MICRO-THERMOCOUPLES

FAST, ACCURATE, FLEXIBLE, FINE GAUGE THERMOCOUPLES

With an innovative ultra-thin junction insulation to minimize the tip diameter and superior accuracy, TE Connectivity (TE) micro-thermocouples (MTC) are leading the industry in performance in even the most complex environments. Our MTCs are suited for medical or specialty applications that require an extremely small temperature sensor to provide a rapid response to changes in temperature.

APPLICATIONS

Catheters  Medical Devices  Tissue Shrinkage  Ablation Catheters  Cryotherapy

SPECIFICATIONS

THERMOCOUPLE TYPES

<table>
<thead>
<tr>
<th>Type</th>
<th>Standard</th>
<th>Special</th>
<th>Custom</th>
</tr>
</thead>
<tbody>
<tr>
<td>K</td>
<td>±2.2°C or 0.75%</td>
<td>±1.1°C or 0.4%</td>
<td>NA</td>
</tr>
<tr>
<td>T</td>
<td>1.0°C or 0.75%</td>
<td>±0.5°C or 0.4%</td>
<td>±0.2°C</td>
</tr>
</tbody>
</table>

JUNCTION TYPES

- Soldered
- Welded

JUNCTION INSULATION

- Polymer Encapsulated
- Bare
- Polyesterimide
- Polymide

STANDARD WIRE GAUGES

- 44 AWG (0.0030” x 0.0060” (H x W) max)
- 40 AWG (0.0041” x 0.0081” (H x W) max)

MODEL OPTIONS

- Model 600  Soldered, Non-Insulated Junction
- Model 601  Welded, Non-Insulated Junction
- Model 605  Soldered, Insulated Junction

CLICK HERE TO LEARN MORE