



## Approvals

UL Recognized : 63mA to 5A.  
CSA listed : 63mA to 5A.  
VDE : 63mA to 5A.  
PSE : 1A to 5A.

## Electrical Characteristics:

Rated Current	1.25 In Minimum	2 In Maximum	10 In	
			Minimum	Maximum
63mA to 5A	1 Hour	120 Second	1ms	10ms

## 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

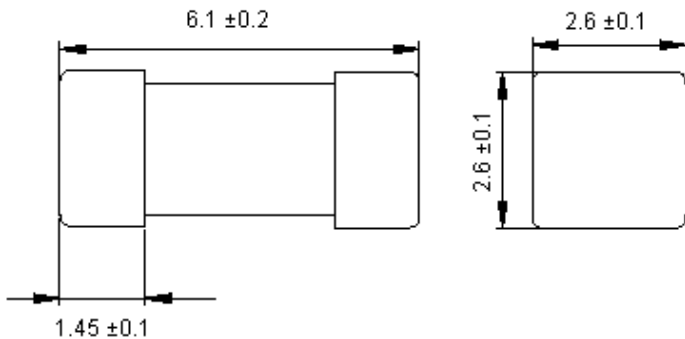
### Resistance to Solder Heat:

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 <sup>2</sup> t A <sup>2</sup> Sec	Part Number
Fuse, SMD, 63mA	63mA	125V	6.6800	*	0.0012	MCSEF(U) .063
Fuse, SMD, 80mA	80mA		4.3000	*	0.0021	MCSEF(U) .080
Fuse, SMD, 0.1A	100mA		2.6300	1300	0.0032	MCSEF(U) .100
Fuse, SMD, 0.125A	125mA		1.9400	1000	0.0048	MCSEF(U) .125
Fuse, SMD, 0.16A	160mA		1.8510		0.0079	MCSEF(U) .160
Fuse, SMD, 0.2A	200mA		1.8050		0.0131	MCSEF(U) .200
Fuse, SMD, 0.25A	250mA		0.8912	800	0.0192	MCSEF(U) .250
Fuse, SMD, 0.315A	315mA		0.6286	750	0.0301	MCSEF(U) .315
Fuse, SMD, 0.4A	400mA		0.5490	700	0.0472	MCSEF(U) .400
Fuse, SMD, 0.5A	500mA		0.5108	600	0.0768	MCSEF(U) .500
Fuse, SMD, 0.63A	630mA		0.4030	500	0.1204	MCSEF(U) .630
Fuse, SMD, 0.8A	800mA		0.2500	400	0.1886	MCSEF(U) .800

## Specification Table:

Description	Ampere Rating (In)	Voltage Rating (V)	Nominal Resistance Cold Ohms	Voltage Drop (mv) Maximum	Nominal Melting $I^2t$ A <sup>2</sup> Sec	Part Number
Fuse, SMD, 1A	1A	125	0.1290	300	0.3000	MCSEF(U) 001
Fuse, SMD, 1.25A	1.25A		0.0733		0.4050	MCSEF(U) 1.25
Fuse, SMD, 1.6A	1.6A		0.0730		0.9015	MCSEF(U) 1.60
Fuse, SMD, 2A	2A		0.0480		1.4520	MCSEF(U) 002
Fuse, SMD, 2.5A	2.5A		0.0366		2.1050	MCSEF(U) 2.50
Fuse, SMD, 3A	3A		0.0280		3.6000	MCSEF(U) 003
Fuse, SMD, 3.15A	3.15A		0.0257		3.9000	MCSEF(U) 3.15
Fuse, SMD, 4A	4A		0.0210		5.4200	MCSEF(U) 004
Fuse, SMD, 5A	5A		0.0156		10.900	MCSEF(U) 005

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