## HP-127-1.4-1.5-72

**Thermoelectric Module (Peltier Module) Specifications**

<table>
<thead>
<tr>
<th></th>
<th>Material Specifications (27 °C hot side temperature)</th>
<th>Material Specifications (50 °C hot side temperature)</th>
<th>Module material specifications are nominal values based on the hot-side temperature indicated. Thermoelectric material parameter tolerance is +/-10%.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vmax (V)</td>
<td>16.3</td>
<td>18.1</td>
<td>In no case should the module temperature be allowed to exceed its maximum operation/storage temperature.</td>
</tr>
<tr>
<td>Imax (A)</td>
<td>6.2</td>
<td>6.2</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>
<tr>
<td>Qmax (W)</td>
<td>62.0</td>
<td>68.0</td>
<td></td>
</tr>
<tr>
<td>DTmax (°C)</td>
<td>72</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>Operation/storage temperature</td>
<td>-40 °C to +80 °C</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Optional Features and Notes:

- Add "P" to part number for sealing module with epoxy potting.
- Performance graphs include thermal resistance of substrates.

### Dimensions:

- Width, A (mm): 40 +0.5/-0.2
- Width, B (mm): 40 +0.5/-0.2
- Height, H (mm): 3.9 ±0.05
- Flatness, F (mm): 0.02
- Parallelism, P (mm): 0.03
- Wire Size, WS (mm²): 0.35
- Wire Length, WL (mm): 120

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Unpotted HP-127-1.4-1.5-72 at a hot-side temperature of 30 °C
Potted HP-127-1.4-1.5-72 at a hot-side temperature of 30 °C
Unpotted HP-127-1.4-1.5-72 at a hot-side temperature of 50 °C
Potted HP-127-1.4-1.5-72 at a hot-side temperature of 50 °C
Unpotted HP-127-1.4-1.5-72 at a hot-side temperature of 70 °C

Note: All specifications subject to change without notice.
Potted HP-127-1.4-1.5-72 at a hot-side temperature of 70 °C