### Shielded Power Choke Flat Wire

**Part Number:** PCSFW189

**Features**
- Magnetically shielded construction
- High saturation current up to 30A
- Expanding operating temp range
- Low DCR resistance
- Suitable for pick and place

**Electrical**

**Inductance Range:** 1.9µH to 22µH

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

**Test Frequency:** 100KHz, 0.1v

**Operating Temp:** -40ºC ~ +125ºC

**Storage Temp:** -40ºC ~ +125ºC

Part temperature should not exceed 125ºC including temperature rise.

**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): Chenwa 502, Ohm meter
- (Isat): HP4284A with HP42841A Current source

**Physical**

**Packaging:** 200 pieces per reel.

**Marking:** EIA Inductance Code

### Dimensions: (mm)

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<tr>
<th>Allied Part Number</th>
<th>A (Max)</th>
<th>B (Max)</th>
<th>C (Max)</th>
<th>E (±0.5)</th>
<th>F (Ref)</th>
<th>H (Ref)</th>
<th>I (Ref)</th>
<th>J (Ref)</th>
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All specifications subject to change without notice.