

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 |
|-----------------------|-----------------------------|----------------------|
| 100mA~7A              | 100%                        | 4 Hrs Min. / 最短4小時   |
|                       | 135%                        | 1 Hr Max. / 最長1小時    |
|                       | 200%                        | 120s Max. / 最長120秒   |
|                       | 1000%                       | 10ms Min. / 最短10毫秒   |

In accordance with UL 248-1 / -14 standard / 遵循UL 248-1 / -14

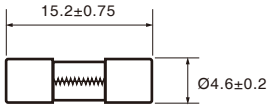
Product Features / 產品特性

|                                            |                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Materials<br>材質                            | Body / 本體: Glass tube / 玻璃管<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% 的非露天最多可存放 30 天。 |

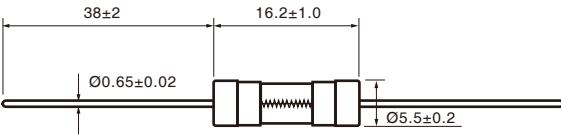


Dimensions / 尺寸圖 (Unit / 單位:mm)

BGT Series



BTP Series



Electrical Characteristics / 電氣特性

| Type<br>型號 | 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 |           |
|------------|-----------------------|-----------------------|----------------------------|-----------------------|-----------|
|            |                       |                       |                            | cUL <sub>us</sub>     | PS<br>JET |
| BGT/BTP    | 100mA                 | 125V/250V             | 100mA~7A<br>10000A@125V AC | ●                     |           |
| BGT/BTP    | 125mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 150mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 160mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 200mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 250mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 300mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 315mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 350mA                 | 125V/250V             | 100mA~1A<br>35A@250V AC    | ●                     |           |
| BGT/BTP    | 375mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 400mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 500mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 600mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 630mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 750mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 800mA                 | 125V/250V             |                            | ●                     |           |
| BGT/BTP    | 1.00A                 | 125V/250V             | 1.1A~3.5A<br>100A@250V AC  | ●                     | ●         |
| BGT/BTP    | 1.25A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 1.50A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 1.60A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 2.00A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 2.50A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 3.00A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 3.15A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 3.50A                 | 125V/250V             | 3.6A~7A<br>200A@250V AC    | ●                     | ●         |
| BGT/BTP    | 4.00A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 5.00A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 6.00A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 6.30A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    | 7.00A                 | 125V/250V             |                            | ●                     | ●         |
| BGT/BTP    |                       |                       |                            | ●                     | ●         |
| BGT/BTP    |                       |                       |                            | ●                     | ●         |