





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 ln	10 ln		
		Maximum	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).

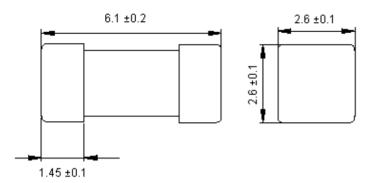
http://www.farnell.com http://www.newark.com http://www.cpc.co.uk



SEF(U)



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, 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		0.0048	MCSEF(U) .125
Fuse, SMD, 0.16A	160mA		1.8510	1000	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



SEF(U)



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	0.1290		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	300	1.4520	MCSEF(U) 002
Fuse, SMD, 2.5A	2.5A		0.0366		2.1050	MCSEF(U) 2.50
Fuse, SMD, 3A	ЗА		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

Disclaimer This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The information is subject to change without notice and replaces all data sheets previously supplied. The information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. SPC Multicomp is the registered trademark of the Group. © Premier Farnell plc 2010.

http://www.farnell.com http://www.newark.com http://www.cpc.co.uk

