



Approvals

VDE 200mA to 5A.
Recognized component for Canada and U. S. 200mA to 5A.

Electrical Characteristics:

| Rated Current | 1.25 In Minimum | 2 In | | 10 In | |
|---------------|-----------------|----------|------------|---------|---------|
| | | Minimum | Maximum | Minimum | Maximum |
| 200mA to 5A | 1 Hour | 1 Second | 120 Second | 10 ms | 100 ms |

Interrupting Ratings:

50 amperes or 10 x rated current; whichever is greater at 125V ac/dc.

Environmental Specifications:

Operating Temperature:

-55°C to +125°C.

Vibration:

MIL-STD-202G, Method 201(10-55 Hz, 0.06 inch, total excursion).

Salt Spray:

MIL-STD-202G, Method 101, Test Condition B (48Hrs).

Insulation Resistance:

MIL-STD-202G, Method 302, Test Condition A (After Opening) 10,000 ohms minimum

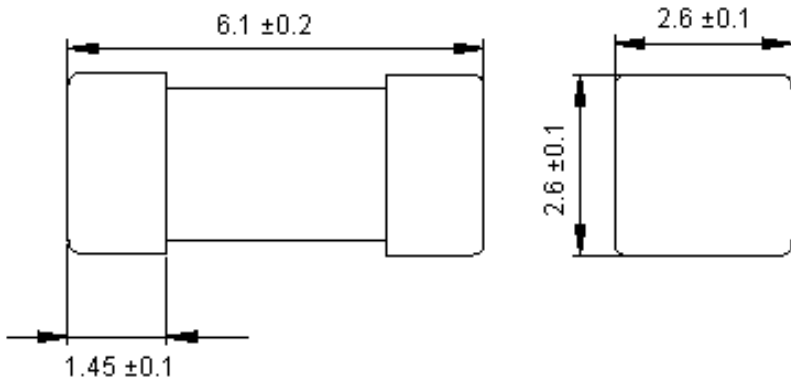
Resistance to Solder Heat:

MIL-STD-202G, Method 210, Test Condition B (10sec, at 260°C).

Thermal Shock:

MIL-STD-202G, Method 107, Test Condition B (-65°C to +125°C).

Mechanical Dimensions



Dimensions : Millimetres

Physical Specification:

Materials:

Body : Ceramic.
Terminations : Silver plated brass caps.

Specification Table:

| Description | Ampere Rating (In) | Voltage Rating (V) | Nominal Resistance Cold Ohms | Voltage Drop (mv) Maximum | Nominal Melting I ² t A ² Sec | Part Number |
|-------------------|--------------------|--------------------|------------------------------|---------------------------|---|---------------|
| Fuse, SMD, 0.2A | 200mA | 125V | 2.305 | 1000 | 0.0865 | MCSET(U) .200 |
| Fuse, SMD, 0.25A | 250mA | | 1.420 | 800 | 0.1320 | MCSET(U) .250 |
| Fuse, SMD, 0.315A | 315mA | | 0.669 | 750 | 0.2085 | MCSET(U) .315 |
| Fuse, SMD, 0.4A | 400mA | | 0.420 | 700 | 0.3310 | MCSET(U) .400 |
| Fuse, SMD, 0.5A | 500mA | | 0.227 | 600 | 0.5122 | MCSET(U) .500 |
| Fuse, SMD, 0.63A | 630mA | | 0.223 | 500 | 0.8055 | MCSET(U) .630 |
| Fuse, SMD, 0.8A | 800mA | | 0.125 | 400 | 1.3044 | MCSET(U) .800 |

Specification Table:

| Description | Ampere Rating (In) | Voltage Rating (V) | Nominal Resistance Cold Ohms | Voltage Drop (mv) Maximum | Nominal Melting I ² t A ² Sec | Part Number |
|------------------|--------------------|--------------------|------------------------------|---------------------------|---|---------------|
| Fuse, SMD, 1A | 1A | 125 | 0.089 | 300 | 1.9090 | MCSET(U) 001 |
| Fuse, SMD, 1.25A | 1.25A | | 0.073 | | 2.8102 | MCSET(U) 1.25 |
| Fuse, SMD, 1.6A | 1.6A | | 0.071 | | 4.5385 | MCSET(U) 1.60 |
| Fuse, SMD, 2A | 2A | | 0.041 | | 8.8570 | MCSET(U) 002 |
| Fuse, SMD, 2.5A | 2.5A | | 0.028 | | 16.550 | MCSET(U) 2.50 |
| Fuse, SMD, 3.15A | 3.15A | | 0.020 | | 32.210 | MCSET(U) 3.15 |
| Fuse, SMD, 4A | 4A | | 0.015 | | 40.800 | MCSET(U) 004 |
| Fuse, SMD, 5A | 5A | | 0.011 | | 65.000 | MCSET(U) 005 |

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