## TE-17-0.6-1.0
### Thermoelectric Module (Peltier Module)
#### Specifications

| Material Specifications (27 °C hot side temperature) | Material Specifications (50 °C hot side temperature) | Module material specifications are nominal values based on the hot-side temperature indicated. Thermoelectric material parameter tolerance is +/-10%.
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Vmax (V)</td>
<td>2.1</td>
<td>2.3</td>
</tr>
<tr>
<td>Imax (A)</td>
<td>1.7</td>
<td>1.7</td>
</tr>
<tr>
<td>Qmax (W)</td>
<td>2.2</td>
<td>2.4</td>
</tr>
<tr>
<td>Drelax (°C)</td>
<td>69</td>
<td>78</td>
</tr>
<tr>
<td>Operation/storage temperature</td>
<td>-40 °C to +80 °C</td>
<td>In no case should the module temperature be allowed to exceed its maximum operation/storage temperature.</td>
</tr>
<tr>
<td>Specifications</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operation/storage temperature</td>
<td>-40 °C to +80 °C</td>
<td>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.</td>
</tr>
</tbody>
</table>

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**Thermoelectric Module**

- **Vmax (V)**: 2.1
- **Imax (A)**: 1.7
- **Qmax (W)**: 2.2
- **Drelax (°C)**: 69

**Specifications**

- **Operation/storage temperature**: -40 °C to +80 °C

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**Optional Features and Notes:**

- **Width, A (mm)**: 6.3 +0.5/-0.2
- **Width, B (mm)**: 6.3 +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

- **Add “P” to part number for sealing module with epoxy potting.**
- **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.**

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**NOTE:** All specifications are subject to change without notice. © 2018 TE Technology, Inc. TE-17-0.6-1.0 17-APR-2019 Page 1 of 7
Unpotted TE-17-0.6-1.0 at a hot-side temperature of 30 °C
Potted TE-17-0.6-1.0 at a hot-side temperature of 30 °C

Note: All specifications subject to change without notice.

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Unpotted TE-17-0.6-1.0 at a hot-side temperature of 50 °C
Potted TE-17-0.6-1.0 at a hot-side temperature of 50 °C
Unpotted TE-17-0.6-1.0 at a hot-side temperature of 70 °C

Note: All specifications subject to change without notice.

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Potted TE-17-0.6-1.0 at a hot-side temperature of 70 °C