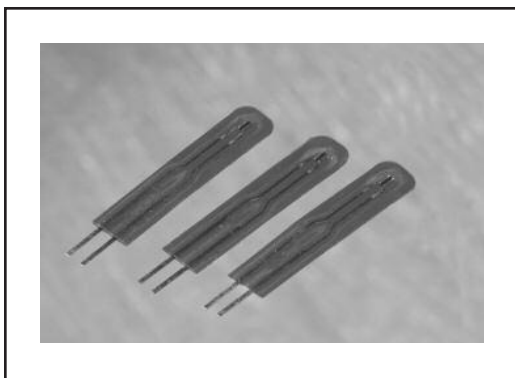


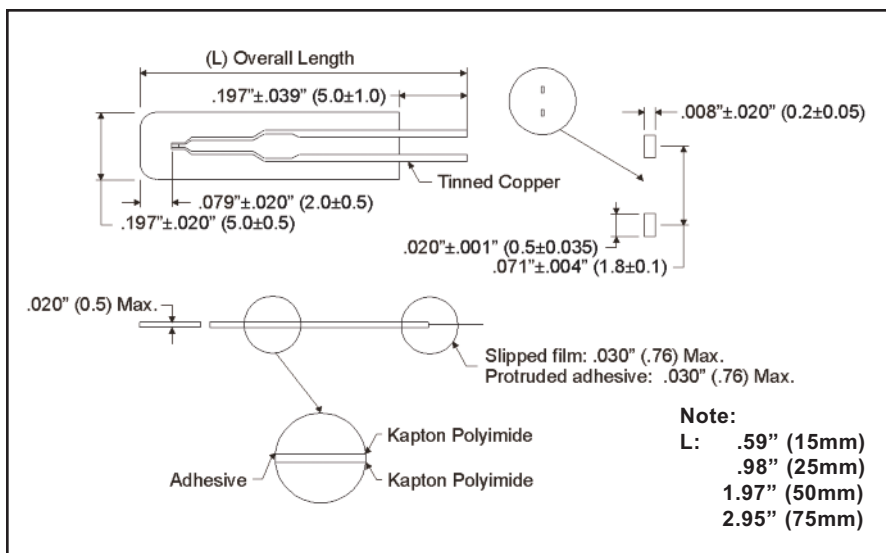
# Thin Film NTC Thermistors

## TF Series



### FEATURES

- UL 1434 certified
- Thin film insulated
- Leads can be attached
- RoHS compliant

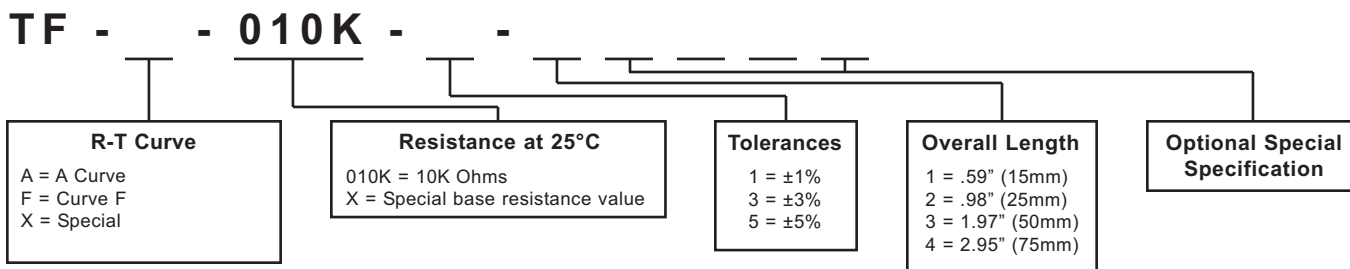


The TF Series thin film thermistor is able to monitor temperature in small spaces and is perfect for battery pack or charger applications.

### SPECIFICATIONS

<b>Temperature range</b>	-50°C to 90°C	<b>Dissipation constant</b>	0.3 mW/°C in still air 0.7 mW/°C in stirred oil
<b>Continuous operating temp range</b>	-50°C to 76°C	<b>Thermal time constant</b>	Typically 2.0 seconds in still air Typically 0.8 seconds in stirred oil
<b>Optional temperature range</b>	-50°C to 125°C	<b>Maximum power rating</b>	3.5 mW at 25°C to 1.1 mW at 100°C
<b>Continuous operating temp range</b>	-50°C to 105°C		
<b>Resistance at 25°C</b>	10,000 Ohms		
<b>Curves/Betas (25/85)</b>	A Curve=3977K F Curve=3435K		
<b>Tolerances at 25°C</b>	±1% ±3% ±5%		

### ORDERING MAP



**Note:** TF Series thermistors are UL certified.

**Note:** 125°C temperature rating is identified by optional special specification

**Note:** Other thermistor base resistance values, thermistor curves or Beta values, or tolerances may be available. Please contact Selco Products.