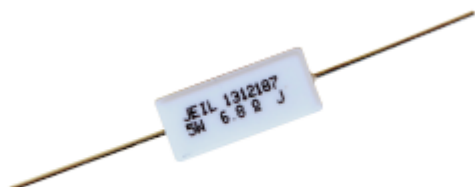


RQA series

High Power Ceramic Wire Wound Resistor



- Resistances from 0.1Ω to 100kΩ
- Tolerance 1% or 5%
- Power Ratings of 2,3,5,7,10,15,20 Watts
- Non-Inductive Windings are Available
- High power ratings
- Special inorganic potting compound and ceramic case provide high thermal conductivity in a fireproof package

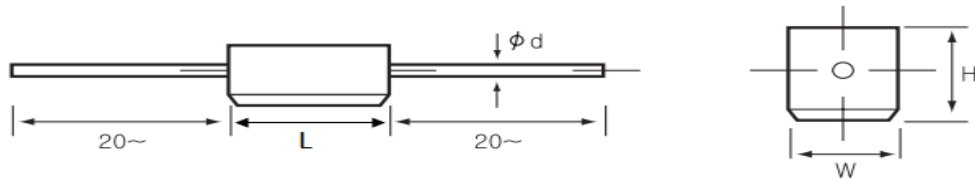
■ SPECIFICATIONS

ITEM	SPECIFICATION LIMITS
Operating Temperature Range	-40 °C ~ +155°C
Resistance Temperature Coefficient	±350ppm/ °C Max
Short-Time Over Load	±(2% + 0.05Ω), Rated Power x 5 for 5sec
Dielectric Withstanding Voltage	±(2% + 0.05Ω), AC2500V 60sec
Insulation Resistance	±(2% + 0.05Ω), 500MΩ 500VDC
Resistance Soldering Heat	±(2% + 0.05Ω), 230°C for 5sec
Thermal Shock	±(2% + 0.05Ω), -40°C, +20°C, +125°C
Moisture Resistance	±(5% + 0.05Ω), 40°C, 90 ~ 95% RH
Load Life	±(5% + 0.05Ω), for 1,000hours

■ RATINGS

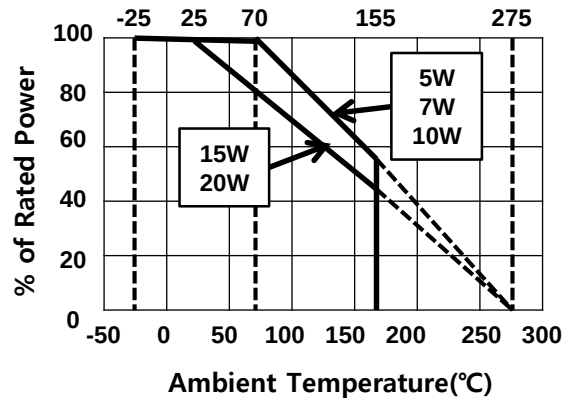
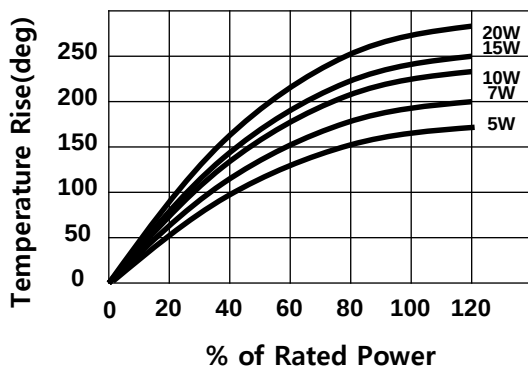
TYPE	Power Rating	Max Working Voltage	Max Overload Voltage	Resistance Range			Operating Temp Range	Rated Ambient Temp	Resistance Tolerance
				MOR	WIRE WOUND				
					Glass core	Ceramic core			
RQA 2	2W	250V	500V	10-100K	0.1-50	0.1-100	-40℃ ~ +155℃	70℃	±1%(F) ±2%(G) ±5%(J)
RQA 3	3W	300V	600V	10-100K	0.1-100	0.1-150			
RQA 5	5W	350V	700V	10-100K	0.1-100	0.1-150			
RQA 7	7W	500V	1000V	10-100K	0.1-150	0.1-200			
RQA 10	10W	700V	1400V	10-100K	0.1-1K	0.1-1K			
RQA 15	15W	700V	1400V	10-100K	1-1K	-		25℃	
RQA 20	20W	750V	1500V	10-100K	1-2K	-			

■ DIMENSIONS



TYPE	Power Rating	Dimensions (mm)			
		L	W	H	d
RQA2	2W	17.5 ± 1.2	6.4 ± 1	6.4 ± 1	0.7
RQA3	3W	22 ± 1.5	8 ± 1	8 ± 1	0.8
RQA5	5W	22 ± 1.5	9.5 ± 1	9.5 ± 1	0.8
RQA7	7W	35 ± 1.5	9.5 ± 1	9.5 ± 1	0.8
RQA10	10W	48 ± 1.5	9.5 ± 1	9.5 ± 1	0.8
RQA15	15W	48 ± 1.5	12.5 ± 1	12.5 ± 1	0.8
RQA20	20W	64 ± 1.5	13 ± 1	13 ± 1	0.8

■ SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD & DERATING CURVES



■ HOW TO ORDER

RQ	A	5W	10Ω	J
TYPE	STYLE	POWER RATING	NOMINAL RESISTANCE	RESISTANCE TOLERANCE

www.resistors.co.kr

Tel +82-31-764-8216