

RN series

Metal Film Resistor



- Excellent Stability For A Long Time
- Low Noise & Voltage Coefficient
- Low Temperature Coefficient Range
- Wide Precision Range In Small Package

■ SPECIFICATIONS

ITEM	SPECIFICATION LIMITS
Shot Time Over Load	$\pm(1.0\% + 0.05\Omega)$
Dielectric Withstanding Voltage	$\pm(1.0\% + 0.05\Omega)$
Resistance To Soldering Heat	$\pm(1.0\% + 0.05\Omega)$
Temperature Cycling	$\pm(1.0\% + 0.05\Omega)$
Low Temp. Operation	$\pm(1.0\% + 0.05\Omega)$
Terminal Strength	$\pm(1.0\% + 0.05\Omega)$
Moisture Resistance	$\pm(5.0\% + 0.05\Omega)$
Load Life	$\pm(3.0\% + 0.05\Omega)$

■ RATINGS

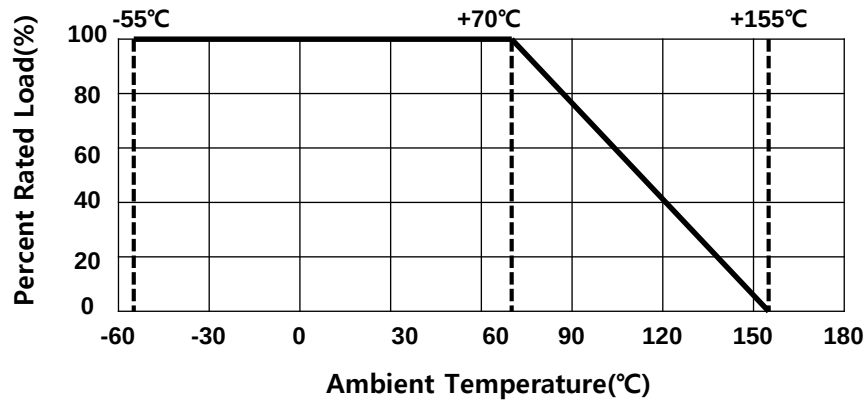
TYPE	Power Rating	Max Working Vol	Max Overload Vol	Resistance Range, Resistance Tolerance			Rating Ambient Temp	Operating Temp Range
				D($\pm 0.5\%$) E-24, E-192	F($\pm 1\%$) E-24, E-96	G($\pm 2\%$) E-24		
RN 1/8	0.125W	150V	300V	49.9 Ω -560K Ω	10 Ω -1.0M Ω	10 Ω -1.0M Ω	+70°C	-55°C~+155°C
RN 1/4	0.25W	250V	500V	10 Ω -1.0M Ω	10 Ω -1.0M Ω	10 Ω -1.0M Ω		
RN 1/2	0.5W	300V	600V	10 Ω -1.0M Ω	10 Ω -1.0M Ω	10 Ω -1.0M Ω		

■ DIMENSIONS



TYPE	Dimensions(mm)			H±3
	L	D	d(nominal)	
RN 1/8W	3.2±0.2	1.7±0.2	0.45	25
RN 1/4W	6.5±0.5	2.3±0.2	0.58	
RN 1/2W	9.0±0.5	3.2±0.5	0.7	

■ DERATING CURVES



■ HOW TO ORDER

RN	1/4W	100Ω	F
TYPE	POEWR RATING	NOMINAL RESISTANCE	RESISTANCE TOLERANCE

www.resistors.co.kr

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