



# NTC THERMISTORS: TYPE KS

## DISC WITH RADIAL LEADS

### DESCRIPTION:

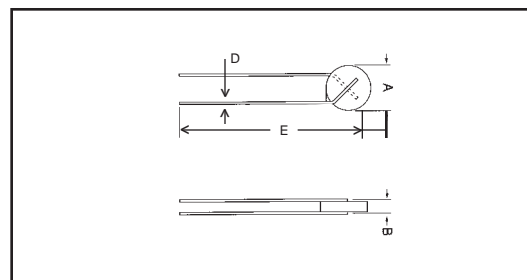
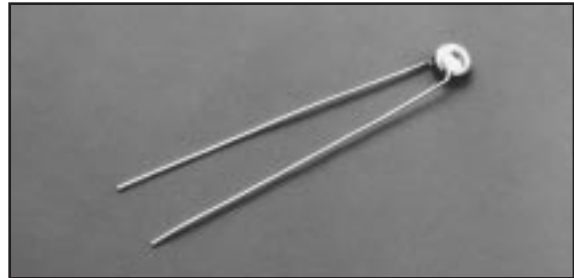
A range of leaded disc thermistors.

### FEATURES:

- Wide range of resistance-temperature characteristics
- High sensitivity to changes in temperature
- Suitable for probe mounting
- Self-heated operation
- Wide operating temperature range: -50°C to +155°C
- Excellent stability
- Typical applications include automotive engine temperature gauge driving

### OPTIONS:

- Other resistance-temperature characteristics
- Custom design to match gauge characteristics
- Special wire forms
- Lead frame assembly



PART NO.	R25 Nominal	R60 Nominal	R85 Nominal	R115 Nominal	Rref @ Tref	Disc Diameter A	Disc Thickness B	Lead Wire Diameter Nominal D	Overall Length E
	$\Omega$	$\Omega$	$\Omega$	$\Omega$		mm	mm	mm	mm
KS2877	2751	661	279	114	175.3±1.7 $\Omega$ @ 100°C	4.89±0.32	3.8	0.5	28.06±0.76
KS2939	2751	661	279	114	175.3±1.7 $\Omega$ @ 100°C	3.55±0.25	2.9	0.5	27.39±0.76
KS3011*	2474	344	107	32	94±3.5 $\Omega$ @ 88°C	6.1 max	3.5	0.5	30±1
KS3023*	1000	238	100	41	40.9±4.2 $\Omega$ @ 115°C	6.1 max	3.5	0.5	30±1
KS3517	6800	1650	715	300	6800±680 $\Omega$ @ 25°C	7 max	4	0.6	35 min

\* supplied with epoxy coating