

Radial Fuse



Specifications:

Voltage Rating	: 250V AC
Blow Characteristic	: Fast Acting
Fuse Case Style	: Radial Leaded
Case Material	: Thermoplastic
External Depth	: 4.3mm
External Length / Height	: 7.7mm
External Width	: 8.35mm
Fuse Mounting	: Through Hole
Lead Diameter	: 0.62mm
Lead Length	: 22mm
Lead Spacing	: 5.08mm
Operating Temperature	: -55°C to +125°C
Terminal Type	: Radial Lead

Electrical Characteristics

Rated Current	1.5In	2.1In	2.75In		4In		10In
	Min.	Max.	Min.	Max.	Min.	Max.	Max.
50mA to 5A	60 Minutes	30 Minutes	10ms	3 Seconds	3ms	300ms	20ms
6.3A				5 Seconds			

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 (10Hz to 55Hz × 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) 10,000Ω Min.
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:

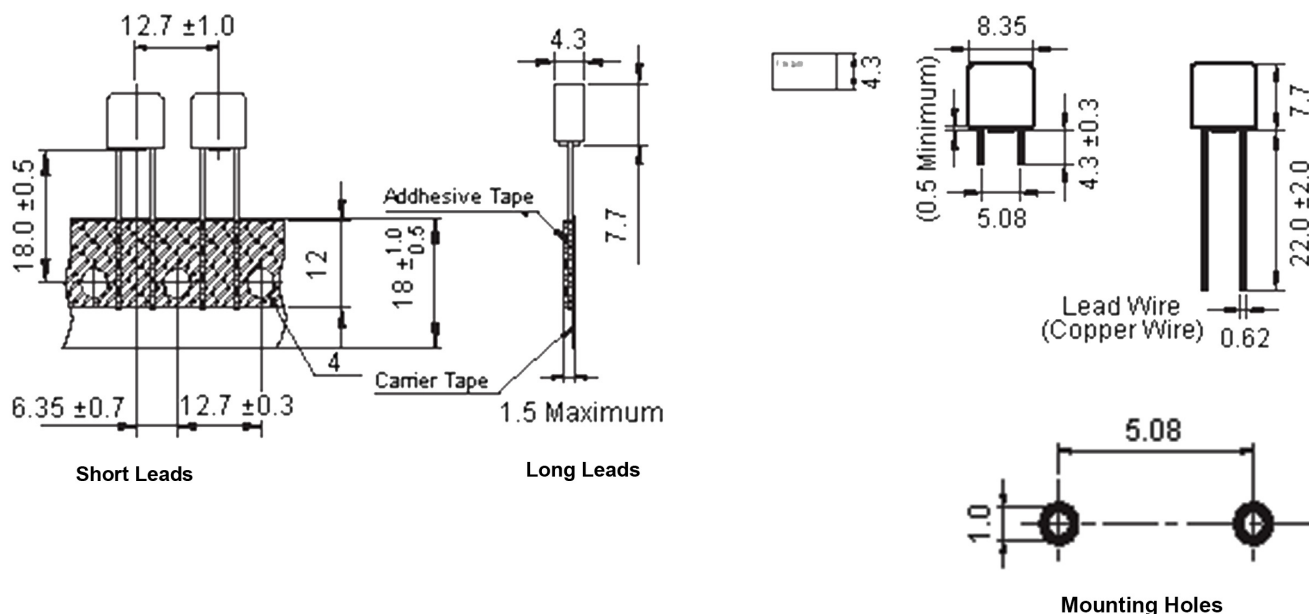
Materials:

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

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Radial Fuse



Dimensions : Millimetres

Part Number Table

Description	Ampere Rating (In)	Voltage Rating (V)	Nominal Resistance Cold Ω	Maximum Voltage Drop (mV)	Nominal Melting I ² t A ² Sec	Part Number
Fuse, Radial, Fast Blow, 0.8A	800mA	250	0.072	130	0.192	MCMSF 800mA 250V
Fuse, Radial, Fast Blow, 1A	1A		0.052	120	0.3	MCMSF 1A 250V
Fuse, Radial, Fast Blow, 1.25A	1.25A		0.043		0.4687	MCMSF 1.25A 250V
Fuse, Radial, Fast Blow, 1.6A	1.6A		0.031	110	0.896	MCMSF 1.6A 250V
Fuse, Radial, Fast Blow, 2A	2A		0.026		1.2	MCMSF 2A 250V
Fuse, Radial, Fast Blow, 2.5A	2.5A		0.019	100	2.5	MCMSF 2.5A 250V
Fuse, Radial, Fast Blow, 3.15A	3.15A		0.014		3.969	MCMSF 3.15A 250V
Fuse, Radial, Fast Blow, 4A	4A		0.011	90	7.2	MCMSF 4A 250V
Fuse, Radial, Fast Blow, 5A	5A		0.0083		15	MCMSF 5A 250V
Fuse, Radial, Fast Blow, 6.3A	6.3A		0.0061	80	47.628	MCMSF 6.3A 250V

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