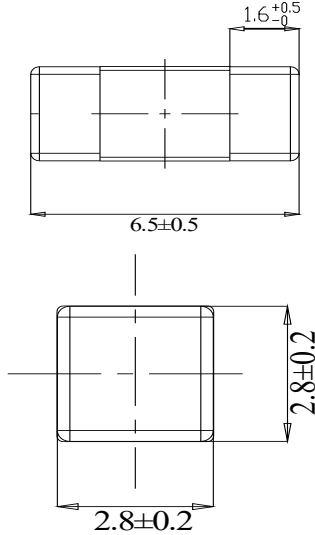


## 244 Brick Fuse



Dimensions(unit:mm)



### Main Characteristics

Brick Fuse;Time-Lag(T)

### Standard

UL248-14

### Materials

Body: Ceramic

End Caps:Copper plated with silver

### Operating Temperature

-55℃ to +125℃

### Stock Temperature

+10℃ to +60℃

Relative humidity:≤75% yearly average

Without dew, maximum 30 days at 95%

### Vibration Resistance

120 cycles in 1 direction at 1 min. each

10-55Hz, 3 directions(X, Y, Z) in total

According to MIL-STD-202 Method 201A

### Soldering Parameters

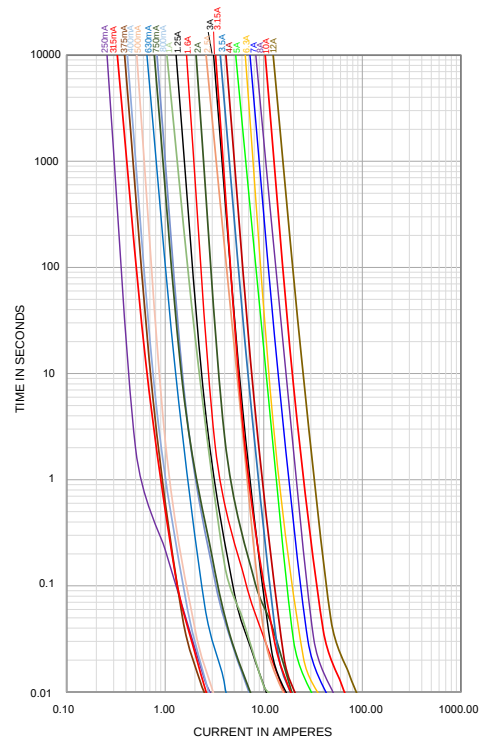
260℃.≤10 sec (Wave Soldering)

350℃.≤3 sec (Hand Soldering)

Soldering Peak:

260℃. 10 sec.

280℃. 5 sec. (IEC 60068-20)



Time vs Current Characteristics: UL248-14

| Rated Current | 100% | 200%  |
|---------------|------|-------|
| 250mA~12A     | >4h  | <120s |



Electrical Characteristics at 25℃

| Amp Code | Rated Current | Rated Voltage                 | Typical Voltage Drop Max(mV) | Breaking Capacity                           | Typical Melting I²T (A²s) | Typical cold Resistance (mΩ) | Approvals |     |     |    |     |
|----------|---------------|-------------------------------|------------------------------|---------------------------------------------|---------------------------|------------------------------|-----------|-----|-----|----|-----|
|          |               |                               |                              |                                             |                           |                              | cURus     | CQC | TUV | KC | PSE |
| 0250     | 250mA         | 125V AC<br>250V AC<br>125V DC | 800                          | 100A@125V AC<br>100A@250V AC<br>50A@125V DC | 0.083                     | 620.7                        | •         | ○   | ○   | ○  | ○   |
| 0315     | 315mA         |                               | 750                          |                                             | 0.054                     | 1578.6                       | •         | ○   | ○   | ○  | ○   |
| 0375     | 375mA         |                               | 700                          |                                             | 0.034                     | 987.8                        | •         | ○   | ○   | ○  | ○   |
| 0400     | 400mA         |                               | 700                          |                                             | 0.051                     | 962.7                        | •         | ○   | ○   | ○  | ○   |
| 0500     | 500mA         |                               | 600                          |                                             | 0.058                     | 560.9                        | •         | •   | •   | •  | ○   |
| 0630     | 630mA         |                               | 500                          |                                             | 0.160                     | 400.8                        | •         | •   | •   | ○  | ○   |
| 0750     | 750mA         |                               | 500                          |                                             | 0.523                     | 299.4                        | •         | ○   | ○   | ○  | ○   |
| 0800     | 800mA         |                               | 400                          |                                             | 0.478                     | 307.0                        | •         | ○   | •   | ○  | ○   |
| 1100     | 1.00A         |                               | 400                          |                                             | 1.133                     | 241.7                        | •         | •   | •   | •  | •   |
| 1125     | 1.25A         |                               | 300                          |                                             | 1.036                     | 170.7                        | •         | ○   | •   | ○  | ○   |
| 1160     | 1.60A         |                               | 300                          |                                             | 2.578                     | 127.3                        | •         | ○   | •   | ○  | ○   |
| 1200     | 2.00A         |                               | 300                          |                                             | 3.492                     | 93.2                         | •         | •   | •   | •  | •   |
| 1250     | 2.50A         |                               | 300                          |                                             | 2.206                     | 23.7                         | •         | •   | •   | •  | •   |
| 1300     | 3.00A         |                               | 300                          |                                             | 2.493                     | 21.9                         | •         | ○   | ○   | ○  | ○   |
| 1315     | 3.15A         |                               | 300                          |                                             | 3.274                     | 18.4                         | •         | •   | •   | •  | •   |
| 1350     | 3.50A         |                               | 300                          |                                             | 3.148                     | 20.8                         | •         | ○   | ○   | ○  | ○   |
| 1400     | 4.00A         |                               | 300                          |                                             | 3.680                     | 15.4                         | •         | •   | •   | •  | •   |
| 1500     | 5.00A         |                               | 300                          |                                             | 8.325                     | 10.4                         | •         | •   | •   | •  | •   |
| 1630     | 6.30A         |                               | 300                          |                                             | 10.44                     | 9.06                         | •         | •   | •   | •  | •   |
| 1700     | 7.00A         |                               | 300                          |                                             | 16.32                     | 7.29                         | •         | ○   | •   | ○  | ○   |
| 1800     | 8.00A         |                               | 300                          |                                             | 22.59                     | 6.58                         | ○         | ○   | ○   | ○  | ○   |
| 2100     | 10.00A        |                               | 300                          |                                             | 39.70                     | 4.78                         | ○         | ○   | ○   | ○  | ○   |
| 2120     | 12.00A        |                               | 300                          |                                             | 76.75                     | 4.00                         | ○         | ○   | ○   | ○  | ○   |

**Note:** (1) Permissible continuous operating current is ≤100% at ambient temperature of 23℃ (73.4°F)  
(2) The current values used for calculating I²T should be within the standard 10In.  
(3) The TUV certification only for 250VAC and 125VDC; the CQC, KC certification only for 250V; the cURus certification for all voltage.  
(4) 250mA No sand filling

### Ordering Information

| Series | Amp Code | Supplementary Code | Qty |
|--------|----------|--------------------|-----|
| 244    |          |                    |     |



### Sales Contact

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### Technical Support

Kenny@betterfuse.com

National High-tech Enterprise  
SC 32C National Technical  
Committee Member of China  
Intertek ISO 9001 Certified Company  
Intertek ISO 14001 Certified Company  
Intertek QC 080000 Certified Company  
NQA IATF 16949 Certified Company

国家高新技术企业  
SC 32C 国内专家组成员单位  
ISO 9001 认证企业  
ISO 14001 认证企业  
QC 080000 认证企业  
IATF 16949 认证体系