

# Time-Lag SMD Fuses

## 11.3mm × 4mm

**multicomp** PRO

**RoHS  
Compliant**

### Specifications



Main Characteristics	: Brick fuse; Time-Lag (T)
Standard	: UL-248-14
Body Material	: Ceramic
End Caps Material	: Copper plated with silver
Operating Temperature	: -55°C to +125°C
Stock Temperature	: +10°C to +60°C
	Relative humidity: ≤75% yearly average Without dew, maximum 30 days at 95%
Vibration Resistance	: 24 cycles at 15 min. each (60068-6) 10-60Hz at 0.75mm amplitude 60-2000Hz at 10g acceleration
Soldering Parameters	: 260°C. ≤10 sec (Wave Soldering) 300°C. ≤2 sec (Hand Soldering) Soldering Peak: 260°C. 10 sec. 280°C. 5 sec. (IEC 60068-20)

### Electrical Characteristics at 25°C

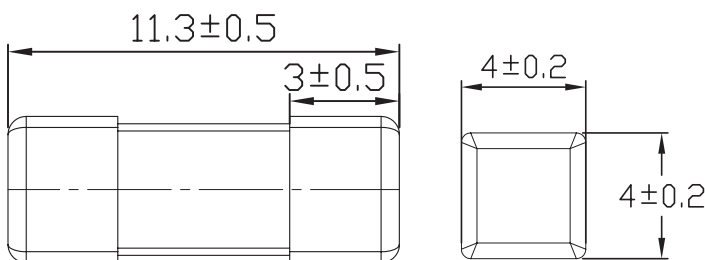
Part Number	Rated Current (A)	Max. Voltage	Breaking Capacity	Max. Voltage Drop (mV)	Typical Melting I <sup>2</sup> T (A <sup>2</sup> s)	Cold Resistance (mΩ)
MP006278	1	250V AC 400V DC	150A@125V AC 150A@250V AC 150A@125V DC 150A@250V DC	150	6.25	106
MP006279	2		100A@350V DC 100A@400V DC	100	17.6	36

Note: 1. Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)  
2. The current values used for calculating I<sup>2</sup>T should be within the standard range of 10ms.

### Time Vs Current Characteristic

Rated Current	100%	200%
1A to 2A	>4H	<60s

### Diagram



Dimensions : Millimetres

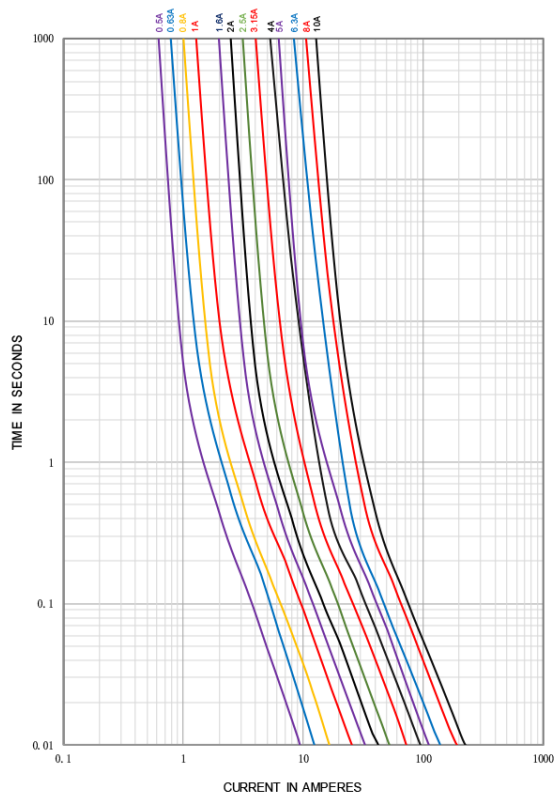
Newark.com/multicomp-pro  
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Element14.com/multicomp-pro

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## 11.3mm × 4mm

### Average Time Current (I-T Curve)



### Part Number Table

Description	Part Number
SMD Fuse, Time-Lag , 1A, 250V AC / 400V DC, 11.3mm × 4mm	MP006278
SMD Fuse, Time-Lag , 2A, 250V AC / 400V DC, 11.3mm × 4mm	MP006279

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