



NTC THERMISTORS: TYPE KSP

INTERCHANGEABLE THERMISTORS

DESCRIPTION:

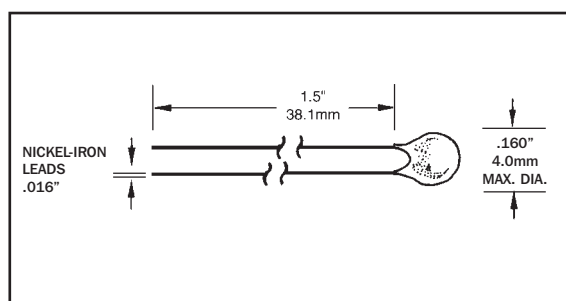
Interchangeable precision thermistor.

FEATURES:

- High accuracy thermistor disc with protective coating
- Provides close tolerance temperature measurement without individual calibration
- High sensitivity to changes in temperature
- Suitable for temperature measurement and control
- Accuracy of $\pm 0.2^{\circ}\text{C}$ from 0°C to 75°C
- Wide operating temperature range: -40°C to 100°C
- Rugged construction
- High stability over a long life
- Beta value ($25^{\circ}\text{C} - 85^{\circ}\text{C}$) = 3972k
- Low conductivity, nickel-iron leads (26AWG).
- Also available on tape and reel to EIA RS - 468A for automatic insertion.
- Available on bandolier to IEC286-2



DIMENSIONS:



Ro@25C (Ohms)	MATERIAL SYSTEM	TYPE NUMBER
3K	P9.7	RL1003-1746-97-SP
5K	P9.7	RL1005-2910-97-SP
10K	P9.7	RL1008-5820-97-SP

OPTIONS:

- Other resistances in the range $3\text{k}\Omega$ to $10\text{k}\Omega$
- Other tolerances, tolerances at other temperatures
- Alternate lead lengths
- Alternate material systems and resistances

DATA:

Temperature coef of resistance @ 25°C :

..... -4.40% / $^{\circ}\text{C}$

Dissipation Constant: $1.0 \text{ mW/}^{\circ}\text{C}$

Time Constant: 10 sec.

Operating Range: -40°C to 100°C

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