Ceramic Core Chip Inductors CC03

Features

- 0603 size suitable for pick and place automation
- Low Profile under 1.20mm
- Ceramic core provide high self resonant frequency.
- High Q values at high frequencies
- Ceramic core also provides excellent thermal and batch consistency
- Lead Free and Halogen Free

Electrical

Inductance Range: 2.0nH to 390nH
Tolerance: Available as noted. Insert letter for desired tolerance.
Test Frequency: At specified frequency with
Operating Temp: -40ºC ~ 125ºC
Rated Current: Current at which inductance will change by no more than 20% of initial value without current.

Resistance to Soldering Heat

Test Method: Reflow Solder the device onto PCB
Peak Temp: 260ºC ± 5ºC for 10 sec
Inductance: Within ± 10% of initial value.
RDC: Within ± 15% of initial value.

Test Equipment

(L/Q): Agilent 4291, 4287, E4991, 4192, 4285
(SRF): Agilent 4291, E4991
(RDC): Agilent 4338
Current: Agilent 4192, 4338, E4991

Physical

Packaging: 3000 pieces per 7 inch reel.
Marking: NONE

RoHS

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