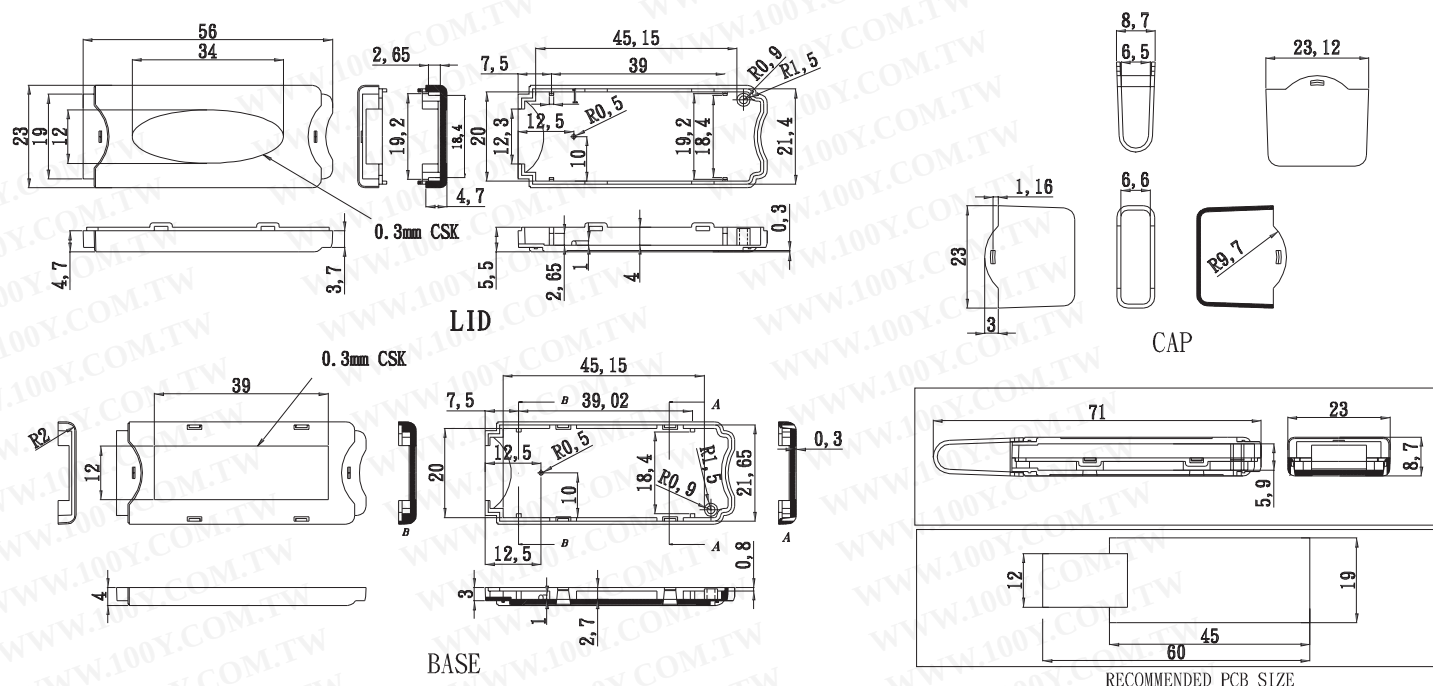
#### USB BOX

| ITEM No.          | EXTERNAL DIMENSION(MM) |
|-------------------|------------------------|
| <b>G1901G</b>     | 71 x 23 x 8.7          |
| <b>G1901C</b>     | 71 x 23 x 8.7          |
| <b>NEW G1911G</b> | 51.5 x 18 x 8.5        |
| <b>NEW G1911C</b> | 51.5 x 18 x 8.5        |

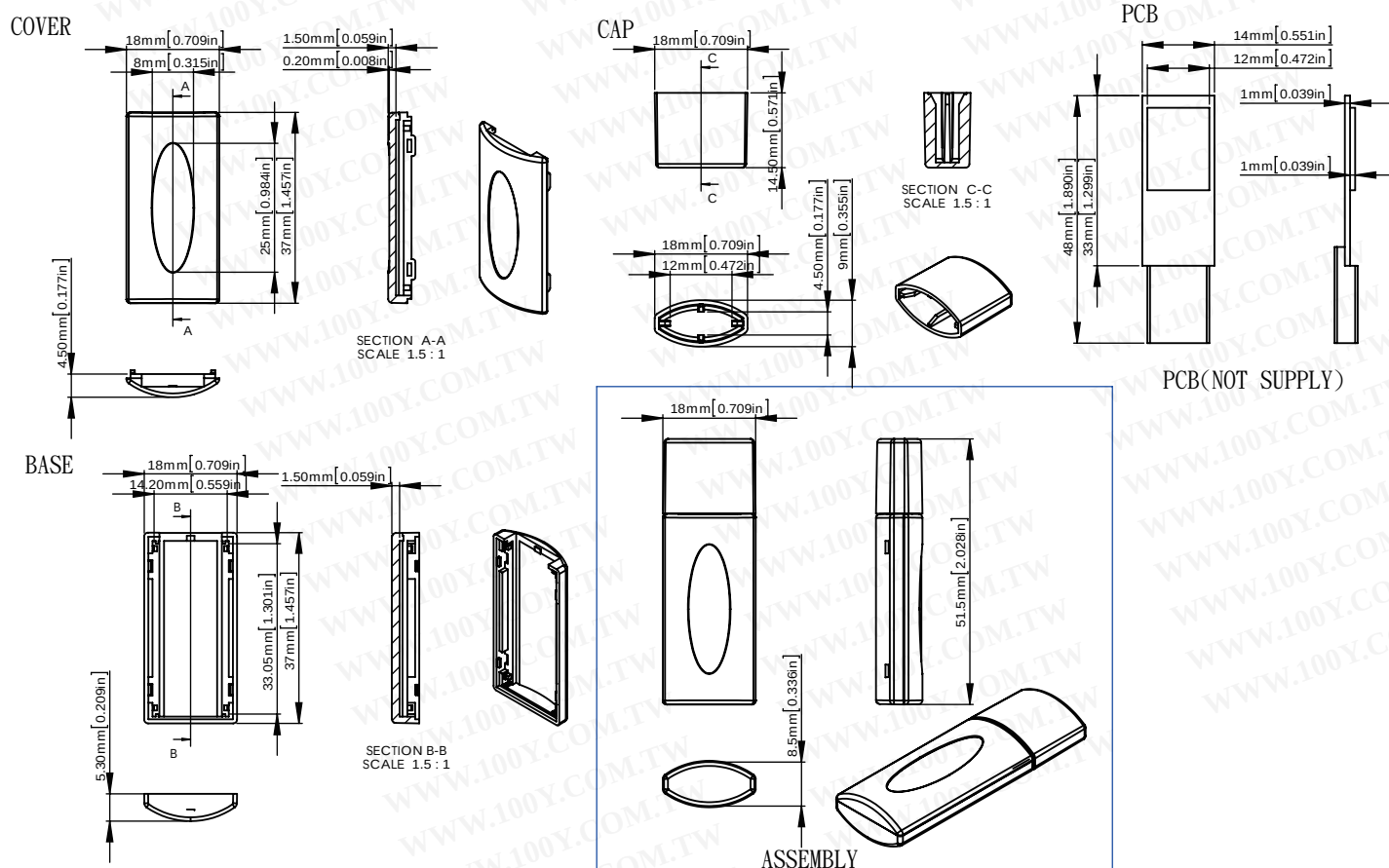
#### UTILITY BOX

| ITEM No.     | EXTERNAL DIMENSION(MM) |
|--------------|------------------------|
| <b>G1903</b> | 77 x 49 x 26.6         |
| <b>G1905</b> | 102 x 77 x 39.4        |
| <b>G1906</b> | 69.5 x 50.5 x 21       |
| <b>G1908</b> | 88.5 x 63 x 27.5       |
| <b>G1910</b> | 115 x 83 x 32          |

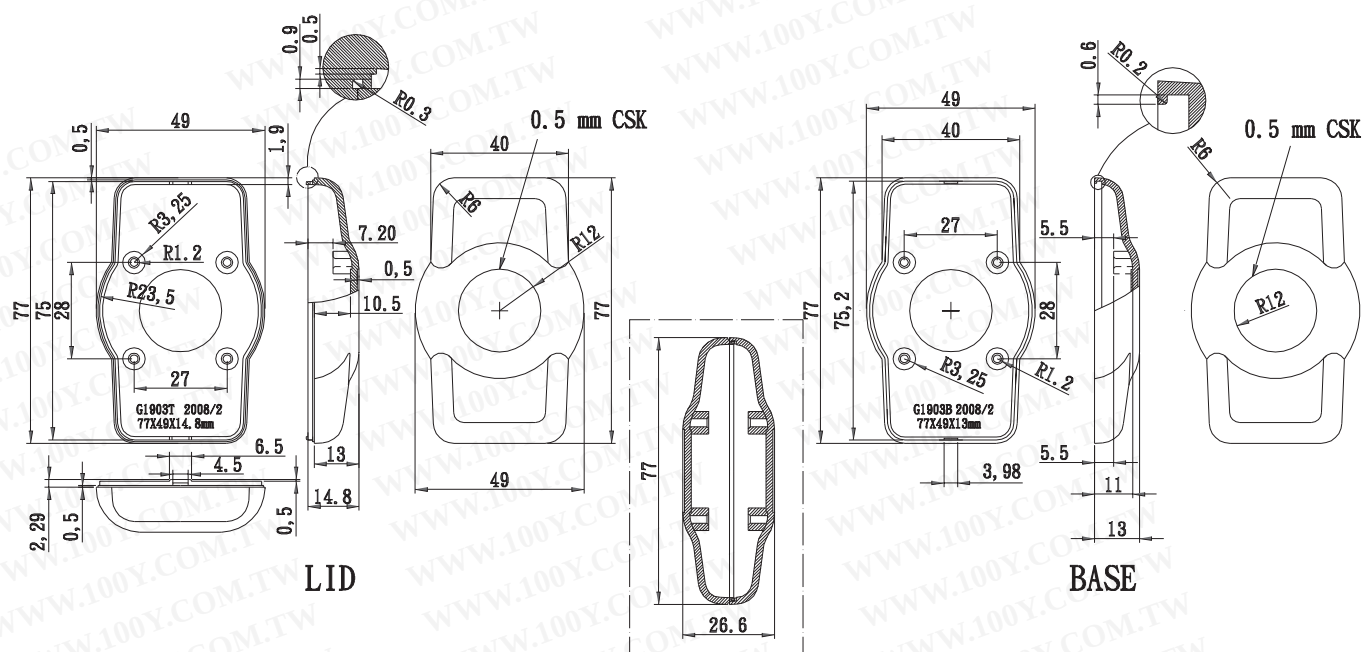
# G1901



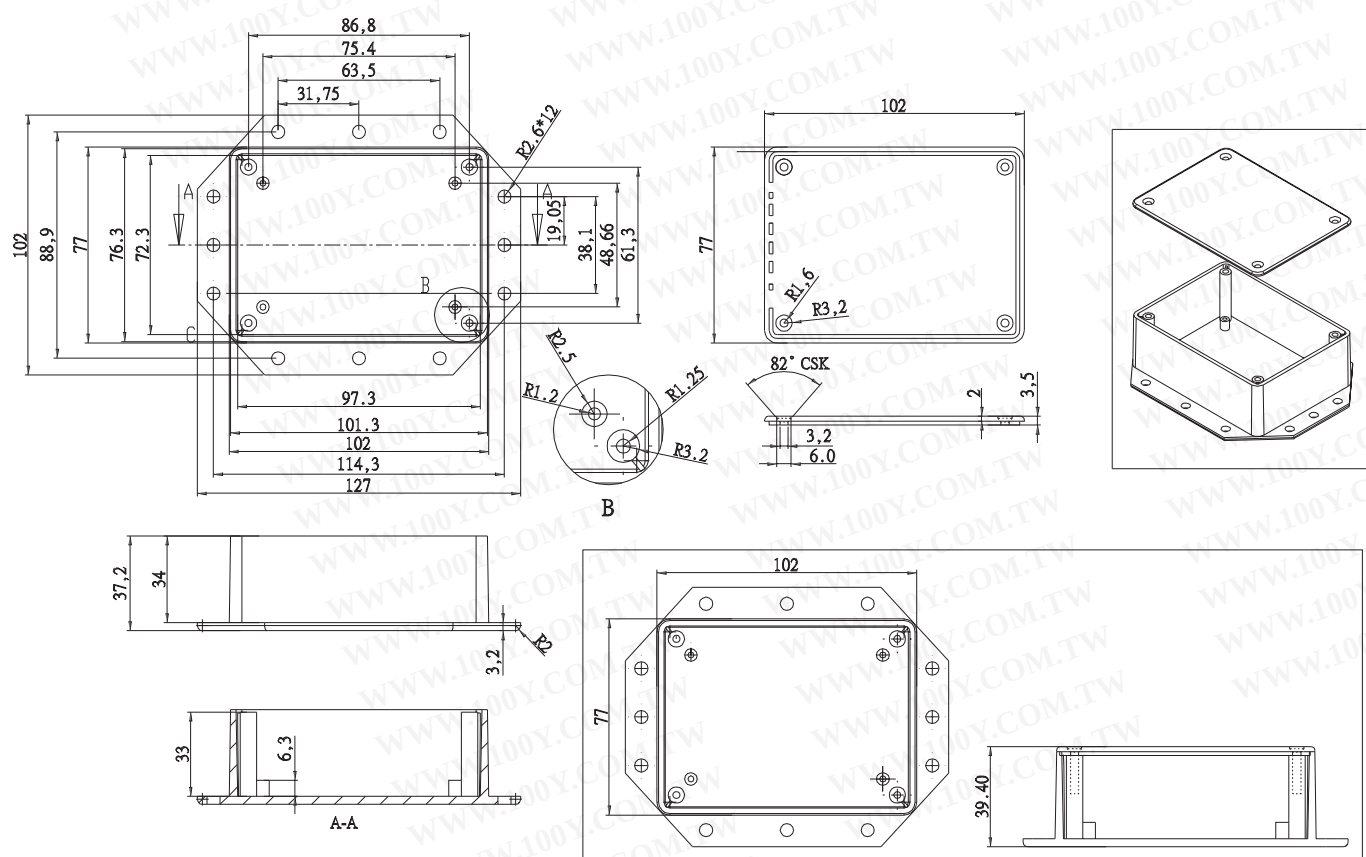
# G1911



G1903

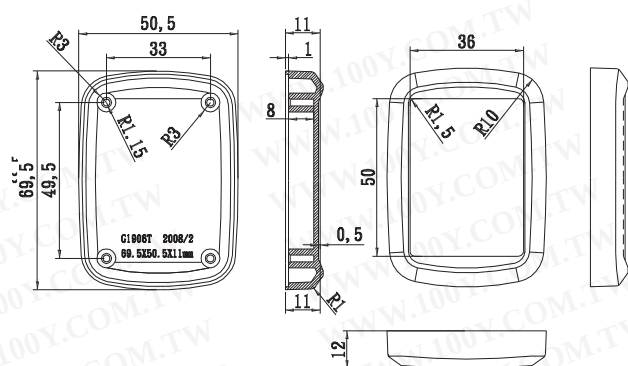


G1905

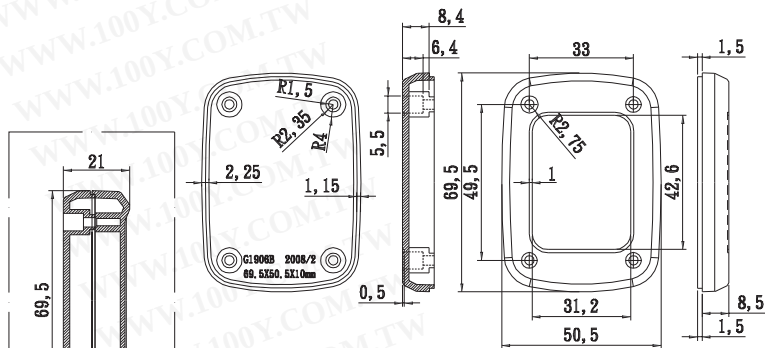


# G1906

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-34970699  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

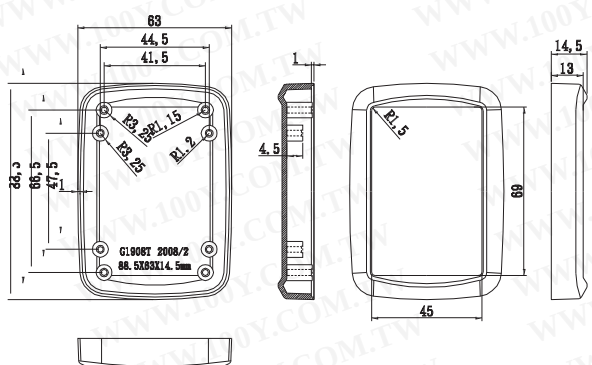


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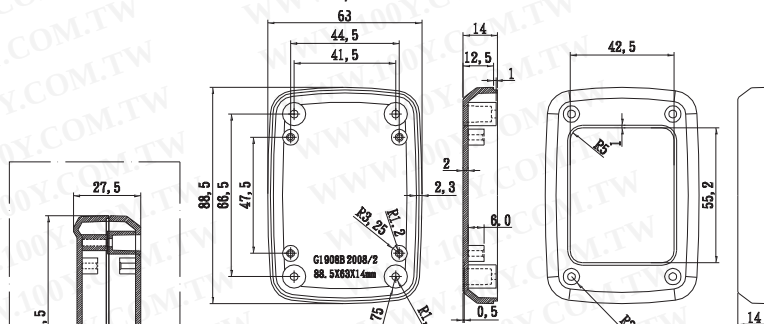


BASE

# G1908

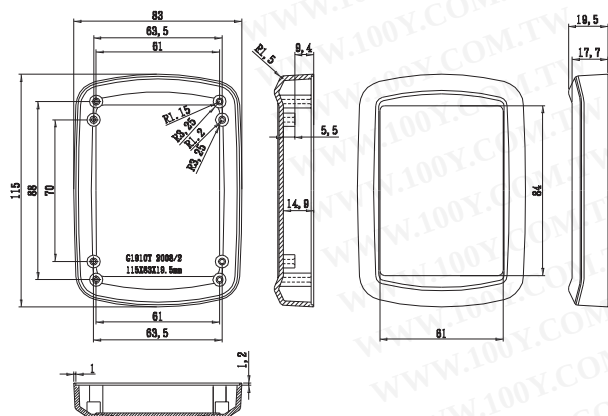


LID

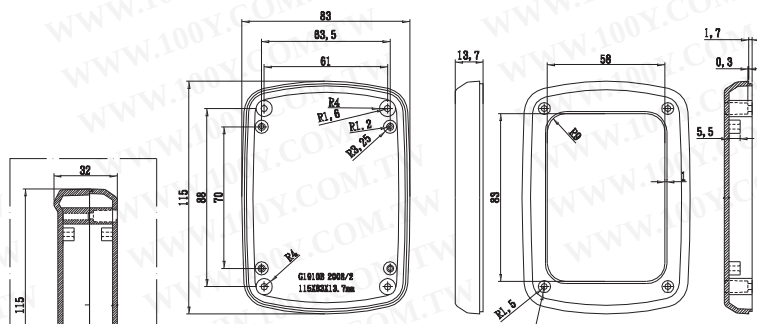


BASE

# G1910



LID



BASE