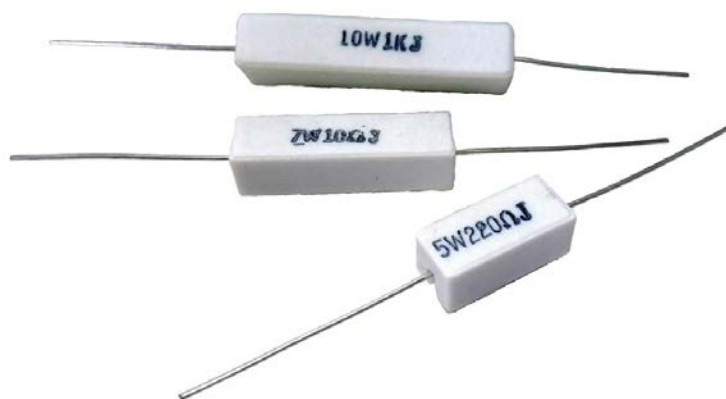


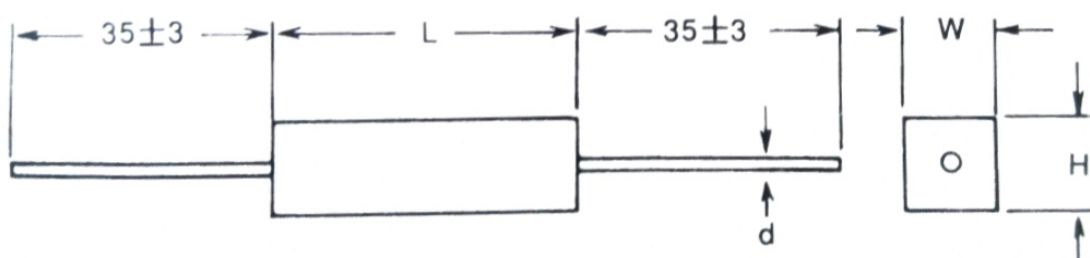
CEMENT RESISTOR - SQP SERIES

FEATURES

- Small size and low cost
- Super heat dissipation , stable in high temperature
- Instant overload capability
- Standard tolerance : 5% (1% is available)
- Working temperature range : -55°C~275°C
- Wirewinded core used when resistance lower than 100
- Metal oxide film core used when resistance higher than 100Ω



GENERAL SPECIFICATION

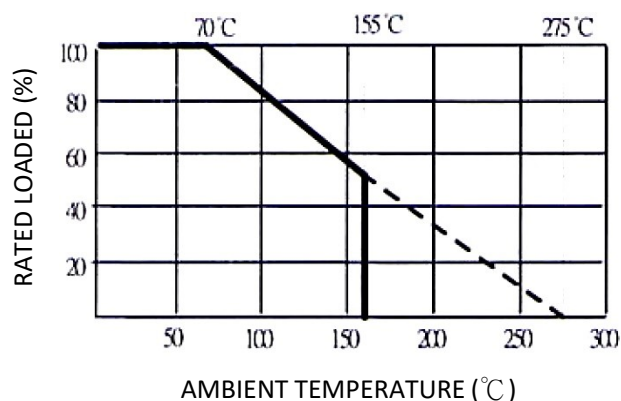


TYPE	DIMENSIONS				POWER RATING	MAX VOLTAGE		RESISTANCE RANGE	
	L ± 2.0	W ± 1.0	H ± 1.0	d ± 0.05		WORKING	OVERLOAD	WIREWINDING	MOF RODS
SQP-2	18.0	6.5	6.5	0.8	2W	350V	700V	0R1~100R	101R~1M
SQP-3	22.0	8	8	0.8	3W	500V	1000V	0R1~100R	101R~1M
SQP-5	22.0	10	9.5	0.8	5W	750V	1500V	0R1~100R	101R~1M
SQP-7	35.0	10	9.5	0.8	7W	1000V	1500V	0R5~500R	501R~47K
SQP-10	48.0	10	9.5	0.8	10W	1000V	1500V	0R5~1K	1K1R~47K
SQP-15	48.0	12	11.5	0.8	15W	1000V	1500V	0R5~1K	1K1R~47K
SQP-20	60.0	15	13.5	0.8	20W	1000V	1500V	0R5~1K	1K1R~47K
SQP-25	60.0	15	13.5	0.8	25W	1000V	1500V	0R5~1K	1K1R~47K
SQP-30	77.0	18	17	0.8	30W	1000V	1500V	0R5~1K	
SQP-40	90.0	19	18	0.8	40W	1000V	1500V	0R5~1K	
SQP-50	90.0	19	18	0.8	50W	1000V	1500V	0R5~1K	

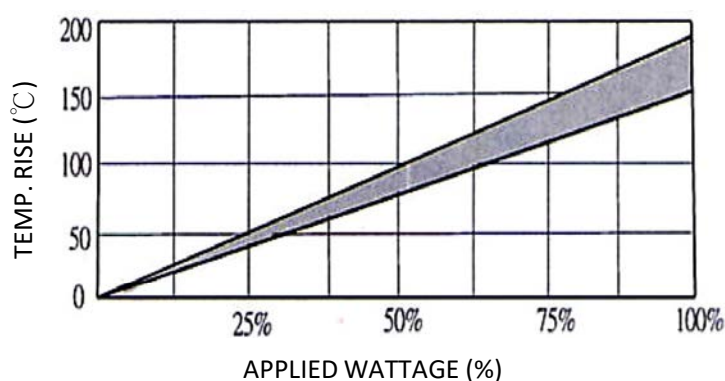
* Maximum Working Voltage determined by $E = \sqrt{P \times R}$, where E should not exceed value listed in column above

* * Maximum Overload Voltage equals to 2.5xE, but should not exceed value listed in column above

DERATING CURVE



TEMPERATURE RISE



CHARACTERISTIC

Temperature Coefficient	±350ppm
Load Life (1000 hours)	<±5%+0.1 Ω
Shorttime Overload	<±2%+0.1 Ω
Moisture Resistance	<±5%+0.1 Ω
Shock & Vibration	<±1%+0. Ω
Insulation resistance	10000MΩ
Temperature cycling	<±1%+0.1 Ω
Effect of soldering	<±2%+0.1 Ω

HOW TO ORDER :

<u>SERIES</u>	<u>WATTAGE</u>	<u>RESISTANCE</u>	<u>TOLERANCE</u>
SQP	5W	0R1=0.1Ω	5%
	7W	10R=10Ω	
	:	1K=1KΩ	
	10W	1K2=1.2KΩ	

