



NTC THERMISTORS: TYPE KS

DISC WITH RADIAL LEADS

DESCRIPTION:

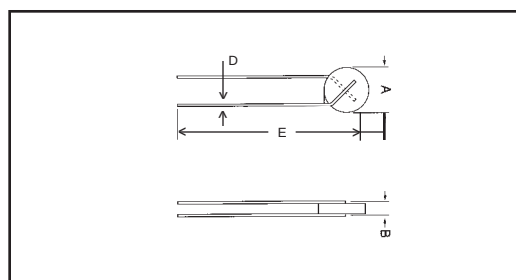
A range of leaded disc thermistors.

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
	Ω	Ω	Ω	Ω		mm	mm	mm	mm
KS2877	2751	661	279	114	$175.3 \pm 1.7 \Omega @ 100^\circ\text{C}$	4.89 ± 0.32	3.8	0.5	28.06 ± 0.76
KS2939	2751	661	279	114	$175.3 \pm 1.7 \Omega @ 100^\circ\text{C}$	3.55 ± 0.25	2.9	0.5	27.39 ± 0.76
KS3011*	2474	344	107	32	$94 \pm 3.5 \Omega @ 88^\circ\text{C}$	6.1 max	3.5	0.5	30 ± 1
KS3023*	1000	238	100	41	$40.9 \pm 4.2 \Omega @ 115^\circ\text{C}$	6.1 max	3.5	0.5	30 ± 1
KS3517	6800	1650	715	300	$6800 \pm 680 \Omega @ 25^\circ\text{C}$	7 max	4	0.6	35 min

* supplied with epoxy coating

BOWTHORPE THERMOMETRICS
Crown Industrial Estate, Priorswood Road
Taunton, Somerset TA2 8QY UK
Tel +44 (0) 1823 335200
Fax +44 (0) 1823 332637

THERMOMETRICS, INC.
808 US Highway 1
Edison, New Jersey 08817-4695 USA
Tel +1 (732) 287 2870
Fax +1 (732) 287 8847

KEYSTONE THERMOMETRICS CORPORATION
967 Windfall Road
St. Marys, Pennsylvania 15857-3397 USA
Tel +1 (814) 834 9140
Fax +1 (814) 781 7969