Features

- 1008 EIA Size
- High Current Capacity
- Low DCR
- Multilayer Ferrite Construction
- Excellent Solderability Characteristics

Electrical

Inductance Range: 0.47µH ~ 4.7µH
Tolerance: 20% across entire range
Also available in 30%
Test Frequency: 3MHz, 200mV
Operating Temp: -55ºC to +125ºC
Isat Current: Based on a 30% Inductance drop from its original value without current.
Irms Current: Based on a 40ºC temperature rise from 25ºC ambient without current.

Resistance to Soldering Heat

Pre-heating: 150ºC, 1min
Solder Composition: Sn/Ag3.0/Cu0.5
Solder Temperature: 260 ± 5ºC
Immersion Time: 10 ± 1sec
No Damage with more than 75% coverage Inductance within 20 of initial value.

Test Equipment

(L): Agilent HP4287A + 16197A, 3MHz, 200mV
DCR: HP 4338B, or equivalent

Physical

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