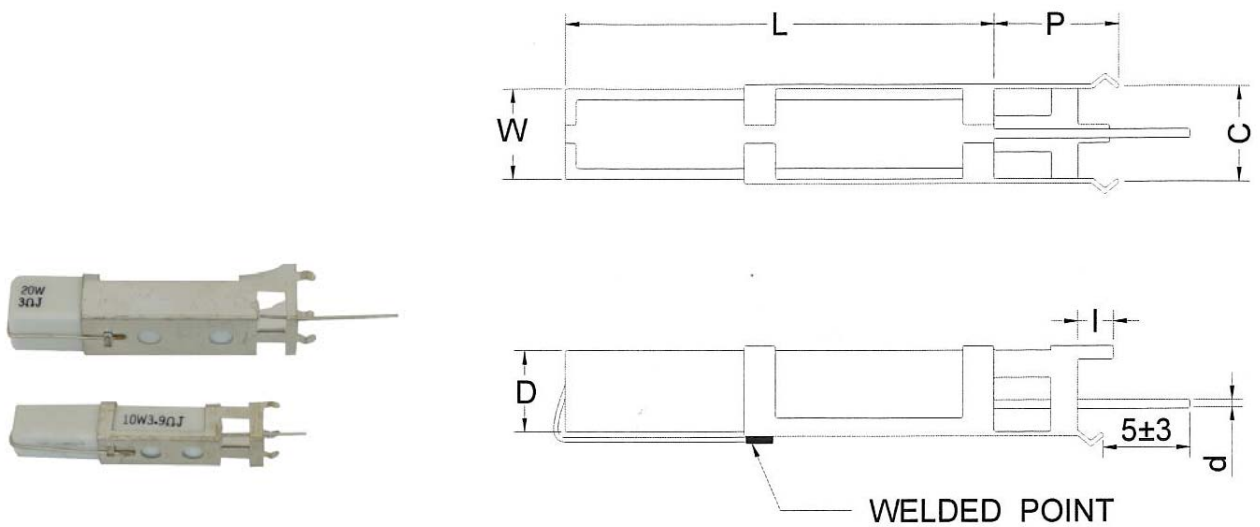


SQS series Cement Resistors

◆ Features

- » Completely insulated character suitable for printed circuit board.
- » In high resistance value, the wire wound will be replaced by Metal Oxide Film cutting core.
- » Standard tolerance: $\pm 5\%$.



PS. The lead can be long lead or cut lead

◆ Dimensions

Type	Dimensions (mm)					
	W	D	L	P	Wire wound	cutting core
5W	10.0 \pm 1.5	9.0 \pm 1.5	22.0 \pm 1.0	5.0 \pm 2.0	0R1-50R	50R-50K
7W	10.0 \pm 1.5	9.0 \pm 1.5	35.0 \pm 1.0	5.0 \pm 2.0	0R1-100R	100R-50K
10W	10.0 \pm 1.5	9.0 \pm 1.5	48.0 \pm 1.0	10.0 \pm 2.0	0R1-100R	100R-50K
15W	13.0 \pm 1.5	13.0 \pm 1.5	49.0 \pm 1.0	10.0 \pm 2.0	0R1-100R	100R-50K
20W	14.0 \pm 1.5	14.0 \pm 1.5	60.0 \pm 1.0	10.0 \pm 2.0	0R1-100R	100R-50K
25W	14.0 \pm 1.50	14.0 \pm 1.5	60.0 \pm 1.0	10.0 \pm 2.0	0R1-100R	100R-50K



◆ Part Number

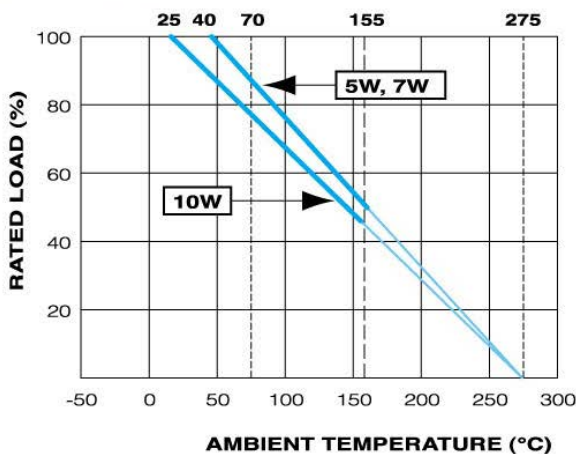
SQS	5W	J	6R8	B	L
Type	Watt	Tolerance	R value	Packing	lead
SQS	5W	J = ± 5%	6.8Ω = 6R8	B = Bulk	L: long lead C: cut lead

◆ Electrical Characteristics

Power rating at 70°C	5W	7W	10W
Operating Temp. Range	- 55°C ~ +155°C		
Max. Working Voltage	350V	500V	500V
Max. Overload Voltage	700V	1000V	1000V
Dielectric Withstanding volt.	700V	1000V	1000V
Temp. Coefficient	± 300ppm/°C		

Value Range for standard resistance, below or over this resistance on request

DERATING CURVE



TEMPERATURE RISE

