

| 型 名       | 社 名 | f | 最大定格 (Ta=25℃)                            |                 |                |                | 電 氣 的 特 性 (Ta=25℃) |                        |                  |                        |                     |       |                                      |                      |                        |                       |                      |                        |                      |                       |                        |                        |                        |                  | 外 形<br>備 考   |                                          |  |
|-----------|-----|---|------------------------------------------|-----------------|----------------|----------------|--------------------|------------------------|------------------|------------------------|---------------------|-------|--------------------------------------|----------------------|------------------------|-----------------------|----------------------|------------------------|----------------------|-----------------------|------------------------|------------------------|------------------------|------------------|--------------|------------------------------------------|--|
|           |     |   | V <sub>DS</sub><br>or<br>V <sub>DG</sub> | V <sub>GS</sub> | I <sub>D</sub> | P <sub>D</sub> | I <sub>GSS</sub>   |                        | I <sub>DSS</sub> |                        | V <sub>GS(th)</sub> |       | V <sub>DS</sub> =<br>V <sub>GS</sub> |                      | R <sub>DS(on)</sub>    |                       |                      | I <sub>D(on)</sub>     |                      | g <sub>fs</sub>       |                        | C <sub>iss</sub>       | C <sub>oss</sub>       | C <sub>rss</sub> |              | V <sub>GS=0</sub><br>V <sub>DS</sub> (V) |  |
|           |     |   |                                          |                 |                |                | (max)              | V <sub>GS</sub><br>(V) | (max)            | V <sub>DS</sub><br>(V) | min                 | max   | I <sub>D</sub><br>(mA)               | (max)<br>*typ<br>(Ω) | V <sub>GS</sub><br>(V) | I <sub>D</sub><br>(A) | (min)<br>*typ<br>(A) | V <sub>GS</sub><br>(V) | (min)<br>*typ<br>(S) | I <sub>D</sub><br>(A) | (typ)<br>(max)<br>(pF) | (typ)<br>(max)<br>(pF) | (typ)<br>(max)<br>(pF) |                  |              |                                          |  |
|           |     |   |                                          |                 |                |                |                    |                        |                  |                        |                     |       |                                      |                      |                        |                       |                      |                        |                      |                       |                        |                        |                        |                  |              |                                          |  |
| MFQ930C   | MOT | N | 35 ±30                                   | 2.0             | 2.0*           | 50             | 15                 | 10                     | 35               | 1.0                    | 3.5                 | 1.0   | 1.4                                  | 10                   | 1.0                    | 1.0                   | 10                   | 0.2                    | 0.5                  | 70                    | 60                     | 18                     | 25                     | 2SK ×4           |              |                                          |  |
| MFQ960C   | MOT | N | 60 ±30                                   | 2.0             | 2.0*           | 50             | 15                 | 10                     | 60               | 1.0                    | 3.5                 | 1.0   | 1.7                                  | 10                   | 1.0                    | 1.0                   | 10                   | 0.2                    | 0.5                  | 70                    | 60                     | 18                     | 25                     | 2SK ×4           |              |                                          |  |
| MFQ990C   | MOT | N | 90 ±30                                   | 2.0             | 2.0*           | 50             | 15                 | 10                     | 90               | 1.0                    | 3.5                 | 1.0   | 2.0                                  | 10                   | 1.0                    | 1.0                   | 10                   | 0.2                    | 0.5                  | 70                    | 60                     | 18                     | 25                     | 2SK ×4           |              |                                          |  |
| MGM20N45  | MOT | N | 450 ±20                                  | 20              | 100            | 500            | 20                 | 250                    | 383              | 2.0                    | 4.5                 | 1     | 0.27                                 | 10                   | 10                     |                       |                      | 3.0                    | 10                   | 950                   | 150                    | 60                     | 25                     | TO-204AA         |              |                                          |  |
| MGM20N50  | MOT | N | 500 ±20                                  | 20              | 100            | 500            | 20                 | 250                    | 425              | 2.0                    | 4.5                 | 1     | 0.27                                 | 10                   | 10                     |                       |                      | 3.0                    | 10                   | 950                   | 150                    | 60                     | 25                     | TO-204AA         |              |                                          |  |
| MGP20N45  | MOT | N | 450 ±20                                  | 20              | 100            | 500            | 20                 | 250                    | 383              | 2.0                    | 4.5                 | 1     | 0.27                                 | 10                   | 10                     |                       |                      | 3.0                    | 10                   | 950                   | 150                    | 60                     | 25                     | TO-220AB         |              |                                          |  |
| MGP20N50  | MOT | N | 500 ±20                                  | 20              | 100            | 500            | 20                 | 250                    | 425              | 2.0                    | 4.5                 | 1     | 0.27                                 | 10                   | 10                     |                       |                      | 3.0                    | 10                   | 950                   | 150                    | 60                     | 25                     | TO-220AB         |              |                                          |  |
| MLA1N06CL | MOT | N | 62 ±10                                   | 1.8             | 40             | 5 μ            | 5                  | 5 μ                    | 45               | 1                      | 2                   | 0.25  | 0.75                                 | 4                    | 1                      |                       |                      | 1                      | 1                    |                       |                        |                        |                        |                  | CASE 221D-02 |                                          |  |
| MLP1N06CL | MOT | N | 62 ±10                                   | 1.8             | 30             | 5 μ            | 5                  | 5 μ                    | 45               | 1                      | 2                   | 0.25  | 0.75                                 | 4                    | 1                      |                       |                      | 1                      | 1                    |                       |                        |                        |                        |                  | TO-220AB     |                                          |  |
| MMBF170   | MOT | N | 60 ±20                                   | 0.5             | 0.55           | 10             | 15                 |                        |                  | 0.8                    | 3                   | 1     | 5                                    | 10                   | 0.2                    |                       |                      |                        |                      | 60                    |                        |                        | 10                     |                  | TO-236AA     |                                          |  |
| MPF910    | MOT | N | 60 ±15                                   | 0.5             | 1.0            | 10             | 10                 | 10                     | 40               | 0.3                    | 2.5                 | 1.0   |                                      |                      |                        | 0.5                   | 10                   | 0.1                    | 0.5                  |                       |                        |                        |                        |                  | TO-226AE     |                                          |  |
| MPF930    | MOT | N | 35 ±30                                   | 2.0             | 1.0            | 50             | 15                 | 10                     | 35               | 1.0                    | 3.5                 | 1.0   | 1.4                                  | 10                   | 1.0                    | 1.0                   | 10                   | 0.2                    | 0.5                  | 70                    | 60                     | 18                     | 25                     |                  | TO-226AE     |                                          |  |
| MPF960    | MOT | N | 60 ±30                                   | 2.0             | 1.0            | 50             | 15                 | 10                     | 60               | 1.0                    | 3.5                 | 1.0   | 1.7                                  | 10                   | 1.0                    | 1.0                   | 10                   | 0.2                    | 0.5                  | 70                    | 60                     | 18                     | 25                     |                  | TO-226AE     |                                          |  |
| MPF990    | MOT | N | 90 ±30                                   | 2.0             | 1.0            | 50             | 15                 | 10                     | 60               | 1.0                    | 3.5                 | 1.0   | 2.0                                  | 10                   | 1.0                    | 1.0                   | 10                   | 0.2                    | 0.5                  | 70                    | 60                     | 18                     | 25                     |                  | TO-226AE     |                                          |  |
| MPF4150   | MOT | N | 150 ±20                                  | 0.25            | 0.625          | -1             | -15                | 800m                   | 10               | -1                     | -6                  | 0.001 | 12                                   | 0                    | 0.1                    |                       |                      | 0.1                    | 0.05                 | 125                   |                        | 15                     | 10                     |                  | TO-226AA     |                                          |  |
| MPF6660   | MOT | N | 60 ±30                                   | 2.0             | 2.5            | 100            | 15                 | 10                     | 60               | 0.8                    | 2.0                 | 1.0   | 3.0                                  | 10                   | 1.0                    | 1.0                   | 10                   | 0.17                   | 0.5                  | 50                    | 40                     | 10                     | 25                     |                  | TO-226AE     |                                          |  |
| MPF6661   | MOT | N | 90 ±30                                   | 2.0             | 2.5            | 100            | 15                 | 10                     | 90               | 0.8                    | 2.0                 | 1.0   | 4.0                                  | 10                   | 1.0                    | 1.0                   | 10                   | 0.17                   | 0.5                  | 50                    | 40                     | 10                     | 25                     |                  | TO-226AE     |                                          |  |
| MPF9200   | MOT | N | 200 ±20                                  | 0.4             | 0.6            | 50             | 15                 | 10                     | 200              | 1.0                    | 4.0                 | 1.0   | 0.4                                  | 25                   | 0.25                   | 0.4                   | 10                   | 0.2                    | 0.25                 | 90                    | 20                     | 3.5                    | 25                     |                  | CASE29-02    |                                          |  |
| MPM3002   | MOT | N | 100 ±20                                  | 12              | 62.5           | ±100           | ±20                | 200                    | 200              | 2                      | 4.5                 | 1     | 0.15                                 | 10                   | 4                      |                       |                      | 3                      | 4                    | 900                   | 450                    | 200                    | 25                     |                  | CASE806-02   |                                          |  |
| MPM3003   | MOT | N | 60                                       |                 | 10             |                |                    |                        |                  |                        |                     | 0.28  |                                      |                      |                        |                       |                      |                        |                      |                       |                        |                        |                        |                  | ICe PAK      |                                          |  |
| MPM3004   | MOT | N | 60 ±15                                   | 10              | 42             | ±100           | ±20                | 100                    | 60               | 2                      | 4.5                 | 1     | 0.15                                 | 10                   | 5                      |                       |                      | 4                      | 5                    | 600*                  | 300*                   | 135*                   | 25                     |                  | CASE806-02   |                                          |  |
| MRF141G   | MOT | N | 65 ±40                                   | 32              | 500            | 1000           | 20                 | 5000                   | 28               | 1                      | 5                   | 100   |                                      |                      |                        |                       | 5                    | 5                      | 350*                 | 420*                  | 40*                    | 28                     |                        |                  | CASE375-01   |                                          |  |
| MRF151G   | MOT | N | 125 ±40                                  | 40              | 500            | 1000           | 20                 | 5000                   | 50               | 1                      | 5                   | 100   |                                      |                      |                        |                       | 5                    | 5                      | 350*                 | 225*                  | 20*                    | 50                     |                        |                  | CASE375-01   |                                          |  |
| MRF157    | MOT | N | 125 ±20                                  | 60              | 1350           | 5 μ            | 20                 | 20m                    | 50               | 1                      | 5                   | 100   |                                      |                      |                        |                       | 20                   | 20                     | 1800*                | 750*                  | 75*                    | 50                     |                        |                  | CASE368-02   |                                          |  |
| MRF158    | MOT | N | 65 ±40                                   | 0.5             | 8              | 1 μ            | 40                 | 0.5m                   | 28               | 1                      | 6                   | 10    |                                      |                      |                        |                       | 0.05                 | 0.1                    | 3*                   | 4.2*                  | 0.45*                  | 28                     |                        |                  | CASE305A-01  |                                          |  |
| MRF158R   | MOT | N | 65 ±40                                   | 0.5             | 8              | 1 μ            | 40                 | 0.5m                   | 28               | 1                      | 6                   | 10    |                                      |                      |                        |                       | 0.05                 | 0.1                    | 3*                   | 4.2*                  | 0.45*                  | 28                     |                        |                  | CASE79-05    |                                          |  |
| MRF164W   | MOT | N | 65 ±40                                   | 5               | 116            | 1 μ            | 40                 | 1m                     | 28               | 1                      | 6                   | 10    |                                      |                      |                        |                       | 0.2                  | 0.75                   | 18*                  | 20*                   | 2.5*                   | 28                     |                        |                  | CASE412-01   |                                          |  |
| MRF166    | MOT | N | 65 ±40                                   | 4               | 70             | 1 μ            | 40                 | 1m                     | 28               | 1                      | 6                   | 10    |                                      |                      |                        |                       | 0.6                  | 1.5                    | 30*                  | 35*                   | 4.5*                   | 28                     |                        |                  | CASE211-07   |                                          |  |
| MRF166C   | MOT | N | 65 ±40                                   | 4               | 70             | 1 μ            | 40                 | 1m                     | 28               | 1                      | 6                   | 10    |                                      |                      |                        |                       | 0.6                  | 1.5                    | 30*                  | 35*                   | 4.5*                   | 28                     |                        |                  | CASE319-06   |                                          |  |
| MRF173    | MOT | N | 65 ±40                                   | 9               | 220            | 1 μ            | 40                 | 2m                     | 28               | 1                      | 6                   | 10    |                                      |                      |                        |                       | 1.8                  | 2                      | 110*                 | 105*                  | 10*                    | 28                     |                        |                  | CASE211-11   |                                          |  |

チャネルの \* は Pch と Nch の両方が入っていることを表す。

勝 特 力 材 料 866-3-5753170

胜特力电子(上海) 86-21-54151736

胜特力电子(深圳) 86-755-83298787

Http://www.100y.com.tw