Power Chip Shielded Inductors

**Features**

- Shielded SMD Power Inductor
- Available in magnetically shielded
- Low DC resistance
- Ideal for DC-DC converter applications

**Electrical**

- **Inductance Range**: 0.8µH to 150µH
- **Tolerance**: 20% Available in tighter tolerances
- **Operating Temp**: -55°C ~ +125°C
- **Isat**: Current at which inductance drops 35% typ.
- **Irms**: Current at which the temp rise +40°C

**Resistance to Soldering Heat**

- Pre-Heat 150°C, 1 minute.
- **Solder Composition**: Sn/Ag3.0/Cu0.5
- **Solder Temp**: 260°C ± 5°C for 10sec ± 1sec

**Test Equipment**

- (L): HP 4284A LCR Meter or Equivalent
- (RDC): CHP 4338B Miliohm Meter or Equivalent
- (IDC): 3260B (WK) & DC Bias 3265B (WK)

**Physical**

- **Packaging**: 1000 pieces per 13 inch reel.
- **Marking**: EIA Inductance Code