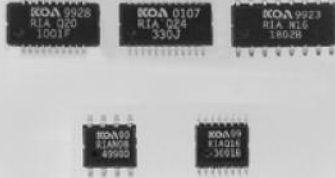


features

- High precision resistor networks
- Combination of different resistance is available for custom circuit
- Relative resistance tolerance 0.05%~
- TCR tracking $5 \times 10^{-6}/K$ ~
- Marking: Black body color



ordering information

RIA

RIA	Q20	T	TEB	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 (L: Sn/Pb)	TEB: 13" embossed plastic	4 digits	B: $\pm 0.1\%$ C: $\pm 0.25\%$ D: $\pm 0.5\%$ F: $\pm 1\%$	T: ± 10 E: ± 25 C: ± 50 H: ± 100	A: $\pm 0.05\%$ B: $\pm 0.1\%$ C: $\pm 0.25\%$ D: $\pm 0.5\%$ F: $\pm 1\%$ G: $\pm 2\%$ Blank: Not specified	Y: ± 05 T: ± 10 E: ± 25 C: ± 50 Blank: Not specified

RNX

RNX	Q20	T	TEB	5128
Circuit Code	Package Symbol	Termination Material	Packaging	Custom Code
RNX: Custom Resistor network	Package type symbol + number of pins	T: Sn (L: Sn/Pb)	TEB: 13" embossed plastic	

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

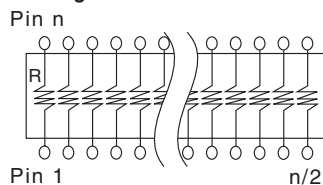
ratings

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

Please ask about your custom devices and circuits (Different resistance combinations available). Depending on the circuit and package, much higher resistances are possible. For RIA20, 24 pin, highest resistance value/element is up to 100k Ω

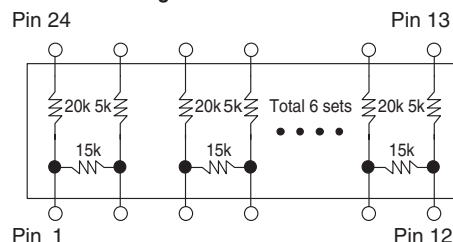
circuit schematic

RIA - High Precision Resistor Networks

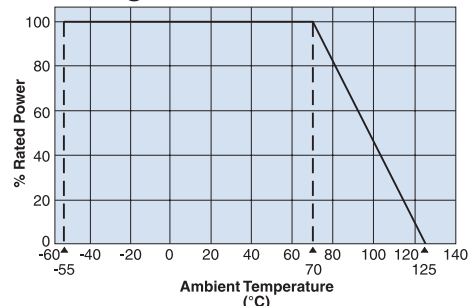


Please ask about your custom devices and circuits.

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.

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[RIAQ16TTEB330JH](#) [RNXW16TTE5042](#)