SERIES: CP36H-2 | DESCRIPTION: PELTIER MODULE

FEATURES
• arcTEC™ structure
• solid state device
• 2-stage cooler
• precise temperature control
• silent operation

MODEL

<table>
<thead>
<tr>
<th>MODEL</th>
<th>input voltage(^1)</th>
<th>input current(^2)</th>
<th>internal resistance(^3)</th>
<th>output Q(^4) (\Delta T_{\text{max}})</th>
<th>output Q(^4) (\Delta T_{\text{max}})</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP39255074H-2</td>
<td>12.8</td>
<td>3.9</td>
<td>3.07</td>
<td>18</td>
<td>19.8</td>
</tr>
</tbody>
</table>

Notes:
1. Maximum voltage at \(\Delta T_{\text{max}}\) and \(T_{\text{h}}=27^\circ\text{C}\)
2. Maximum current to achieve \(\Delta T_{\text{max}}\)
3. Measured by AC-4-terminal method at 25°C
4. Maximum heat absorbed at cold side occurs at \(I_{\text{max}}, V_{\text{max}}, \text{and } \Delta T=0^\circ\text{C}\)
5. Maximum temperature difference occurs at \(I_{\text{max}}, V_{\text{max}}, \text{and } Q=0\text{W}\) \(\Delta T_{\text{max}}\) measured in a vacuum at 1.3 Pa

Additional Resources: Product Page
CUI DEVICES | SERIES: CP36H-2 | DESCRIPTION: PELTIER MODULE
PERFORMANCE (Th=27°C)

![Graph showing performance at Th=27°C]

PERFORMANCE (Th=50°C)

![Graph showing performance at Th=50°C]
# REVISION HISTORY

<table>
<thead>
<tr>
<th>rev.</th>
<th>description</th>
<th>date</th>
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<tbody>
<tr>
<td>1.0</td>
<td>initial release</td>
<td>05/21/2018</td>
</tr>
<tr>
<td>1.01</td>
<td>brand update</td>
<td>10/29/2019</td>
</tr>
<tr>
<td>1.02</td>
<td>logo, datasheet style update</td>
<td>08/05/2022</td>
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The revision history provided is for informational purposes only and is believed to be accurate.