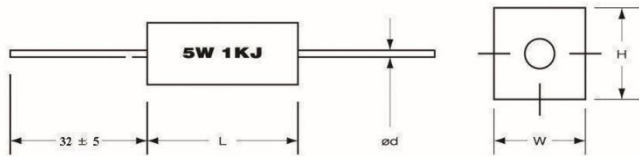


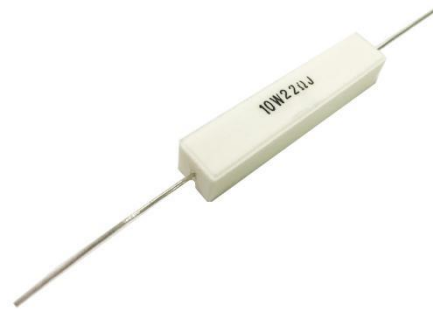
FEATURES

- Cement resistors are manufactured by winding the ceramic rods with metal alloy resistance wire and put it in a fireproof ceramic box then concrete with non-flammable and heat-resistant cement.
- Excellent heat resistance, low temperature coefficient of resistance and linear change.
- It can withstand short-term overload, low noise, and the resistance value has not changed over the years.
- Good explosion-proof performance and protection.

DRAWING (mm)



PICTURE (mm)



DIMENSIONS (mm)

Series	Power Rating	Dimension(mm)								
	(Watt)	Normal	Mini.	Normal	Mini.	Normal	Mini.	Ød	Ohm Range	
		L		H		W			Wire Wound	Metal Oxide
SQP	1W	13.5±1.0	-	6.0±1.0	-	6.0±1.0	-	0.56±0.05	0.1Ω - 47Ω	50Ω - 100KΩ
SQP	2W	18.0±1.0	-	7.0±1.0	-	7.0±1.0	-	0.56±0.05	0.1Ω - 47Ω	50Ω - 100KΩ
SQP	3W & 4W	22.0±1.5	20.0±1.5	8.0±1.0	6.5±1.0	8.0±1.0	6.5±1.0	0.8±0.05	0.1Ω - 47Ω	50Ω - 100KΩ
SQP	5W	23.0±1.5	26.0±1.5	9.5±1.0	6.5±1.0	9.0±1.0	6.5±1.0	0.8±0.05	0.1Ω - 47Ω	50Ω - 100KΩ
SQP	7W & 10WS	35.0±1.5	25.0±1.5	9.5±1.0	9.0±1.0	9.0±1.0	9.0±1.0	0.8±0.05	0.1Ω - 990Ω	1KΩ - 50KΩ
SQP	10W & 15WS	48.0±1.5	35.0±1.5	9.5±1.0	9.0±1.0	9.0±1.0	9.0±1.0	0.8±0.05	0.1Ω - 990Ω	1KΩ - 50KΩ
SQP	15W	48.0±1.5	48.0±1.5	12.5±1.5	9.5±1.0	12.5±1.5	9.5±1.0	0.8±0.05	0.1Ω - 990Ω	1KΩ - 20KΩ
SQP	20W	60.0±1.5	60.0±1.5	14.0±1.5	12.5±1.5	14.0±1.5	12.5±1.5	0.8±0.05	0.1Ω - 990Ω	1KΩ - 20KΩ
SQP	25W	60.0±1.5	60.0±1.5	14.0±1.5	12.5±1.5	14.0±1.5	12.5±1.5	0.8±0.05	0.1Ω - 990Ω	1KΩ - 20KΩ
SQP	30W	76.0±1.5	60.0±1.5	19.0±1.5	12.5±1.5	19.0±1.5	12.5±1.5	0.8±0.05	0.1Ω - 500Ω	1KΩ - 20KΩ
SQP	40W & 50W	90.0±1.5	60.0±1.5	19.0±1.5	12.5±1.5	19.0±1.5	12.5±1.5	0.8±0.05	0.1Ω - 500Ω	1KΩ - 20KΩ



SPECIFICATIONS

Power Rating 70°C	1W & 2W	3W & 4W	5W	7W	10W	15W & 20W
	3WS	5WS	7WS	10WS	15WS	25W - 50W
Series Number	SQP					
Operating Temp. Range	-55°C ~ +155°C					
Max. Working Voltage	250V	350V	350V	500V	500V	500V
Max. Overload Voltage	500V	700V	700V	1000V	1000V	1000V
Dielectric Withstanding Voltage(AC)	500V	700V	700V	1000V	1000V	1000V
Value Range ±5% (Ceramic Core)	0.1Ω - 47Ω			0.5Ω - 990Ω	0.1Ω - 990Ω	
Value Range ±5% (Metal Oxide Film)	50Ω - 100KΩ			1KΩ - 20KΩ	1KΩ - 20KΩ	
Temp. Coefficient (PPM)	±300ppm/°C					

FIG.1 DERATING CURVE

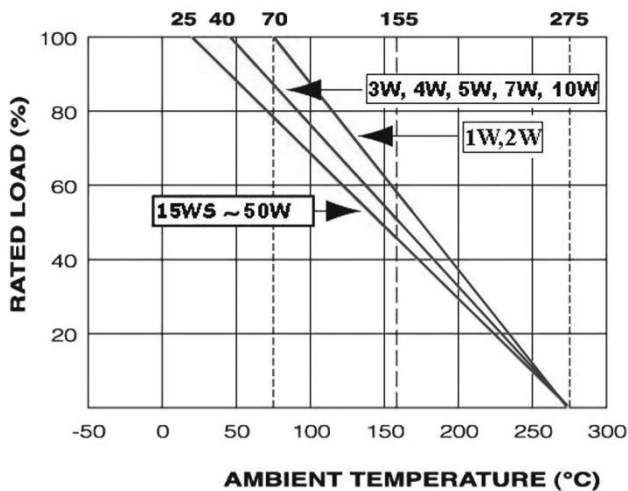
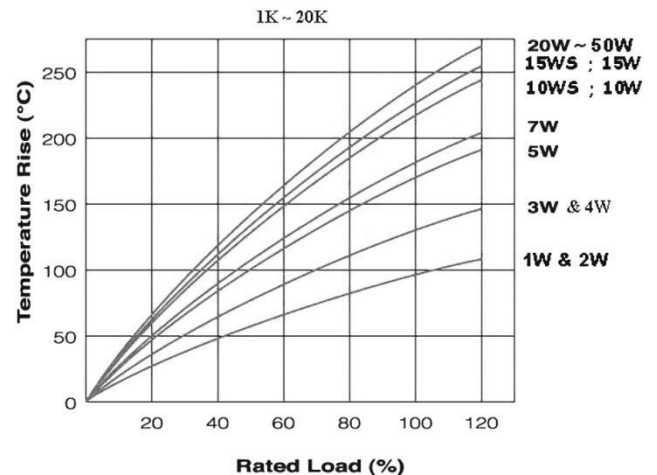


FIG.2 HOT-SPOT TEMPERATURE



Note: Other resistance is available on request. WEET is capable of doing custom service for you.

