**FHC20 Ferrite Core Chip Inductors High Current**

### Dimensions

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall MAX</td>
<td>0.114 (2.90)</td>
</tr>
<tr>
<td>MAX</td>
<td>0.020 (0.51)</td>
</tr>
<tr>
<td>Terminal wrap around: 0.15 mm min. Both Ends</td>
<td>0.028 (0.70)</td>
</tr>
</tbody>
</table>

### Features

- Designed for higher current applications
- Accurate and consistent dimensions for auto insertion
- Highly resistant to mechanical forces
- Excellent reliability in temperature and climate change
- Excellent Solderability Characteristics

### Electrical

- **Inductance Range:** .47µh to 680µh
- **Tolerance:** 10% Across entire range, also available in 5%
- **Test Frequency:** (L/Q) as specified
- **Operating Temp:** -40ºC ~ 105ºC
- **IDC:** Inductance drop 10% typical from original value with no current.

### Resistance to Soldering Heat

- **Test Method:** Reflow Solder the device onto PCB
- **Peak Temp:** 260ºC ± 5ºC for 10 sec.
- **Solder Composition:** Sn/Ag3.0/Cu0.5
- **Total Test Time:** 6 minutes

### Test Equipment

- **(L/Q):** HP4191A over 1MHz / HP4285A under 1 MHz
- **(DCR):** Chen Hwa 502BC
- **(SRF):** HP4291A / HP8753D RF Impedance Analyzer
- **(IDC):** HP4284A with HP42841A

### Physical

- **Packaging:** 2000 pieces per 7 inch reel
- **Marking:** Three Dot Color Code System

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All specifications subject to change without notice.