Power Chip Shielded Inductors PCSLF0628

**Features**
- Shielded SMD Power Inductor
- Suitable for high current applications
- Low profile
- Low Power loss and High current

**Electrical**
- Inductance Range: 4.7µH to 100µH
- Tolerance: 20% over entire range
- Operating Temp: -55ºC ± 125ºC
- Isat: Current at which inductance drops by 35% of intial value
- Irms: Current at which the temperature has risen to 40ºC from initial Temp.

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

**Test Equipment**
- (L): LCR-meter 4284A(HP)
- (DCR): HP4338B
- (Isat): LCR-meter 3260B(WK) & DC Bias 32658(WK)

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