CS160808 Series - Ferrite Multi-Layer Chip Inductors

Features
- 0603 size
- Magnetic shielding
- High Q characteristics
- Nickel barrier
- RoHS compliant

Applications
- Prevention of electromagnetic interference to signals on the secondary side of electronic equipment

<table>
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<tr>
<th>Bourns Part No.</th>
<th>Inductance (μH)</th>
<th>Tol. %</th>
<th>LQ MHz</th>
<th>Test Freq. (MHz)</th>
<th>SRF MHz</th>
<th>DCR (mΩ max.)</th>
<th>I rms (mA max.)</th>
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Packaging Specifications

Electrical Specifications

Features
- 0603 size
- Magnetic shielding
- High Q characteristics
- Nickel barrier
- RoHS compliant

Applications
- Prevention of electromagnetic interference to signals on the secondary side of electronic equipment

General Specifications
- Temperature Rise: 20 °C max. at rated current
- Operating Temperature: -55 °C to +125 °C
- Storage Temperature: -55 °C to +125 °C
- Reflow Soldering: 230 °C, 50 sec. max.
- Resistance to Soldering Heat: 260 °C, 10 seconds

Materials
- Base Material: Ferrite
- Terminal: Ag/Ni/Sn
- Packaging: 4,000 pcs. per reel

Product Dimensions

Product Dimensions

Recommended Layout
CS160808 Series - Ferrite Multi-Layer Chip Inductors

Electrical Specifications

DC Bias Characteristics

Inductance Characteristics

Q Characteristics

Impedance Characteristics

Temperature Characteristics

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