

### features

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

### ordering information

<b>RTY</b>	<b>S03</b>	<b>T</b>	<b>TE</b>	<b>7516</b>
<b>Circuit Code</b>	<b>Package Symbol</b>	<b>Termination Material</b>	<b>Packaging</b>	<b>Custom Code</b>
RTY: SOT-23 Resistor network	Package type symbol + number of pins	T: Sn	TE: 7" embossed plastic	

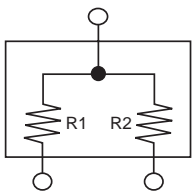
### applications & ratings

Refer to the RB(X), RD(X), RT(X) data sheet for Dimensions and Construction as well as Performance Characteristics information.

Product Code	T.C.R.	Resistance Range ( $\Omega$ ) (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: $\pm 5\%$		
RTY	T: $\pm 10$	1k $\Omega$ ~ 40k $\Omega$	1k $\Omega$ ~ 40k $\Omega$	1k $\Omega$ ~ 40k $\Omega$	1k $\Omega$ ~ 40k $\Omega$	1k $\Omega$ ~ 40k $\Omega$	0.05%, 0.1%, 0.25%, 0.5%, 1%, 2%	5, 10, 25, 50
	E: $\pm 25$	1k $\Omega$ ~ 150k $\Omega$	1k $\Omega$ ~ 150k $\Omega$	100 $\Omega$ ~ 150k $\Omega$	100 $\Omega$ ~ 150k $\Omega$	100 $\Omega$ ~ 150k $\Omega$		
	C: $\pm 50$			51 $\Omega$ ~ 200k $\Omega$	51 $\Omega$ ~ 200k $\Omega$	51 $\Omega$ ~ 200k $\Omega$		
	H: $\pm 100$			30 $\Omega$ ~ 200k $\Omega$	30 $\Omega$ ~ 200k $\Omega$	30 $\Omega$ ~ 200k $\Omega$		

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

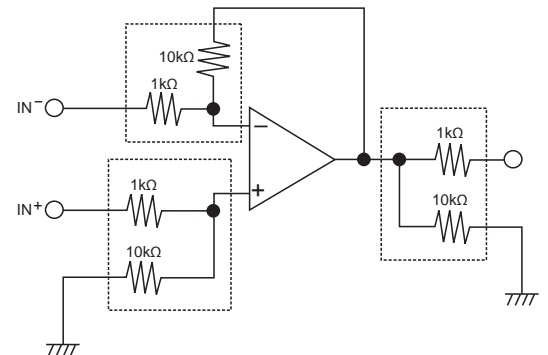
### circuit schematic



### ratings

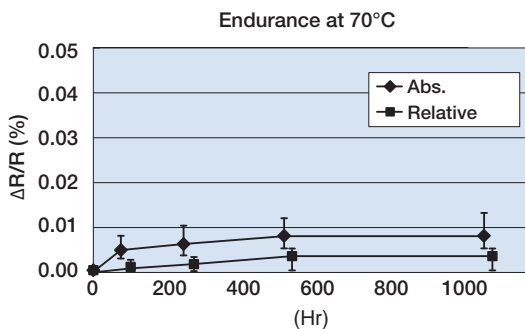
Package Symbol	Package	Number of Pins	Package Power Rating (W)
S03	SOT-23	3	0.2

### example of application



### typical characteristics

Endurance at 70°C (Typical: 1k $\Omega$ , 8 resistors/package)



### 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.