

RQC series

High Power Ceramic Wire Wound Resistor



- Resistances from 10Ω to 200KΩ
- Tolerance 1% or 5%
- Power Ratings of 15Watts
- All-Welded Construction
- Flameproof Inorganic Construction

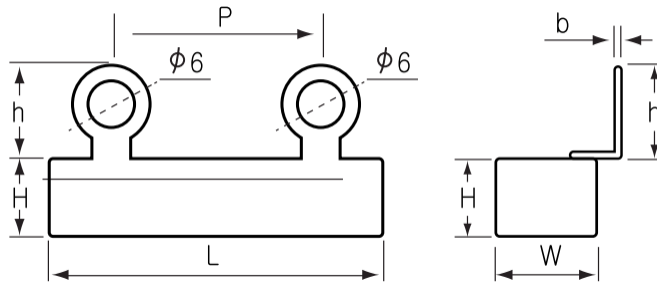
■ SPECIFICATIONS

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), AC500V 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

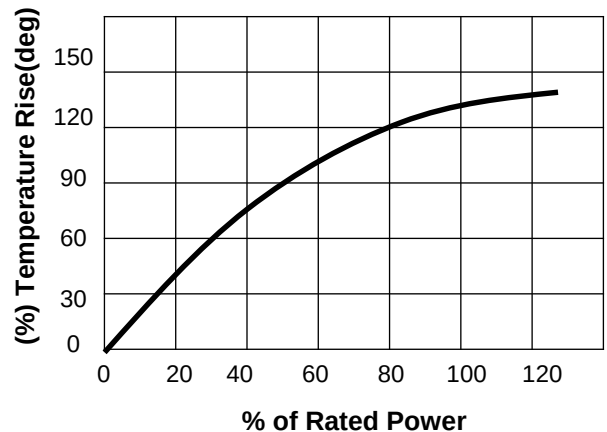
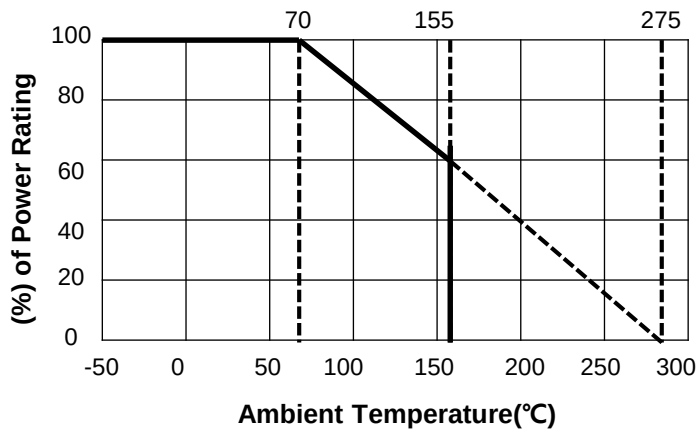
TYPE	Power Rating	Max. Working Voltage	Max. Overload Voltage	Resistance Range				
				MOR	Wire Wound	Operating Temp. Range	Rated Ambient Temp	Resistance Tolerance
RQC15	15W	350V	700V	10 -100K	1 - 250	-40°C ~ 155°C	25°C	±1% (F) ±2% (G) ±5% (J)

■ DIMENSIONS



TYPE	POWER RATNTIG	Dimensions (mm)					
		$L \pm 1.5$	$W \pm 1.5$	$H \pm 1.5$	$P \pm 2.0$	$H \pm 2.0$	b
RQC 15	15W	47	13	13	30	25	0.8

■ SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD & DERATING CURVES



■ HOW TO ORDER

RQ	C	15W	10 Ω	J
TYPE	STYLE	POWER RATING	NOMINAL RESISTANCE	RESISTANCE TOLERANCE

www.resistors.co.kr

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