**SMD Shielded Power Chip Inductor**

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### Features
- Magnetically Shielded Construction
- High Current
- Low DC Resistance
- Ultra Low Profile, 2.0mm

### Electrical

**Inductance Range:** 1.0µh ~ 3.3µh (other values being added)

**Tolerance:** Available in 20%

**Operating Temp:** -40°C ~ +125°C

**Isat:** Current at which the Inductance will drop by no more than 30% of its initial value.

**Irms:** Based on a temp rise of ΔT = 40°C typical above Ambient Temp.

### Resistance to Soldering Heat

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

### Test Equipment

- (L): HP4287A + HP16197A
- (RDC): Chroma MilliOhm Meter 16502
- Current: HP4284A + HP42841A

### Physical

- **Packaging:** 800 per Tape and reel
- **Marking:** EIA Inductance code