VT-199-1.4-0.8
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>
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</thead>
<tbody>
<tr>
<td>Vmax (V)</td>
<td>24.6</td>
<td>27.3</td>
</tr>
<tr>
<td>Imax (A)</td>
<td>11.3</td>
<td>11.3</td>
</tr>
<tr>
<td>Qmax (W)</td>
<td>172.0</td>
<td>188.7</td>
</tr>
<tr>
<td>DTmax (°C)</td>
<td>69</td>
<td>78</td>
</tr>
</tbody>
</table>

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:
- Add "P" to part number for sealing module with epoxy potting.
- Maximum operating/storage temperature with potting is 150 °C
- Performance graphs include thermal resistance of substrates.

Expert Engineering, Precision Manufacturing: Quality Thermal Solutions Delivered

NOTE: All specifications are subject to change without notice. © 2018 TE Technology, Inc.
Unpotted VT-199-1.4-0.8 at a hot-side temperature of 30 °C

Note: All specifications subject to change without notice.
Potted VT-199-1.4-0.8 at a hot-side temperature of 30 °C

Note: All specifications subject to change without notice.
Unpotted VT-199-1.4-0.8 at a hot-side temperature of 50 °C
Potted VT-199-1.4-0.8 at a hot-side temperature of 50 °C

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Unpotted VT-199-1.4-0.8 at a hot-side temperature of 70 °C
Potted VT-199-1.4-0.8 at a hot-side temperature of 70 °C