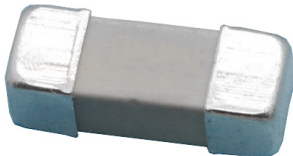


Fast-Acting SMD Fuses

11.3mm × 4mm

multicompPRO

**RoHS
Compliant**



Specifications

Main Characteristics	: Brick fuse; Fast-Acting (F)
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

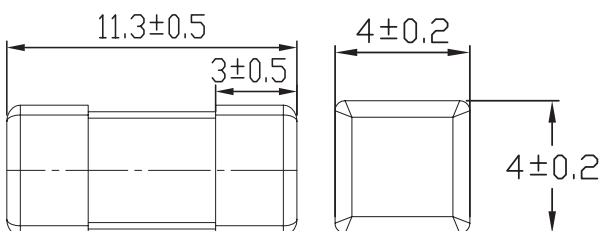
Part Number	Rated Current (A)	Max. Voltage	Max. Voltage Drop (mV)	Breaking Capacity	Typical Melting I ² T (A ² s)	Cold Resistance (mΩ)
MP006276	1	250V AC 400V DC	300	150A@125V AC 150A@250V AC 150A@125V DC	0.47	147.8
MP006277	2		150	150A@250V DC 100A@350V DC 100A@400V DC	1.84	52.4

Note: 1. Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
2. The current values used for calculating I²T should be within the standard range of 10ms.

Time Vs Current Characteristic

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

Diagram



Dimensions : Millimetres

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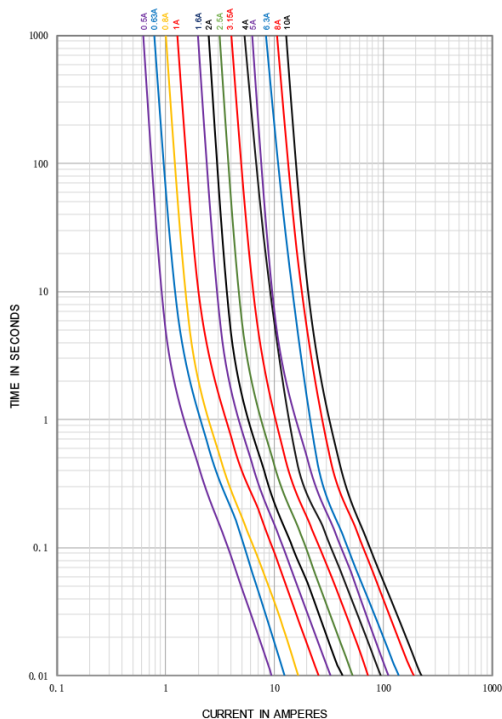
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Fast-Acting SMD Fuses

11.3mm × 4mm

multicompPRO

Average Time Current (I-T Curve)



Part Number Table

Description	Part Number
SMD Fuse, Fast-Acting, 1A, 250V AC / 400V DC, 11.3mm × 4mm	MP006276
SMD Fuse, Fast-Acting , 2A, 250V AC / 400V DC, 11.3mm × 4mm	MP006277

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