**Bourns considers a product to be “halogen free” if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less. Specifications are subject to change without notice. Users should verify actual device performance in their specific applications.**

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### Soldering Profile

<table>
<thead>
<tr>
<th>Temperature (°C)</th>
<th>Time (Seconds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>240</td>
<td>220</td>
</tr>
<tr>
<td>200</td>
<td>180</td>
</tr>
<tr>
<td>160</td>
<td>140</td>
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<tr>
<td>120</td>
<td>100</td>
</tr>
<tr>
<td>80</td>
<td>60</td>
</tr>
<tr>
<td>40</td>
<td>20</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

- **Preheat** zone: 1.5-3 °C/Sec.
- **Soak** zone: 1.8 °C/Sec. typ.
- **Reflow** zone: 35-60 Sec. above 220 °C
- **Cool Down** zone: 1.5-3 °C/Sec.

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