Ceramic Core Chip Inductors CC02

Features

- 0402 size suitable for pick and place automation
- Low Profile under .61mm
- Ceramic core provide high self resonant frequency.
- High Q values at high frequencies
- Ceramic core also provides excellent thermal and batch consistency

Electrical

Inductance Range: 1nH to 120nH
Tolerance: Available as noted. Insert letter for desired tolerance
Test Frequency: At specified frequency
Operating Temp: -40ºC ~ 125ºC
Rated Current: Current at which inductance will be changed by no more than 20% initial value without current.

Resistance to Soldering Heat

Test Method: Reflow Solder the device onto PCB
Peak Temp: 260ºC ± 5ºC for 10 sec.
Inductance Change: Within 5% of initial value
Q Change: Within 10% of initial value.

Test Equipment

(L/Q): HP4286
(SRF): HP4287
(RDC): GOM 801G
Irms: HP4284A + HP42841A / HP4285A + HP42841A

Physical

Packaging: 4000 pieces per 7 inch reel.
Marking: None

*Insert letter for desired tolerance. G=±2%, J=±5%, K=±10%

All specifications subject to change without notice.