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GREEN WIRE FOR OUR EARTH

## WIRE/CABLE SPECIFICATION (線材規格書)

| Standard                                                                                                                                                                                                        |                                                                  | RSGE 5.5SQMM 200°C 300V                                                                                                                                                                      |                     |                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Item (項目)                                                                                                                                                                                                       |                                                                  | Unit (單位)                                                                                                                                                                                    | Specification (規格值) | Tolerance (容差) |
| General Specification (線種規格)                                                                                                                                                                                    |                                                                  | SQMM                                                                                                                                                                                         | 5.5                 |                |
| 芯線結構                                                                                                                                                                                                            | Conductor 導體                                                     | Material (材質)                                                                                                                                                                                | Tinned Copper       |                |
|                                                                                                                                                                                                                 |                                                                  | Structure (結構)                                                                                                                                                                               | No.×mm              | 34 / 0.45      |
|                                                                                                                                                                                                                 |                                                                  | Stranded Diameter (絞線外徑)                                                                                                                                                                     | mm                  | 3.1 ±0.05      |
|                                                                                                                                                                                                                 | Insulation 絕緣                                                    | Material (材質)                                                                                                                                                                                | Silicone Rubber     |                |
|                                                                                                                                                                                                                 |                                                                  | Average Thickness (平均厚度)                                                                                                                                                                     | mm                  | 0.70 ±0.1      |
|                                                                                                                                                                                                                 |                                                                  | Color (顏色)                                                                                                                                                                                   | White               |                |
|                                                                                                                                                                                                                 | Braid 編織                                                         | Material (材質)                                                                                                                                                                                | Fiberglass          |                |
|                                                                                                                                                                                                                 |                                                                  | Wall Thickness (壁厚)                                                                                                                                                                          | mm                  | 0.16 ±0.02     |
|                                                                                                                                                                                                                 | Color (顏色): White、Red、Black、Blue、Brown、Yellow、Green、Yellow/Green |                                                                                                                                                                                              |                     |                |
| Overall Outer Diameter (最後完成外徑)                                                                                                                                                                                 |                                                                  | mm                                                                                                                                                                                           | 4.82                | ±0.15          |
| Electric Characters 電氣特性                                                                                                                                                                                        | Rated Temperature (額定溫度)                                         |                                                                                                                                                                                              | °C                  | 200            |
|                                                                                                                                                                                                                 | Rated Voltage (額定電壓)                                             |                                                                                                                                                                                              | V-AC                | 300            |
|                                                                                                                                                                                                                 | Resistance of Insulation (水中常溫絕緣阻抗)                              |                                                                                                                                                                                              | MΩ/km               | 50             |
|                                                                                                                                                                                                                 | Withstand Voltage Spark (火花試驗)                                   |                                                                                                                                                                                              | KV/Sec              | 2              |
| Certification                                                                                                                                                                                                   |                                                                  | N/A                                                                                                                                                                                          |                     |                |
| Product Application (產品應用)                                                                                                                                                                                      |                                                                  | Structural Configuration (結構圖):                                                                                                                                                              |                     |                |
| <p>The wire can be used in various thermal places ranging from household appliances, lighting devices, industrial machines, to high-temperature furnace.</p> <p>適用於各種家用電器, 照明燈具, 工業機器, 電熱製品, 原料溶爐等, 高溫場所之配線</p> |                                                                  |  <p>Tinned Copper Wire (鍍錫銅導體)</p> <p>Silicone Rubber Insulation</p> <p>Braided Fiberglass (玻璃纖維編織)</p> |                     |                |