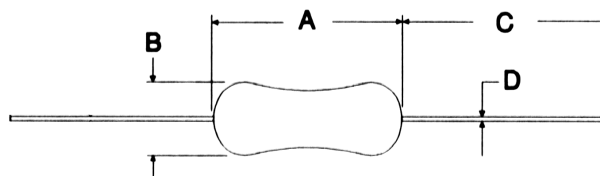


SPR/SPRM Series — Discharge Path Resistors

Features

- UL 1676 recognized
- Excellent anti-surge characteristics
- Stable characteristics through the resistance range
- Applications include power supplies, CRT's and anti-surge circuits
- Good alternative to Carbon Composition Resistors
- Cut and formed product is available on select sizes, contact factory for details
- RoHS compliant / lead-free



Electrical Specifications

Type / Code	Power Rating (Watts) @ 70°C	Maximum Working Voltage*	Maximum Overload Voltage	Ohmic Range and Tolerance	
				5%	10%
SPRM 1/2	0.5W	700	1,000	1M – 12M	1M – 12M
SPR 1	1W	1,000	1,500	1M – 12M	1M – 12M

* Lesser of \sqrt{PR} or maximum working voltage.

Mechanical Specifications

Type / Code	A Body Length	B Body Diameter	C Lead Length (Bulk)	D Lead Diameter	Units
SPRM 1/2	0.35 ± 0.03	0.12 ± 0.02	1.10 ± 0.08	0.027 ± 0.002	inches
	9.0 ± 1.0	3.0 ± 0.5	28.0 ± 2.0	0.7 ± 0.05	mm
SPR 1	0.59 ± 0.04	0.30 ± 0.03	1.38 ± 0.12	0.031 ± 0.002	inches
	15.0 ± 1.0	7.5 ± 1.0	35.0 ± 3.0	0.8 ± 0.05	mm

Performance Characteristics (JIS C 5202)

Test	Test Results
Moisture Resistance	±5%
Temperature Cycling	±1%
Load Life	±5%
Resistance to Soldering Heat	±1%
Short Time Overload	±1%
Operating Temperature Range	-55°C ~ +155°C
Discharge	±50%

How to Order

