



FL Thermistor

Overview

Amphenol Type FL Low Profile NTC Temperature Sensor consists of an NTC chip thermistor enclosed in a flat flexible circuit (FFC) with a thin-film protective coating. With its low profile (1.0 mm max thickness) and contour-conforming flexibility, this sensor is ideal for tight applications.



Features

- $R_{25^{\circ}\text{C}} = 10\text{k}\Omega \pm 3\%$
- $B(25/85) = 3936\text{K} \pm 1\%$
- Working Temp. : $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
- Insulation Resistance :
>100Mohm @ 1000V DC
- RoHS Compliance (Directive 2011/65/EU)

Applications

- EV/HEV Battery Pack Temperature Sensing
- Temperature measurement, where space is limited and not flat surface