

# Radial Lead Fuses

## Round - Slow Blow

**multicomp**PRO

**RoHS  
Compliant**



### Electrical Characteristics

Rated Current	1.5 In	2.1 In	2.75 In		4 In		10 In	
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum
40mA to 5A	60 Minutes	2 Minutes	400ms	10 seconds	150ms	3ms	20ms	150ms
6.3A to 10A							15ms	

### Interrupting Ratings

35 amperes or 10 × rated current; whichever is greater at 250V AC

### Environmental Specifications

Operating Temperature	: -55°C to +125°C
Shock	: MIL-STD-202, Method 213, Condition 1 (Saw Tooth)
Vibration	: MIL-STD-202, Method 201 (10-55Hz x 3 axis/No Load)
Salt Spray	: MIL-STD-202, Method 101, Test Condition B (48Hours)
Insulation Resistance	: MIL-STD-202, Method 302, Test Condition A (After Opening) 10,000 ohms minimum
Resistance to Solder Heat	: MIL-STD-202, Method 210, Test Condition F (10 seconds at 260°C)
Thermal Shock	: MIL-STD-202, Method 107, Test Condition B (-65°C to +125°C)

### Physical Specifications

#### Materials

Base and Cap	: Black Thermoplastic
Pin	: Tin-lead Plated Alloy

### Specification Table

Ampere Rating (In)	Voltage Rating (V)	Nominal Resistance Cold $\Omega$	Maximum Voltage Drop (mV)	Nominal Melting $I^2t$ A <sup>2</sup> Sec	Part Number
160mA	250	1.3	250	0.1331	MCMET 160 mA 250 V
200mA		0.781	250	0.2	MCMET 200 mA 250 V
250mA		0.569	220	0.375	MCMET 250 mA 250 V
315mA		0.406	200	0.5457	MCMET 315 mA 250 V
400mA		0.27	180	1.04	MCMET 400 mA 250 V
500mA		0.177	170	1.25	MCMET 500 mA 250 V

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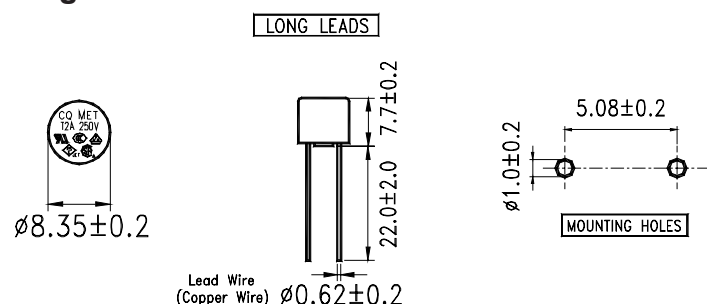
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Ampere Rating (In)	Voltage Rating (V)	Nominal Resistance Cold $\Omega$	Maximum Voltage Drop (mV)	Nominal Melting $I^2t$ A <sup>2</sup> Sec	Part Number
630mA	250	0.127	160	2.302	MCMET 630 mA 250 V
800mA		0.086	150	3.136	MCMET 800 A 250 V
1A		0.079	140	6.5	MCMET 1 A 250 V
1.25A		0.063	130	12.5	MCMET 1.25 A 250 V
1.6A		0.037	120	18.944	MCMET 1.6 A 250 V
2A		0.03	100	32	MCMET 2 A 250 V
2.5A		0.022		37.5	MCMET 2.5 A 250 V
3.15A		0.017		84.341	MCMET 3.15 A 250 V
4A		0.012		144	MCMET 4 A 250 V

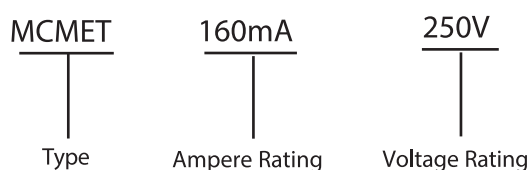
Approval : UL Approved

### Diagram



Dimensions : Millimetres

### Part Number Explanation



**Ampere Rating** : 160mA, 200mA, 250mA, 315mA, 400mA, 500mA, 630mA, 800mA, 1A, 1.25A, 1.6A, 2A, 2.5A, 3.15A and 4A

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