MODEL: HSE11-B20-NP | DESCRIPTION: HEAT SINK

FEATURES
- TO-220 or TO-218 package
- bolt on attachment
- aluminum alloy

HSE11-B20-NP

<table>
<thead>
<tr>
<th>Power (W)</th>
<th>Heatsink Temperature Rise Above Ambient (ΔT = Ths - Ta) (°C)</th>
<th>thermal resistance (^1)</th>
<th>power dissipation (^1)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Natural Conv.</td>
<td>200 LFM</td>
<td>400 LFM</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>42.0</td>
<td>21.4</td>
<td>14.8</td>
</tr>
<tr>
<td>2</td>
<td>77.8</td>
<td>42.2</td>
<td>29.1</td>
</tr>
<tr>
<td>3</td>
<td>109.9</td>
<td>62.8</td>
<td>43.5</td>
</tr>
<tr>
<td>4</td>
<td>138.0</td>
<td>83.4</td>
<td>58.6</td>
</tr>
</tbody>
</table>

Note: 1. See performance curves for full thermal resistance details.

PERFORMANCE CURVES

Ths: "hot spot" temperature measured on the heatsink
Ta: ambient temperature
MECHANICAL DRAWING

units: mm
tolerance: ±0.5 mm

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>AL 1050</th>
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<tbody>
<tr>
<td>FINISH</td>
<td>black anodized</td>
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<tr>
<td>THICKNESS</td>
<td>1.5 mm</td>
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<tr>
<td>WEIGHT</td>
<td>2.1 g</td>
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Additional Resources: Product Page
# REVISION HISTORY

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<th>rev.</th>
<th>description</th>
<th>date</th>
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<tbody>
<tr>
<td>1.0</td>
<td>initial release</td>
<td>04/22/2022</td>
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<tr>
<td>1.01</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.