

features

- High precision resistor networks
- Combination of different resistance is available for custom circuit
- TCR tracking down to 5ppm/°C
- Marking: Black body color

ordering information

RIA

RIA	Q20	T	TE	1002	B	E	B	T
Circuit Code	Package Symbol	Termination Material	Packaging	Nominal Resistance	Absolute Tolerance	T.C.R.	Relative Res. Toler.	T.C.R. Tracking
RIA: Isolated resistor network	Package type symbol + number of pins Q16, Q20, Q24: QSOP N08, N14, N16: SOIC narrow	T: Sn	TE: Embossed plastic	4 digits 3 digits	B: ±0.1% C: ±0.25% D: ±0.5% F: ±1% G: ±2% J: ±5%	T: ±10 E: ±25 C: ±50 H: ±100	A: ±0.05% B: ±0.1% C: ±0.25% D: ±0.5% F: ±1% G: ±2% Blank: Not specified	Y: ±05 T: ±10 E: ±25 C: ±50 Blank: Not specified

Specifications are limited by the circuit and resistance value. Please contact us separately.

RNX

RNX	Q20	T	TE	5001
Circuit Code	Package Symbol	Termination Material	Packaging	Custom Code
RNX: Custom Resistor network	Package type symbol + number of pins	T: Sn (L: Sn/Pb)	TE: Embossed plastic	

For further information on packaging, please refer to Appendix A.

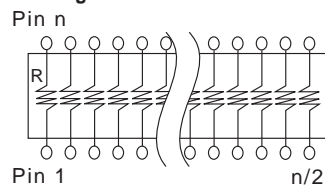
ratings

Product Code	Number of Pins	T.C.R.	Resistance Range (E24) and Resistance Tolerance					Relative Resist. Tol.	TCR Tracking
			B: ±0.1%	C: ±0.25%	D: ±0.5%	F: ±1%	G: ±2%, J: ±5%		
RIA RNX	8, 14, 16, 20, 24	T: ±10	510Ω ~ 100kΩ	510Ω ~ 100kΩ	510Ω ~ 100kΩ	510Ω ~ 100kΩ	510Ω ~ 100kΩ	0.05%, 0.1%, 0.25%, 0.5%, 1%, 2%	5, 10, 25, 50
		E: ±25			100Ω ~ 510kΩ	100Ω ~ 510kΩ	100Ω ~ 510kΩ		
		C: ±50			51Ω ~ 510kΩ	51Ω ~ 510kΩ	51Ω ~ 510kΩ		
		H: ±100			30Ω ~ 510kΩ	10Ω ~ 510kΩ	10Ω ~ 510kΩ		

Rated power (70°C): 10Ω~1kΩ 200mW/element 1.1kΩ~50mW/element
Please inquire of us about your custom devices and circuits. (Different resistance combination available) Depending on the circuit and package, much higher resistances are possible. For RIA20, 24 pin, highest resistance value/element is up to 100kΩ.

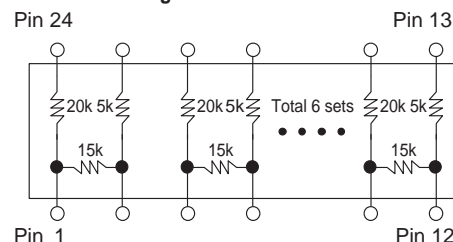
circuit schematic

RIA - High Precision Resistor Networks



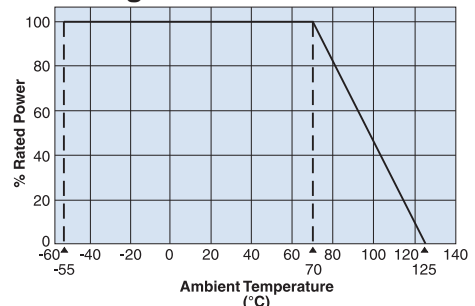
Please ask about your custom devices and circuits.

RNX - Custom High Precision Resistor Networks



environmental applications

Derating Curve



For resistors operated at an ambient temperature of 70°C or above, a power rating shall be derated in accordance with the derating curve.