

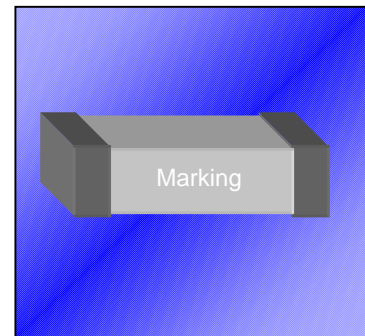
**Overcurrent Fuse**  
*For communication equipment protection*



**SP600**

**Features**

- For use in telecommunication circuit applications requiring low current protection with high surge tolerance, Offering overcurrent protection from power faults, Target applications include xDSL, ADSL linecard and modems; T1/E1 systems; Twisted pair telecom ports.
- Designed to assist equipment in complying with telecom specifications including Telcordia GR-1089, FCC Part68 & UL 60950
- Surface-mount; Small footprint and low resistance



**Electrical Characteristics**

Model Number	Ampere Rating (A)	Voltage Rating (V)	Typical Cold Resistance (m )	Melting I2T at 10ms or less (A2sec)
SP600-050	0.50	250	0.5	1
SP600-125	1.25	250	0.1	16
SP600-200	2.00	250	0.05	18

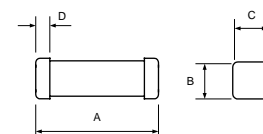
% of Amp	Opening Time	
	Min	Max
100%	4 hrs	N/A
250%	1 sec	120 sec

**Surge Withstand Rating (Model SP600-050/SP600-200)**

Telcordia GR-1089	Surge Voltage (V)	Surge Current (A)	Wave Form (μs)	Repetitions (each polarity)
First level / Test1	600	100	10 × 1000	25
First level / Test2	1000	100	10 × 360	25
First level / Test3	1000	100	10 × 1000	25
First level / Test4	2500	500	2 × 10	10
First level / Test5	1000	25	10 × 360	5
Second level / Test1	5000	500	2 × 10	1

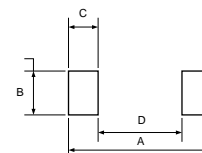
**Product Dimensions (mm)**

A(Max.)	B(Max.)	C(Max.)	D(Typ.)
10.5	3.4	3.4	



**Recommended Pad Layout**

A	B	C	D
12.6	4.0	3.7	5.2



**Physical/Environmental Characteristics**

Storage temperature	-40 / +85
Material	Termination material: Silver-plated brass; Body material: Ceramic
Termination solderability	Per IEC-60127-4
Solder heat withstand	Per MIL-STD-202, Method 210, Test Condition J
Solvent resistance	Per MIL-STD-202F, Method 215J
Storage humidity	Per MIL-STD-202F, Method 106F
Package Information:	Bulk, 1000pcs per bag; Tape & Reel, 2500pcs per reel.