KOA SPEER ELECTRONICS, INC.

RTY

precision voltage divider

EU
RoHS
COMPLIANT

features

- Expanded flexibility of component layout
- Relative precision of pair resistors are guaranteed
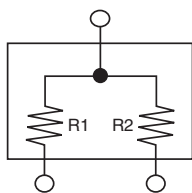- TCR tracking down to 5ppm/°C

ordering information

RTY	S03	T	TE	7516
Circuit Code	**Package Symbol**	**Termination Material**	**Packaging**	**Custom Code**
RTY: SOT-23 Resistor network	Package type symbol + number of pins	T: Sn (L: Sn/Pb)	TE: 7" embossed plastic	

ratings

Product Code	T.C.R.	Resistance Range (Ω) (E24) and Resistance Tolerance					Relative Resist. Tol.	TCR Tracking
		B: ±0.1%	C: ±0.25%	D: ±0.5%	F: ±1%	G: ±2%, J: ±5%		
RTY	T: ±10	1kΩ ~ 40kΩ	1kΩ ~ 40kΩ	1kΩ ~ 40kΩ	1kΩ ~ 40kΩ	1kΩ ~ 40kΩ	0.05%, 0.1%, 0.25%, 0.5%, 1%, 2%	5, 10, 25, 50
	E: ±25	1kΩ ~ 150kΩ	1kΩ ~ 150kΩ	100Ω ~ 150kΩ	100Ω ~ 150kΩ	100Ω ~ 150kΩ		
	C: ±50			51Ω ~ 200kΩ	51Ω ~ 200kΩ	51Ω ~ 200kΩ		
	H: ±100				30Ω ~ 200kΩ	30Ω ~ 200kΩ		

Please ask 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
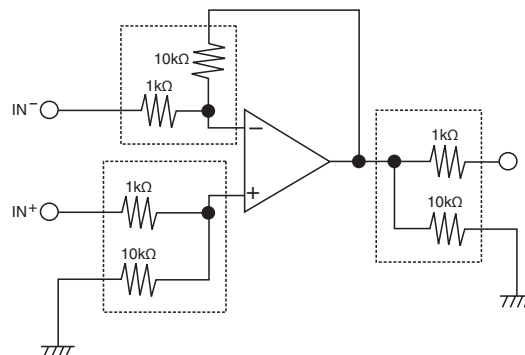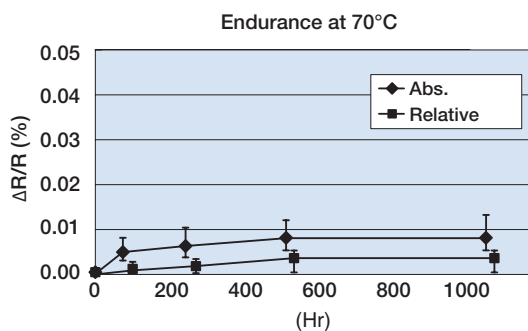
circuit schematic

ratings

Package Symbol	Package	Number of Pins	Package Power Rating (W)
S03	SOT-23	3	0.2

typical characteristics

Endurance at 70°C (Typical: 1kΩ, 8 resistors/package)

Endurance at 70°C

example of application

merit of thin film resistor networks

Metal thin film resistors formed by sputtering method have very similar characteristic among pair resistors. When their characteristic of T.C.R., aging, etc. for relative precision is requested, it's very suitable to apply thin film resistor networks to utilize the characteristic as above.

Specifications given herein may be changed at any time without prior notice. Please confirm technical specifications before you order and/or use.   1/30/20

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