**Features**

- Monolithic construction offering high reliability
- Magnetically shielded construction providing low radiation
- Low DC resistance
- Low profile
- AEC-Q200 compliant
- RoHS compliant*

**CVH201610A Series – Multilayer Power Chip Inductors**

**Electrical Specifications @ 25°C**

<table>
<thead>
<tr>
<th>Bourns Part No.</th>
<th>Inductance @ 1 MHz / 0.1 V</th>
<th>SRF (MHz)</th>
<th>DCR (Ohms)</th>
<th>IDC (mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVH201610A-R47M</td>
<td>0.47 ±20 %</td>
<td>80</td>
<td>0.060</td>
<td>1600</td>
</tr>
<tr>
<td>CVH201610A-1R0M</td>
<td>1.00 ±20 %</td>
<td>70</td>
<td>0.085</td>
<td>1400</td>
</tr>
<tr>
<td>CVH201610A-2R2M</td>
<td>2.20 ±20 %</td>
<td>50</td>
<td>0.110</td>
<td>1200</td>
</tr>
</tbody>
</table>

**Soldering Profile (Lead Free Solder)**

![Soldering Profile Graph]

**WARNING** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

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