### Features
- Magnetically shielded construction
- High saturation current up to 9.5Amps
- Expanding operating temp range
- Low DCR resistance
- Suitable for pick and place

### Electrical

**Inductance Range:** 1µH to 22µH

Additional values available

**Tolerance:** 20% over entire range, Available in tighter tolerances

**Test Frequency:** As shown.

**Operating Temp:** -55ºC ~ +125ºC

**Storage Temp:** -55ºC ~ +125ºC

**Temp rise:** ΔT=40ºC Typical at heat rated current.

Under no condition should the temperature of the part exceed 125ºC

**Inductance drop:** 30% typical at rated Isat

### Resistance to Soldering Heat

Pre-Heat 150ºC, 1 minute.

**Solder Composition:** Sn/Ag3.0/Cu0.5

**Solder Temp:** 260ºC ± 5ºC

**Immersion Time:** 10 sec. ± 1 sec.

### Test Equipment

(L): HP 4284A LCR meter or equivalent

(DCR): CH16502, Agilent 33420A Micro-Ohm meter

(IDC): 3260B WK & DC Bias 3265B WK

### Physical

**Packaging:** 1000 pieces per 13 inch reel.

**Marking:** EIA Inductance Code