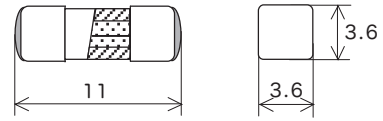
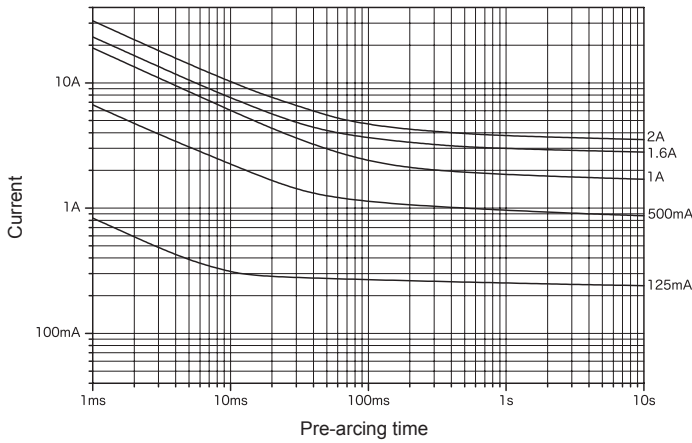
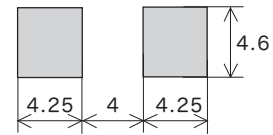


Representative pre-arcing time-current characteristics



Land pattern for reflow soldering (reference dimensions)



Scale: 2/1 (mm)

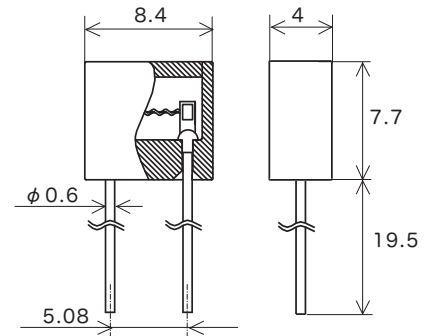
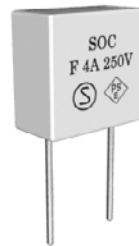
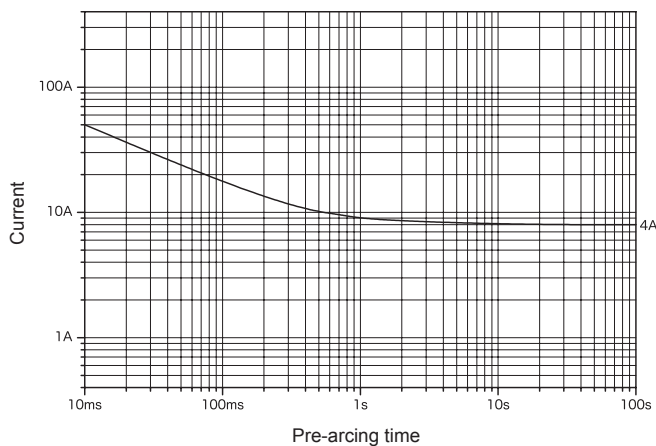
| Rated voltage | Certification | Rated current (I_N) | Rated breaking current | | Temp. rise | Current carrying capacity | Overload operation |
|---------------|---------------|-------------------------|------------------------|-------------------|---------------------------|--|--------------------------|
| DC 600 V | | 63 mA–3.15 A *1 | 100 A | Resistive circuit | 75 K or less at 1.0 I_N | 1.0 I_N until temperature stabilization occurs | Within 60 s at 2.0 I_N |
| DC 425 V | | 4 A | | | | | |

*1: Customer-requested rated current values can be supplied from within the given range.

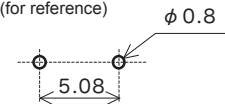
*2: This product uses high melting temperature type solder containing 85% by weight or more lead. This type of solder is exempted from the RoHS Directive.

SMC

Pre-arcing time-current characteristics (for reference)



Dimensions of mounting holes (for reference)



Scale: 2/1 (mm)

| Rated voltage | Certification | Rated current (I_N) | Rated breaking current | | Temp. rise | Endurance test | Pre-arcing time-current characteristics |
|---------------|---------------|-------------------------|------------------------|--------------|------------|----------------|---|
| AC 250 V | | 4 A | 40 A | PF over 0.95 | *1 | *2 | *3 |

*1: After passing 1.5 I_N through 15 min, the current is increased by 0.1 I_N every 15 min until the fuse operates. While the current is being increased, the temperature rise at each part of the fuse shall not exceed 135 K.

*2: After repeating 100 cycles of the rated current 1 h on / 15 min off, 1.5 I_N is passed through the fuse for 1 h.

*3:

| | | | |
|---------------|------------|---------------|---------------|
| 2.1 I_N | 2.75 I_N | 4.0 I_N | 10 I_N |
| Within 30 min | 0.01 s–3 s | 0.003 s–0.3 s | Within 0.02 s |