

I-T Characteristics / 時間-電流特性

| Ampere Rating<br>額定電流 | % of Ampere Rating<br>額定電流% | Opening Time<br>熔斷時間                 |
|-----------------------|-----------------------------|--------------------------------------|
| 250mA~6.3A            | 150%                        | 1 Hrs Min. / 最短1小時                   |
| 8A~15A                |                             | 30min Min. / 最短30分鐘                  |
| 250mA~15A             | 210%                        | 30min Max. / 最長30分鐘                  |
| 250mA~4A              | 275%                        | 10ms Min. 2s Max. / 最短10毫秒, 最長2秒     |
| 5A~6.3A               |                             | 10ms Min. 3s Max. / 最短10毫秒, 最長3秒     |
| 8A~15A                |                             | 40ms Min. 20s Max. / 最短40毫秒, 最長20秒   |
| 250mA~6.3A            | 400%                        | 3ms Min. 300ms Max. / 最短3毫秒, 最長300毫秒 |
| 8.0A~15A              |                             | 10ms Min. 1s Max. / 最短10毫秒, 最長1秒     |
| 250mA~6.3A            | 1000%                       | 20ms Max. / 最長20毫秒                   |
| 8.0A~15A              |                             | 30ms Max. / 最長30毫秒                   |

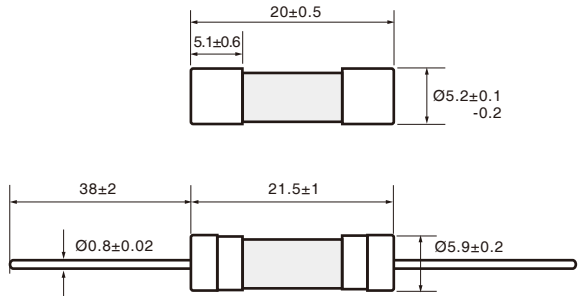
In accordance with IEC60127-2 standard, sheet1 / 遵循 IEC60127-2, 規格單1



Product Features / 產品特性

|  |  |
|--|--|
| Materials<br>材質                            | Body / 本體 : ceramic tube / 陶瓷管<br>Lead / 引線 : tinned copper wire / 鍍錫銅線<br>Cap / 銅帽 : brass with nickel plated / 銅鍍鎳<br>Element / 熔絲 : alloy / 合金線   |
| Operating Temperature<br>操作溫度              | -55°C to +125°C (consider de-rating / 需考慮溫度折減)   |
| Solderability<br>可焊性                       | 260°C, ≤ 3s. (wave / 波峰焊)<br>350±10°C, ≤ 3s. (soldering iron / 烙鐵焊)  |
| Resistance to Soldering Heat<br>耐焊接熱       | 260°C, 10s. (wave / 波峰焊)<br>350°C, 5s. (soldering iron / 烙鐵焊)  |
| Recommended Soldering Parameters<br>建議焊錫參數 | Wave soldering parameter / 波峰焊<br>Soldering pot temperature / 錫爐溫度 : 260°C Max<br>Solder dwell time / 焊接時間 : 2~5s  |
|  | Hand welding parameter / 手工焊<br>Soldering iron temperature / 烙鐵溫度 : 350±5°C<br>Solder dwell time / 焊接時間 : 5s Max.  |
| Storage Conditions<br>儲存條件                 | Can be stored for 3 years under tight seal condition at temperature of +10°C~60°C, relative humidity ≤ 75%.<br>在溫度+10°C~60°C, 相對濕度 ≤ 75% 的密閉條件下可存放 3 年。<br>At most can be kept 30 days at temperature +10°C~60°C, relative humidity ≤ 95% under covered conditions.<br>在溫度+10°C~60°C, 相對濕度為 95% 的非露天下最多可存放 30 天。 |

Dimensions / 尺寸圖 (Unit / 單位:mm)



Electrical Characteristics / 電氣特性

| Rated Current<br>額定電流 | Rated Voltage<br>額定電壓 | Breaking Capacity<br>分斷能力  | Safety Approvals 安全認證 |     |     |     |     |        |
|-----------------------|-----------------------|----------------------------|-----------------------|-----|-----|-----|-----|--------|
|                       |                       |                            | UL <sup>®</sup> US    | VDE | VDE | CCC | CCC | PS JET |
| 250mA                 | 250V                  | 250mA~15A<br>1500A@250V AC | ●                     | ●   | ●   | ●   | ●   | ●      |
| 315mA                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 400mA                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 500mA                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 630mA                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 800mA                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 1.00A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 1.25A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 1.60A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 2.00A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 2.50A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 3.15A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 4.00A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 5.00A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 6.30A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 8.00A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 10.0A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 12.0A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |
| 15.0A                 | 250V                  |                            | ●                     | ●   | ●   | ●   | ●   | ●      |