

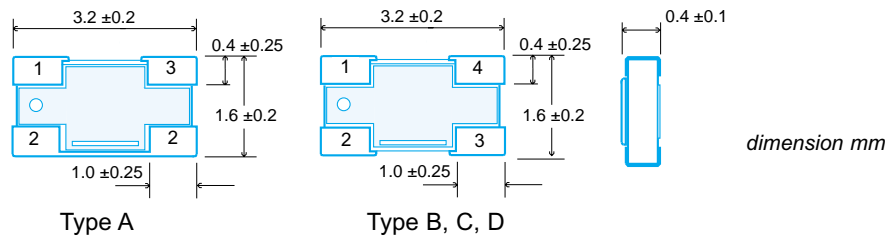
Thin Film Chip Resistor Networks

RN 1220 and 1632 Series, Precision

1.0 Description

These 1206 chip resistor networks are available with either 2 or 3 resistors, and offer better performance than SIP networks. The surface mount package allows for less parasitic capacitance/inductance and even lower noise performance. Typical application: Voltage dividers.

2.0 Mechanical



3.0 Electrical

Type	RN1220A, RN1632A	RN1220B, RN1632B	RN1632C	RN1632D
Schematic Diagram				
Resistance range	100 to 51K ohm	100 to 51K ohm	100 to 33K ohm	100 to 33K ohm
Resistance tolerance	±0.5% (D), ±0.1% (B)	±0.5% (D), ±0.1% (B)	±0.5% (D), ±0.1% (B)	±0.5% (D), ±0.1% (B)
Tracking tolerance	±0.2% (C), ±0.1% (B)	±0.2% (C), ±0.1% (B)	±0.2% (C), ±0.1% (B)	±0.2% (C), ±0.1% (B)
T.C.R. ppm/°C	±25ppm (E)	±25ppm (E)	±25ppm (E)	±25ppm (E)
Tracking T.C.R. ppm/°C	±10ppm (N), ±5ppm (V)	±10ppm (N), ±5ppm (V)	±10ppm (N), ±5ppm (V)	±10ppm (N), ±5ppm (V)
Power rating (RN1220)	50 mW/element	50 mW/element		
Power rating (RN1632)	63 mW/element	63 mW/element	42 mW/element	42 mW/element
Rated temperature	70°C			
Operating temp. range	-55°C to +125°C			

Larger resistor packages available. Refer to part number [RN4556](#) when calling.

4.0 Part Number

RN _____ Product designator
1632 _____ Package size
A _____ Circuit qualifier (A, B, C, D)
******* _____ Resistance value
B _____ Resistance Tolerance
V _____ Tracking TCR
B _____ Tracking tolerance



THIN FILM TECHNOLOGY CORP.
 1980 Commerce Drive
 N. Mankato, MN 56003-1702 USA
 +1 507 625-8445 / +1 507 625-3523 fax
www.thin-film.com
sales@thin-film.com