

# Radial Lead Fuses

## Round - Fast Acting

**multicomp**PRO



**RoHS  
Compliant**

### Electrical Characteristics

Rated Current	1.5 Inches	2.1 Inches	2.75 Inches		4 Inches		10 Inches
	Minimum	Maximum	Minimum	Maximum	Minimum	Maximum	Maximum
50mA to 5A	60 Minutes	30 Minutes	10ms	3 Seconds	3ms	300ms	20ms
6.3 A				5 Seconds			

### Interrupting Ratings

35 A or 10 × rated current; whichever is greater at 250 V 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 - 55 Hz × 3 axis / no load)
Salt Spray	: MIL-STD-202, method 101, test condition B (48 hours)
Minimum Insulation Resistance	: MIL-STD-202, method 302, test condition A (after opening) 10,000 Ω
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)
UL Approved	

### Physical Specifications

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

### Specification Table

Part Number	Ampere Rating (In)	Voltage Rating (V)	Nominal Resistance Cold Ω	Maximum Voltage Drop (mV)	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Seconds
MCMEF 800MA 250V	800mA	250	0.072	130	0.192
MCMEF 1A 250V	1A		0.052	120	0.3
MCMEF 1.25A 250V	1.25A		0.043		0.4687
MCMEF 1.6A 250V	1.6A		0.031	110	0.896
MCMEF 2A 250V	2A		0.026		1.2
MCMEF 2.5A 250V	2.5A		0.019	100	2.5
MCMEF 3.15A 250V	3.15A		0.014		3.969
MCMEF 4A 250V	4A		0.011		7.2
MCMEF 5A 250V	5A		0.0083	90	15
MCMEF 6.3A 250V	6.3A		0.0061	80	47.628

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

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Diagram of a circular cross-section of a pipe. The diameter is labeled as 8.35. The pressure inside the pipe is labeled as 150 PSI.

(0.5 Minimum)

5.08

Lead  
(Copper)

## MCMEF

800mA

250V

Ampere Rating

### Voltage Rating

**Ampere Rating :** 800mA, 1A, 1.25A, 1.6A, 2A, 2.5A, 3.15A, 4A, 5A and 6.3A

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