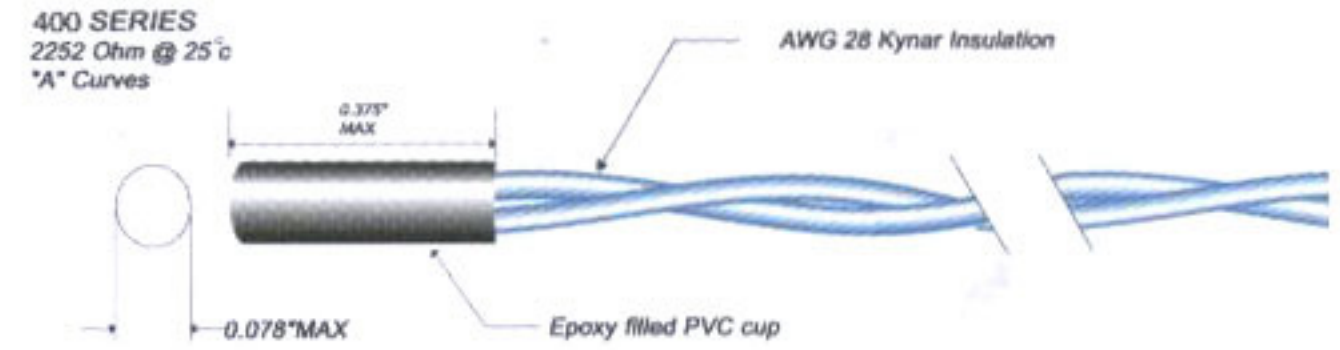


Life Sciences Temperature Probes

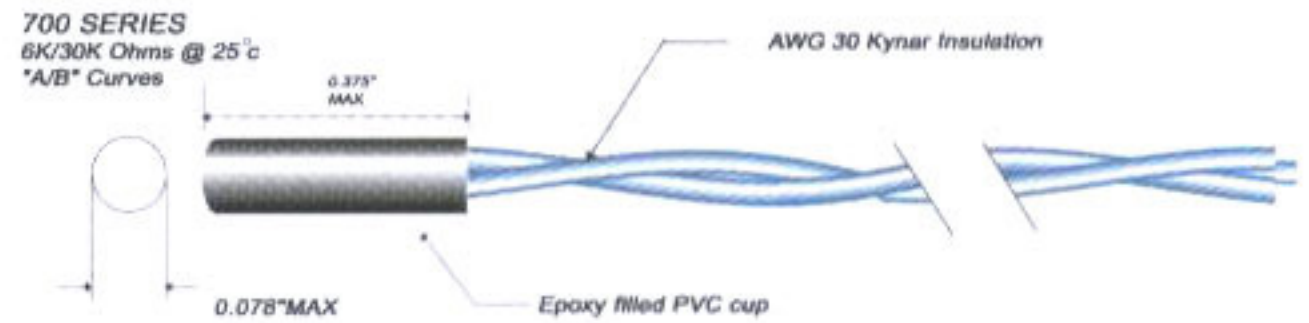
LS Series .078" dia.



LS400 Series
2252 Ohms at 25°C "A" Curve



LS700 Series
6k/30k Ohms at 25°C "A" Curve



FEATURES:

- Interchangeable tolerances
- Skin & catheter disposable sensor designs
- High quality construction
- Custom designs at a low cost
- Compatible with YSI 400 and 700 temperature monitor instruments

These thermistors offer a precision method of life science and patient care temperature sensing. Our disposable sensors meet the necessity of low cost without compromising high quality and precise accuracy.

SPECIFICATIONS

Temperature rating/ recommended operating ranges

LS Series thermistors may be intermittently cycled at temperatures from -50°C to 150°C. Optimum stability is achieved when thermistors are operated at temperatures within the specified temperature range.

R/T curves

LS Series is manufactured with "A" and "B" R/T curve materials. Detailed curve material information on pages 23-25.

Tolerances

±0.10°C
±0.20°C
±0.50°C
±1.00°C

Dissipation constant

2.5 mW/°C in still air
13 mW/°C in stirred oil

Thermal time constant

Typically 1.25 seconds in stirred oil

Custom options

Various lead materials, termination and lengths

To order specify:

- Series
- Tolerance
- Resistance @25°C
- Curve
- Lead length, gauge and material
- Termination

Example: LS400, 0.1°C Tolerance, Curve A, 10" AWG 28 Kynar, Molex part number connector)