

**NANO 1032SF Series / 10.25×3.2 mm / Fast Acting Type**

**I-T Characteristics / 時間-電流特性**

| Ampere Rating<br>額定電流 | % of Ampere Rating<br>額定電流百分比 | Opening Time<br>熔斷時間 |
|-----------------------|-------------------------------|----------------------|
| 20A~60A               | 100%                          | 4 Hrs Min. / 最短4小時   |
|                       | 200%                          | 60s Max. / 最長60秒     |
|                       | 1000%                         | 1ms Min. / 最短1毫秒     |

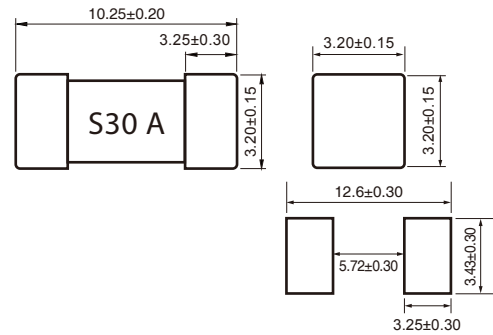
In accordance with UL248-14 and IEC60127-4 / 遵循 UL28-14 和 IEC60127-4



**Product Features / 產品特性**

|  |   |
|--|---|
| Materials<br>材質                            | Body / 本體: ceramic tube / 陶瓷管<br>Cap / 銅帽: brass with gold plated / 黃銅鍍金<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                       | T / 熔錫溫度=235°C±5°C, t / 浸錫時間=5+0/-0.5s, Cover / 覆蓋率 ≥95%  |
| Resistance to Soldering Heat<br>耐焊接熱       | T / 熔錫溫度=260°C±5°C, t / 浸錫時間=10s ±1s  |
| Recommended Soldering Parameters<br>建議焊錫參數 | 260°C, 10s Max. (solder-reflow / 回流焊)   |
| Storage Conditions<br>儲存條件                 | Can be stored for 2 years under tight seal condition at temperature of +10°C~40°C, relative humidity ≤ 75%.<br>在溫度+10°C~40°C, 相對濕度 ≤ 75% 的密閉條件下可存放 2 年。<br>At most can be kept 30 days at temperature +10°C~40°C, relative humidity ≤ 95% under covered conditions.<br>在溫度+10°C~40°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)**



**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 |
|-----------------------|-----------------------|-------------------------------|-----------------------|
|                       |                       |                               |                       |
| 20A                   | 250VAC / 100VDC       | 100A@ 250V AC<br>300A@ 65V AC | ●                     |
| 25A                   | 250VAC / 100VDC       | 300A@ 100V DC<br>500A@ 72V DC | ●                     |
| 30A                   | 250VAC / 100VDC       | 1000A@ 32V DC                 | ●                     |
| 40A                   | 250VAC / 72VDC        | 100A@ 250V AC<br>300A@ 65V AC | ●                     |
| 50A                   | 250VAC / 72VDC        | 180A@ 72V DC<br>600A@ 60V DC  | ●                     |
| 60A                   | 250VAC / 72VDC        |                               | ●                     |