

Fast-Acting Miniature Cartridge Fuses 6mm × 30mm



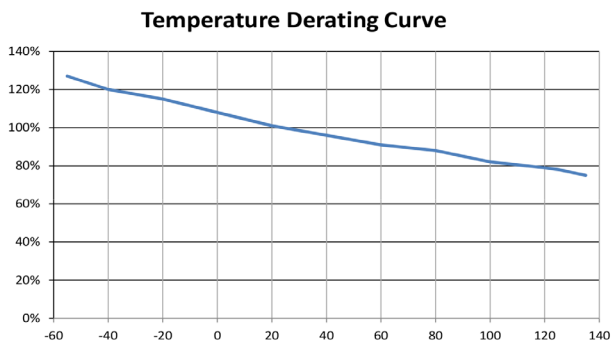
Electrical characteristics at 25°C

Part Number	Amp Code	Rated Current	Rated Voltage	Nominal Melting I ² t (A ² sec)	Typical cold Resistance (mΩ)	Breaking Capacity
MP007102	1200	2A	125V AC 250V AC	7.29	68	10KA/125V AC 100A/250V AC
MP007104	2150	15A		1936	4.4	400A/125V AC
MP007103	2200	20A		3600	3.3	200A/250V AC

Notes:

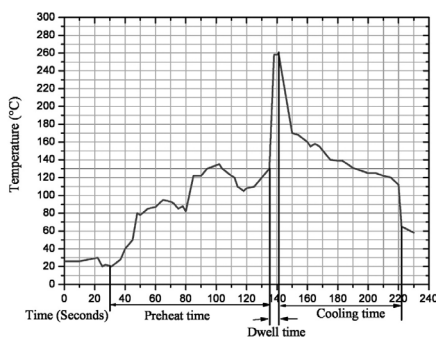
- (1) Permissible continuous operating current is ≤100% at ambient temperature of 23°C (73.4°F)
- (2) The current values used for calculating I²T should be within the standard range of 8ms ~ 10ms.

Temperature Derating Curve



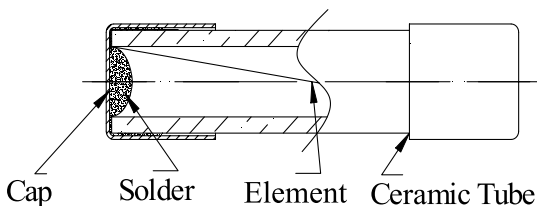
$$\text{Calculation for ideal fuse selection} = \frac{\text{Operating Current (A)}}{\text{Rating (\%} \times 0.75)}$$

Soldering Parameters



- 260°C ≤5 sec (Wave Soldering)
- 350°C ≤3 sec (Hand Soldering)
- Soldering Peak:
260°C - 10 sec (IEC 60068-20)

Mechanical Specifications



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sg.element14.com/b/multicomp-pro

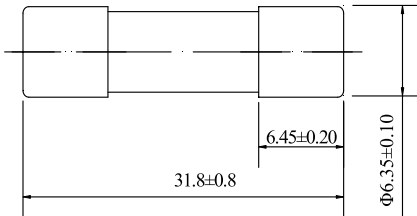


Fast-Acting Miniature Cartridge Fuses

6mm × 30mm



Diagram



Part Number Table

Description	Part Number
Fast-Acting Miniature Cartridge Fuse, 2A, 250V AC, 6mm × 30mm	MP007102
Fast-Acting Miniature Cartridge Fuse, 15A, 250V AC, 6mm × 30mm	MP007104
Fast-Acting Miniature Cartridge Fuse, 20A, 250V AC, 6mm × 30mm	MP007103

Dimensions : Millimetres

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