

Resistor Networks

Series RN

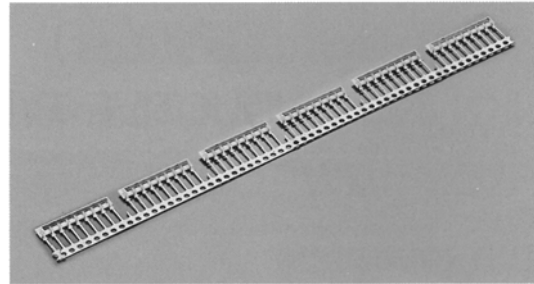
SIL TYPE (SINGLE IN LINE)

1/8W

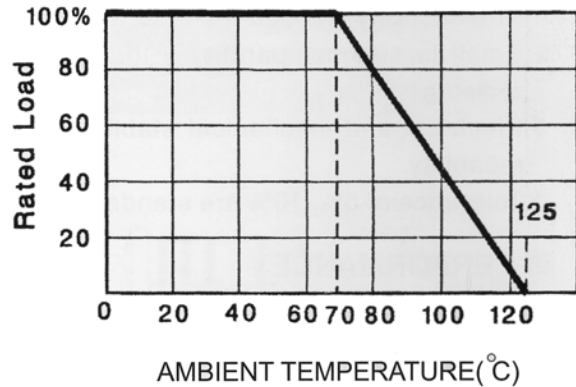
FROM 4 PINS TO 14 PINS

FEATURES

- Available in 4 to 14 pin packages for design flexibility.
- Low profile is compatible with DIPs.
- High temperature solder ensures compatibility with all popular board soldering techniques, including vapor phase.
- High purity alumina substrate for superior heat dissipation.
- Unique lead attachment for product reliability and strength.
- Gold and black epoxy provides excellent marking contrast.
- Laser marking for permanent identification.
- Zero Ohm jumper is available.



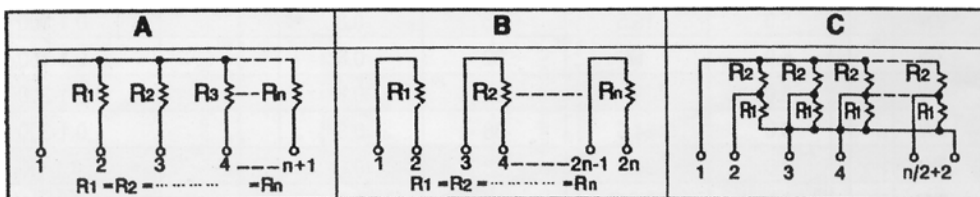
POWER DEATING CHARACTERISTICS



PERFORMANCE CHARACTERISTICS

Temperature Range:	-55°C To +125°C	
Resistance Range:	Standard	Optional
	10Ω To 1M	*Special Value on request
Temperature Coefficient: ± 100ppm/ C (± 250ppm/ C for <50Ω or >2.2MΩ)		
Power:	AT 70 C, A&B circuit 0.20W per resistor, Other circuits 0.125W	
Maximum Working Voltage	100Vdc	
Dielectric Voltage:	200Vrms.	
Resistance Tolerance:	G= ± 2%, J= ± 5%	

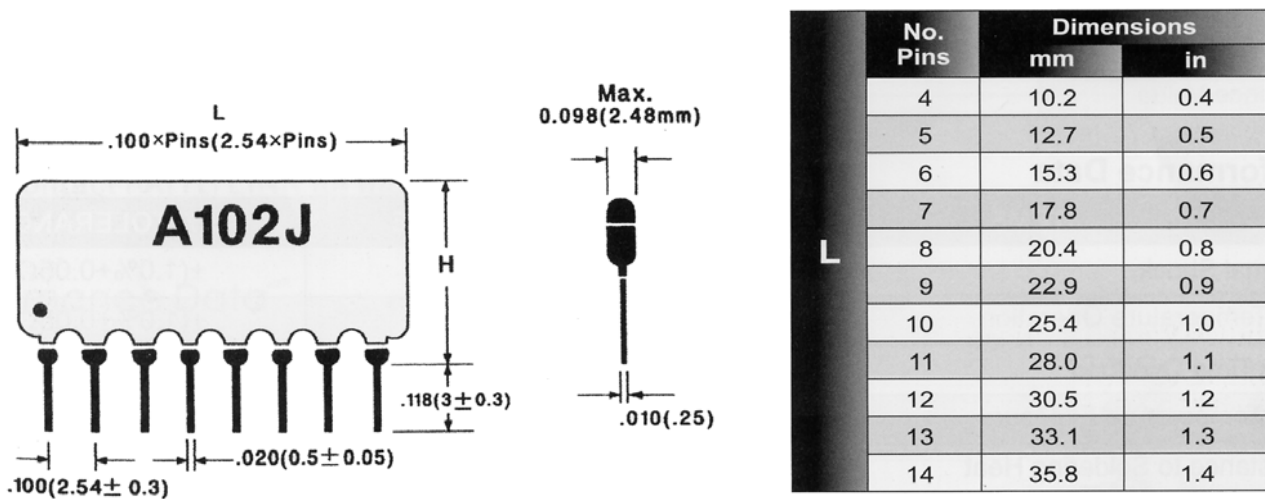
SCHEMATIC (Special Customer Design is Acceptable)



ENVIRONMENTAL CHARACTERISTICS

Items Accordance with MIL-R-83401	Specification
Insulation Resistance (200Vdc Applied)	10 ⁴ MΩ or Greater
Thermal Shock (-55°C to +125°C, 5 Cycles)	ΔR/R:±(0.5%+0.1Ω)
Short Time Overload (2.5 x Rated Voltage, 5 Sec.)	ΔR/R:±(0.5%+0.1Ω)
Resistance to Soldering Heat (+260°C ± 5°C, 10 Sec.)	ΔR/R:±(0.5%+0.1Ω)
Heat Shock (+25°C to +125°C, 5 Cycles)	ΔR/R:±(0.5%+0.1Ω)
Moisture Resistance, Constant State (40°C, 95% R.H. 1000Hrs.)	ΔR/R:±(1%+0.1Ω)
High Temperature Exposure (125°C, 100Hrs.)	ΔR/R:±(1%+0.1Ω)
Moisture Load Life (1,000Hrs.40°C, 95% R.H. Rated Voltage Cycling)	ΔR/R:±(3%+0.1Ω)
Load Life (1,000Hrs., Rated Voltage Cycling at 70°C)	ΔR/R:±(3%+0.1Ω)
Lead Pull Strength (1kg, 10 Sec.)	ΔR/R:±(0.5%+0.1Ω)
Temperature Coefficient (-55°C to 125°C)	±100ppm/ C ±250ppm/ C for <50Ω or >2.2MΩ
Solderability (230°C for 5 Sec.)	95% min.Coverage

DIMENSIONS



HOW TO ORDER

