SMD High Current Shielded Choke  PCHC615R8A

Features

- Magnetically shielded construction
- Ultra High saturation current up to 9A
- Low RD Resistance
- Expanded operating temp range
- Suitable for pick and place

### Electrical

**Inductance Range:** 1.0µH to 10µH, aditonal values available.
**Tolerance:** 20% over entire range
**Test Frequency:** 100KHz, 0.5Vdc
**Operating Temp:** -55°C to +125°C
**Storage Temp:** -55°C to +125°C
**Temp. Rise:** Δ=40°C Typical at heat rated current.
Under no condition should the temp. of the part exceed 125°C.
Inductance drop: 30% typical at rated Isat

### Resistance to Soldering Heat

Pre-Heat 150°C, 1 minute.
**Solder Composition:** SnAg3.0/Cu0.5
**Solder Temp:** 260°C ± 5°C
**Immersion Time:** 10 sec. ± 1 sec.

### Test Equipment

(L): WK 3260B
DCR: Chen HWA502
IDC: 3260B WK & DC Bias 3265B WK

### Physical

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

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All specifications subject to change without notice.

### Allied Part Number

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Inductance (µH)</th>
<th>Tolerance (%)</th>
<th>Test Frequency (kHz, 0.5V)</th>
<th>RDC (mΩ) Max</th>
<th>Isat (A) Typ</th>
<th>Irms (A) Typ</th>
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