RoHS Compliant

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

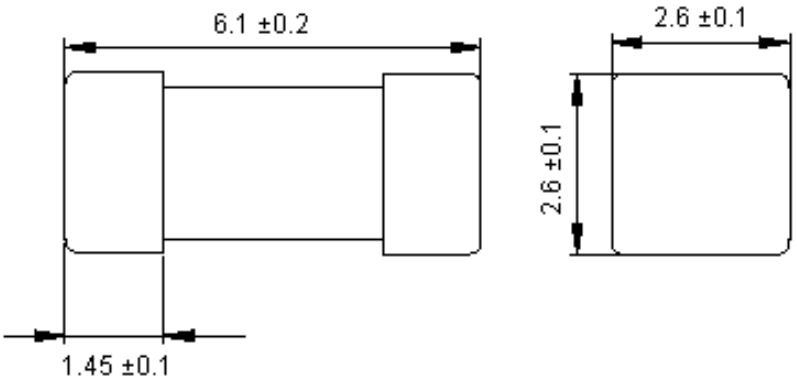
Resistance to Solder Heat:

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^2t 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^2t 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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