DON® RESISTOR SERIES
RA RESISTOR NETWORKS

RA Resistor Networks

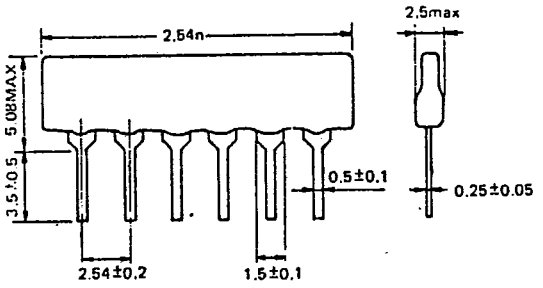
RA type Networks have qualified metal glazed elements on purity ceramic substrates with strong clip-construction terminals, and pricing from automated mass production. Special methods coupled with stringent process controls are used in every step of production to insure 'built-in' reliability and consistent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

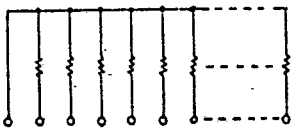
DIMENSION:

Unit: mm

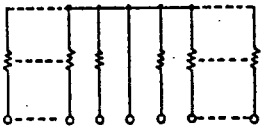


STANDARD CONFIGURATIONS :

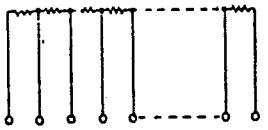
Type A Side Common



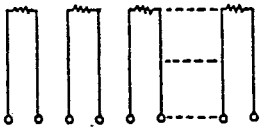
Type B Center Common



Type S Series Type



Type C Isolated Type:



TYPE DESIGNATION :

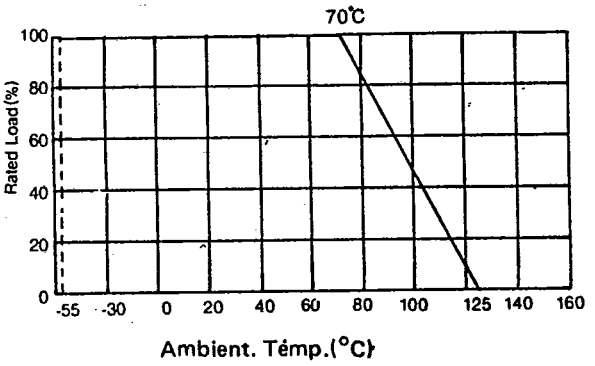
RA	1/8	10	A	472	J
a.	b.	c.	d.	e.	f.

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%)

DERATING CURVE



TYPICAL PERFORMANCE

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

Ambient Temp.	70°C
Reted power per element	1/8 W
n	Rated Power
4 pin	0.4W
5 pin	0.5W
6 pin	0.63W
7 pin	0.75W
8 pin	0.85W
9 pin	1.0W
10 pin	1.05W
11 pin	1.15W
12 pin	1.25W