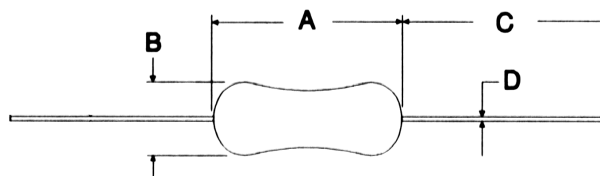


SPR Series — Discharge Path Resistors

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



Electrical Specifications

Type (SPR)	Power Rating (Watts) @ 70°C	Maximum Working Voltage*	Maximum Overload Voltage	Ohmic Range and Tolerance	
				5%	10%
1/2	0.5W	350	700	1M – 12M	1M – 12M
1	1W	500	1000	1M – 12M	1M – 12M

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

Mechanical Specifications inches mm

Type (SPR)	A Body Length	B Body Diameter	C Lead Length (Bulk)	D Lead Diameter
1/2	0.35 ± 0.04	0.16 ± 0.02	1.10 ± 0.08	0.028 ± 0.002
	9.0 ± 1.0	4.0 ± 0.5	28.0 ± 2.0	0.7 ± 0.05
1	0.59 ± 0.04	0.22 ± 0.02	1.38 ± 0.12	0.031 ± 0.002
	15.0 ± 1.0	5.5 ± 0.5	35.0 ± 3.0	0.8 ± 0.05

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

