



RESISTOR SERIES

RA RESISTOR NETWORKS

RA Resistor Networks

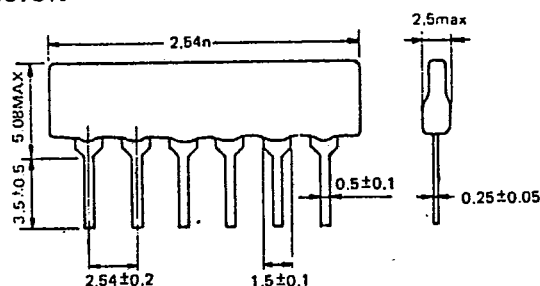
RA type Networks have qualified metal glazed elements on purity ceramic substrates with strong clip-construction terminals, and pricing from automated mass production. Special methods coupled with stringent process controls are used in every step of production to insure 'built-in' reliability and consistent quality.

Features :

1. Small in size with high precision package. It is suitably used in printed circuit.
2. Automated machinery mass production and competitive prices accordingly.
3. Extremely high stability, accuracy and reliability.

DIMENSION:

Unit: mm



TYPE DESIGNATION:

$$\frac{\text{RA}}{a.} \quad \frac{1/8}{b.} \quad \frac{10}{c.} \quad \frac{A}{d.} \quad \frac{472}{e.} \quad \frac{J}{f.}$$

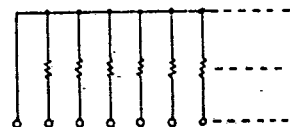
- a. Symbol to designate SIP resistor networks
- b. Power rating per resistor element, 1/8W
- c. Numbers of lead
- d. Symbol to designate networks configurations
- e. Nominal ohmic value (472 : 4.7K)
- f. Resistance tolerance (J: +5%)

RATINGS :

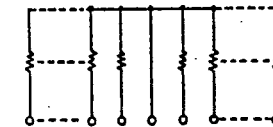
Style	Rated Power of Element	Max. Working Voltage	Max. Overload Voltage	Resistance Range	Resistance Tolerance
RA	0.125W	100W	150V	22Ω-1MΩ E24 Series	F(± 1%) G(± 2%) J(± 5%)

STANDARD CONFIGURATIONS :

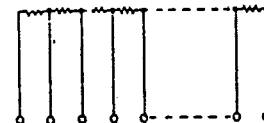
Type A Side Common



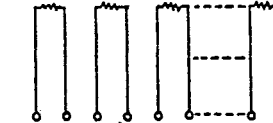
Type B Center Common



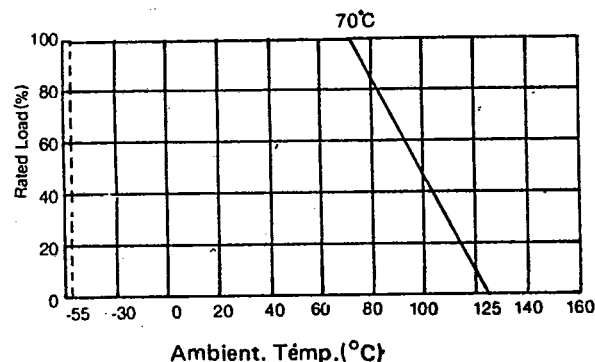
Type S Series Type



Type C Isolated Type:



DERATING CURVE



TYPICAL PERFORMANCE

Test Items	Spec.	Conditions		Ambient Temp.	70°C
		JIS-C-5202	MIL-R-83401	Rated power per element	1/8 W
Operating Temp.	-55 ~ +125°C			n	Rated Power
Resistance Temp. Coeff.	±200 ppm/°C	5.2 (B)	6. 4. 8.	4 pin	0.4W
Short Overload	± 1.0%	5.5	4. 6. 10	5 pin	0.5W
Temperature Cycle	± 0.5%	7.4(-55°C/ + 125°C)	4. 6. 3.	6 pin	0.63W
Load Life	±2.0%	7.10 (1,000HR)	4. 6. 18(& 70°C 1000HR)	7 pin	0.75W
Moisture-Proof Load Life	± 2.0%	7.90 (1,000HR)		8 pin	0.85W
Moisture Resistance	± 1.0%		4. 6. 15	9 pin	1.0W
Hign Temp. Exposure	± 1.0%		4. 6. 19	10 pin	1.05W
Solderability	95% Coverage Tmin.	6.5 (230°C/5S)	4. 6. 6.	11 pin	1.15W
Solder Pot	± 0.5%	6.4 (260°C/10S)	4. 6. 14	12 pin	1.25W
Terminal Tensile	± 0.5%	6.1 (1) 1 kg/10S	4. 6. 11		
Terminal bend	2 °	6.1 (4) 250g	4. 6. 11		