Cartridge Fuses Ceramic, Fast-Acting, Φ5.2mm x 20mm







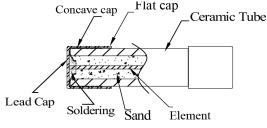
Description

This series fast-acting fuse with high breaking capacity for use with printed circuit boards is used in a large variety of applications. This Φ 5mm × 20mm device is constructed of a ceramic tube with electro-plated brass end caps. This series with 300V AC rating and 1500 Ampere breaking/300V AC rating and 750A breaking, offers excellent quality and is 100% tested for cold resistance and precise length.

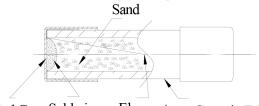
Features

- · Miniature fuse with fast-acting, high breaking capacity
- Φ5mm × 20mm physical dimensions
- · Ceramic tube, encapsulated design with nickel plated brass end caps
- Protection against harmful over-currents in primary and secondary applications.
- Designed compliant to UL248-14 IEC60127-7

Mechanical Specifications

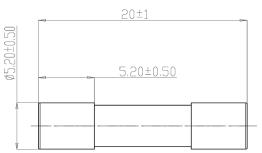


★>500mA:External welding double cap



End Cap Soldering Element Ceramic Tube

Dimensions



Dimensions: Millimetres

Electrical Specifications

Time vs Current Characteristics Table

(measured with constant current power supply)

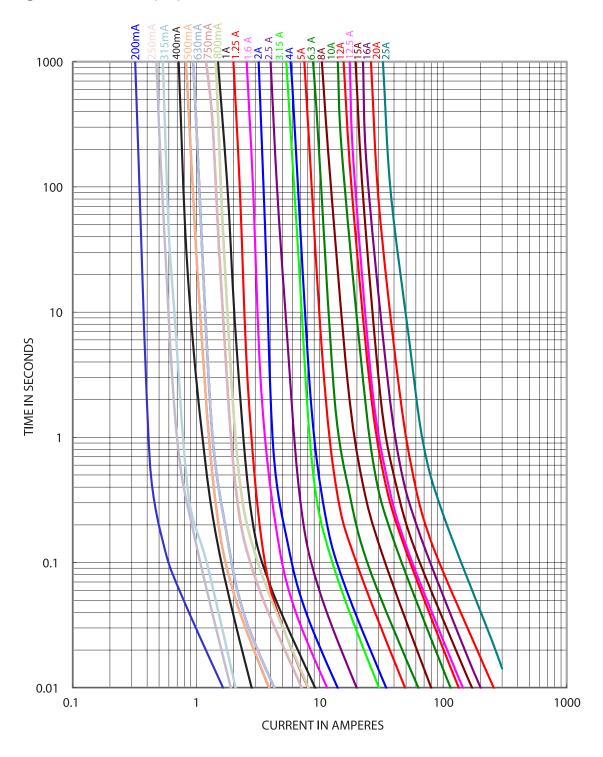
Time vs Current Characteristics: UL 248-14							
Rated Current	100%	210%	275%	400%	1000%		
100mA-25A	>1h	<30min	40ms-20s	10ms-1s	≤30ms		



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Average Time Current (I-T) Curves

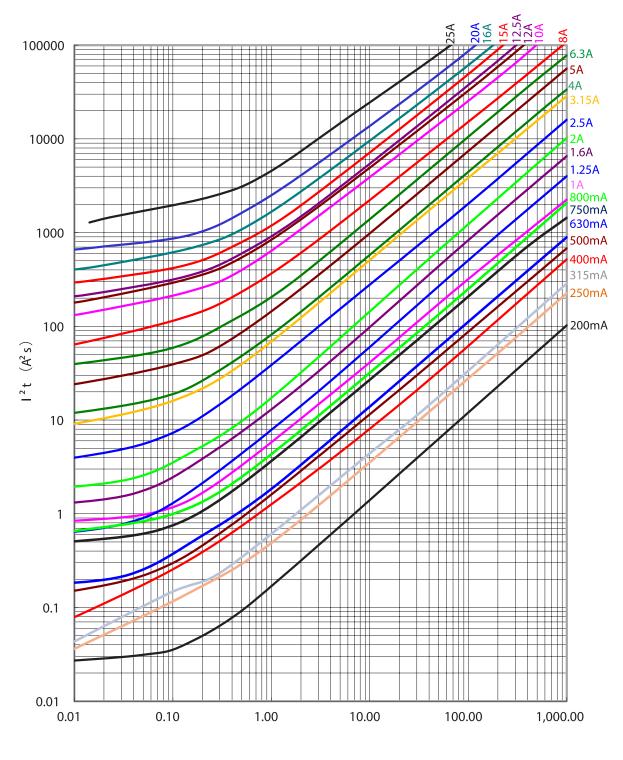




Cartridge Fuses

Ceramic, Fast-Acting, Ф5.2mm х 20mm





TIME IN SECONDS



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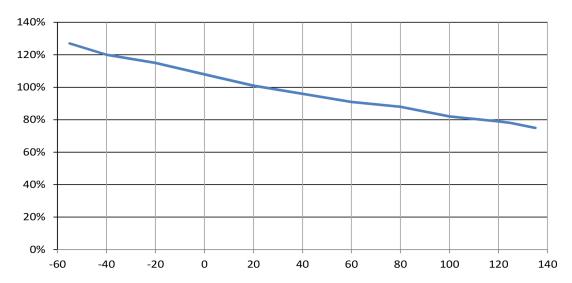
Electrical characteristics

Electrical Characteristics at 25°C									
Amp Code	Rated Current	Rated Voltage	Nominal Melting I²t (A²sec)	Typical cold Resistance (mΩ)	Breaking Capacity	Approvals			
						CCC	CQC	cURus	TUV
MP008908	10.00A	250V AC 300V AC	140	9.8	1500A@250V AC 1500A@300V AC	•	0	•	•

Notes: (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)

(2) Typical pre-arcing I2t are measured at 10In current.

Temperature Derating Curve



Part Number Table

Description	Part Number		
Tube Ceramic cartridge Fuse, 5 × 20mm, Clip Mount	MP008908		

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