

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:

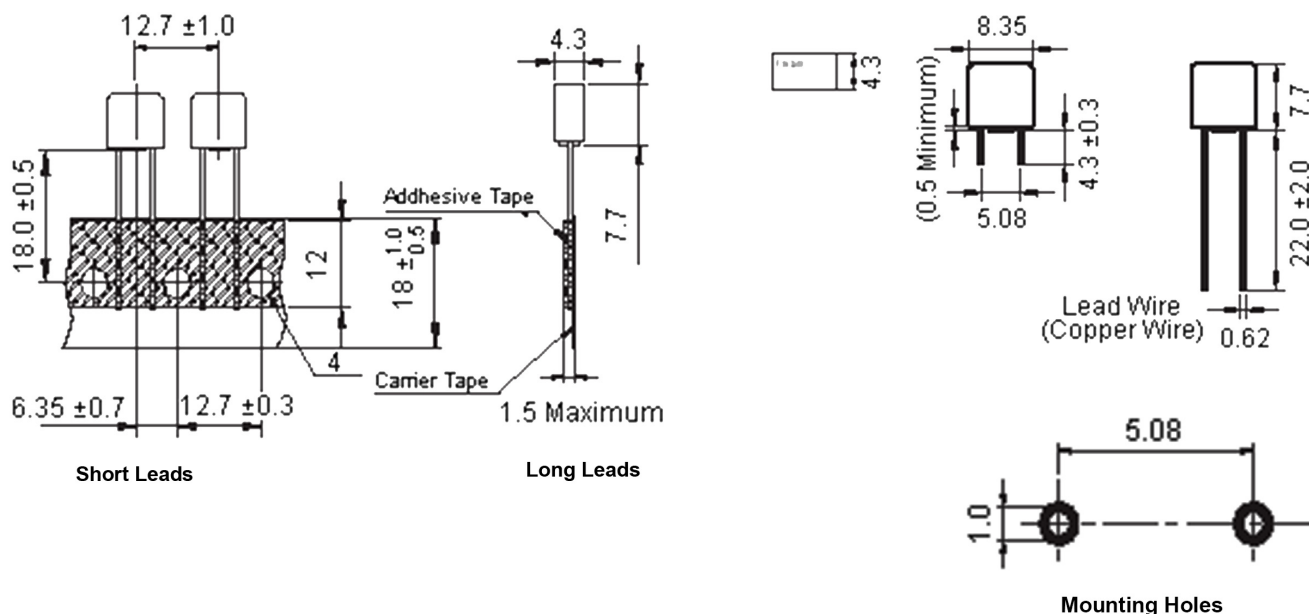
Materials:

| | |
|--------------|-------------------------|
| 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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