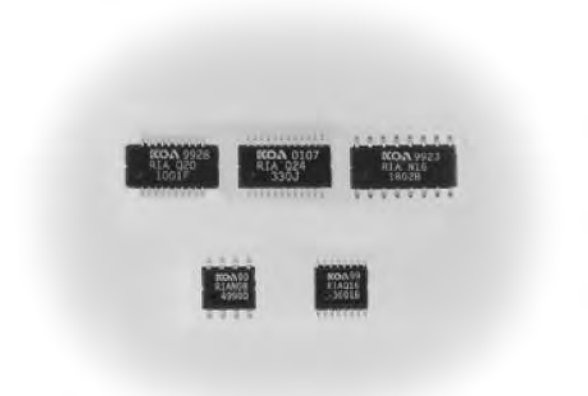
EU RoHS COMPLIANT



features

- High precision resistor networks
- Combination of different resistance is available for custom circuit
- Relative resistance tolerance 0.05%~
- TCR tracking 5x10^{-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: ±0.1% C: ±0.25% D: ±0.5% F: ±1%	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

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.

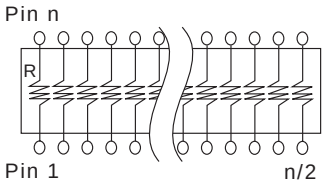
ratings

Product Code	Number of Pins	T.C.R.	Resistance Range ( ) (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		

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 100kΩ

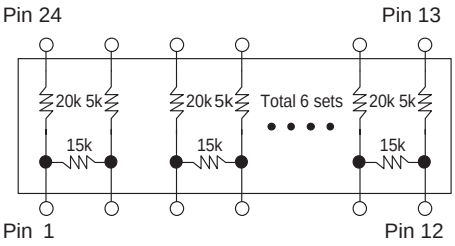
circuit schematic

RIA - High Precision Resistor Networks



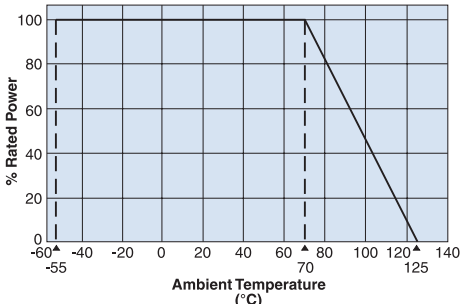
Please ask about your custom devices and circuits.

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.