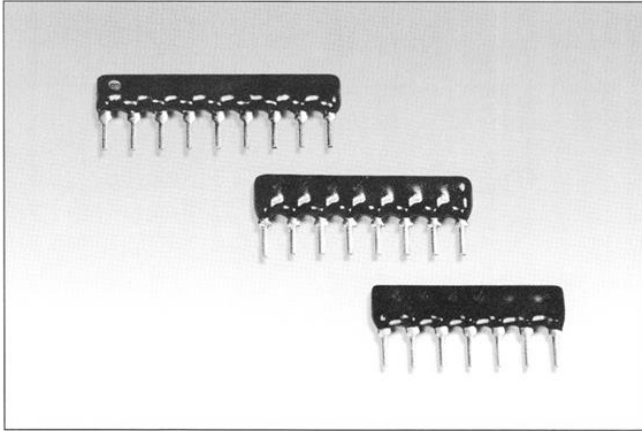




TECH-MEN ELECTRONICS COMPONENTS

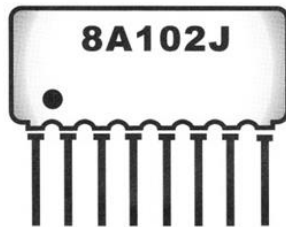
Supply * Sub Assemblies * Taping/ Forming Components
Co. Reg. No: 45730100K

Network Resistors



FEATURES:

- Resistors are packed in a small package for high density mounting. Excellent characteristics of thick film resistors.
- Lead free and RoHS compliant part.



MARKING

1st Letter	:	Number of Pins
2nd Letter	:	Type of Circuit
3rd, 4th & 5th Letters	:	Resistance Value
6th Letter	:	Tolerance
Dot	:	The First Pin

POWER RATING (TABLE 1)

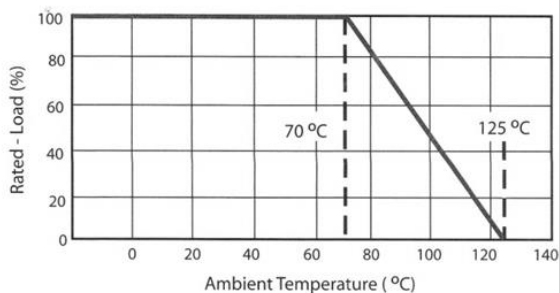
STYLE	MAX. WORKING VOLTAGE	MAX. OVERLOAD VOLTAGE	RATED POWER AT 70 °C OR UNDER	
			OTHER CIRCUIT	B & Y CIRCUIT
RNL	100V	150V	0.125W	0.20W
RNM	150V	250V	0.15W	0.25W
RNH	200V	300V	0.25W	0.35W

ELECTRICAL SPECIFICATIONS

OPERATING TEMPERATURES	-55 °C ~ +125 °C
RESISTANCE RANGE	10Ω ~ 1MΩ (other resistance on request)
T.C.R	±100 PPM/ °C (±250PPM/ °C for < 50Ω or > 2.2MΩ)
RATED POWER	(Table 1)
MAX. RATED VOLTAGE	(Table 1)
MAX. OVERLOAD VOLTAGE	(Table 1)

POWER DERATING

The rated power at the temperature in excess of 70 °C shall be derated in accordance.



RATED VOLTAGE

The DC or AC (rms) continuous working voltage corresponding to the rated power is determined by the following formula:

$$V = \sqrt{R \times P}$$

Where V = Continuous rated DC or AC (rms) working voltage (V)

P = Rated power (W)

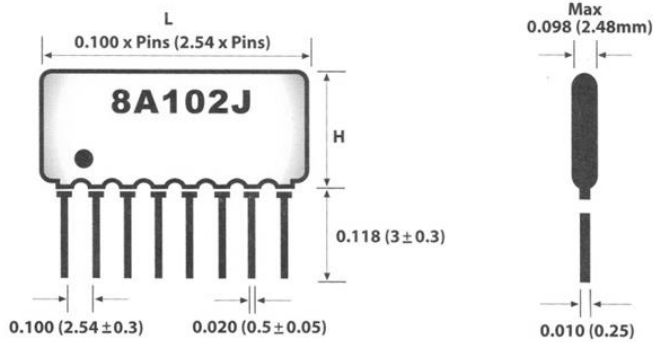
R = Resistance value (Ω)



TECH-MEN ELECTRONICS COMPONENTS

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Co. Reg. No: 45730100K



DIMENSIONS (Unit : mm)

No. Of Pins	DIMENSIONS													
	4	5	6	7	8	9	10	11	12	13	14	RNL	RNM	RNH
L	10.2	12.7	15.3	17.8	20.4	22.9	25.4	28.0	30.5	33.1	35.6			
H (max)												5.08	6.50	8.90

PART NUMBER

Part number of the resistor network is identified by the name, pins, tolerance, packing, temperature coefficient, special type and resistance value.

Example

RNL	08	A	J	T	F	100K
Series Name	Pins	Schematic	Resistance Tolerance	Packing Style	Temperature Coefficient Of Resistance	Resistance Value

1. STYLE	RNL, RNH, RNM
2. PINS	Total number of pins of resistor network
3. SCHEMATIC	Total is A(X), B(Y), C, D, E, F, P, T, Z type (Customer circuit is on request)
4. TOLERANCE	F= 1%, G= 2%, J= 5%
5. PACKING STYLE	T= Tape on Box Packing B= Bulk Bag
6. T.C.R	F = ±100ppm/°C G = ±250ppm/°C for <50Ω or > 2.2MΩ
7. RESISTANCE VALUE	33R, 1K, 10K, 220R / 330R

SCHEMATIC

