Bourns Releases New AEC-Q200 Compliant Chip Inductors

Model CC322522A Series

Riverside, California – April 6, 2020 – Bourns Magnetics Product Line is introducing the Model CC322522A Chip Inductor Series. The inductor is wound on a ferrite core which provides low DC resistance and high rated current. Encapsulation construction allows these inductors to retain high resistance to heat, humidity, mechanical shock and pressure.

The Model CC322522A Series is compliant to the AEC-Q200 standard with an operating temperature range of -40 to +150 °C. These inductors are ideal for use in RF signal processing, resonant circuits, filters and low power management applications for cable modems, set-top boxes, cellular phones, tablets and various mobile electronic devices.

<table>
<thead>
<tr>
<th>Model</th>
<th>Size</th>
<th>Inductance</th>
<th>Self-Resonant Frequency</th>
<th>Rated Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC322522A</td>
<td>3.2 x 2.5 x 2.2 mm</td>
<td>1 – 100 µH</td>
<td>8 – 100 MHz</td>
<td>0.15 – 1.35 A</td>
</tr>
</tbody>
</table>

For additional details on Bourns® AEC-Q200 Compliant Wirewound Chip Inductors, visit the Bourns website at www.bourns.com/products/magnetic-products/wirewound-chip-inductors-aec-q200-compliant. Should you have any questions, contact Bourns Customer Service/Inside Sales.

Features
- High rated current
- High resistance to heat and humidity
- Resistance to mechanical shock and pressure
- Accurate dimensions for automatic placement
- AEC-Q200 compliant
- RoHS compliant*

Applications
- RF signal processing
- Resonant circuits & filters
- Low power management applications for:
  - Cable modems
  - Set-top boxes
  - Cellular phones
  - Tablets
  - Mobile electronic devices