# Thermoelectric Module Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Vmax (V)</th>
<th>Imax (A)</th>
<th>Qmax (W)</th>
<th>DTmax (°C)</th>
<th>Operation/storage temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>27 °C hot side temperature</td>
<td>1.4</td>
<td>1.7</td>
<td>1.4</td>
<td>69</td>
<td>-40 °C to +80 °C</td>
</tr>
<tr>
<td>50 °C hot side temperature</td>
<td>1.6</td>
<td>1.7</td>
<td>1.5</td>
<td>78</td>
<td></td>
</tr>
</tbody>
</table>

Module specifications are nominal values based on the hot-side temperature indicated. Thermoelectric material parameter tolerance is +/-10%.

In no case should the module temperature be allowed to exceed its maximum operation/storage temperature.

Please review all product and technical information, Thermoelectric Module Mounting Procedure, parameter definitions, FAQ's, and ordering information posted on our website before purchasing or using this product.

### Optional Features and Notes:
- **Width, A (mm)**: 4 ±0.5/-0.2
- **Width, B (mm)**: 9 ±0.5/-0.2
- **Height, H (mm)**: 2.75 ±0.15
- **Flatness, F (mm)**: 0.15
- **Parallelism, P (mm)**: 0.15
- **Wire Size, WS (mm²)**: 0.12
- **Wire Length, WL (mm)**: 50

Module includes 30 μm nickel metallization on hot and cold sides.

The metallization does not include pre-tinning.

Performance graphs include thermal resistance of substrates.

Add "P" to part number for sealing module with epoxy potting.

RoHS Compliant

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**TE-11-0.6-1.0**

Thermoelectric Module (Peltier Module) Specifications

### Thermoelectric Module

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Vmax (V)</td>
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</tbody>
</table>

**Note:** All specifications are subject to change without notice. © 2018 TE Technology, Inc.
Unpotted TE-11-0.6-1.0 at a hot-side temperature of 30 °C
Potted TE-11-0.6-1.0 at a hot-side temperature of 30 °C

Note: All specifications subject to change without notice.
Unpotted TE-11-0.6-1.0 at a hot-side temperature of 50 °C

Note: All specifications subject to change without notice.

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Potted TE-11-0.6-1.0 at a hot-side temperature of 50 °C
Unpotted TE-11-0.6-1.0 at a hot-side temperature of 70 °C
Potted TE-11-0.6-1.0 at a hot-side temperature of 70 °C