Power Choke High Current  PCHC104R7

<table>
<thead>
<tr>
<th>Allied Part Number</th>
<th>Inductance (µH)</th>
<th>Tolerance (%)</th>
<th>DCR (mΩ) Max.</th>
<th>Irms (A) Typ.</th>
<th>Isat (A) Typ.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCHC104R7-R22M-RC</td>
<td>0.22</td>
<td>20</td>
<td>0.6</td>
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</tbody>
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Dimensions: Inches (mm)

Features
- Magnetically shielded construction
- High saturation current up to 45A
- Low DC Resistance
- Expanded operating temp range
- Suitable for pick and place

Electrical
- Inductance Range: .22µH to 22µH, additional values available.
- Tolerance: 20% over entire range Available in tighter tolerances.
- Test Frequency: 100KHz, 0.5V
- Operating Temp: -55ºC ~ +125ºC
- Storage Temp: -65ºC ~ +125ºC
- Irms: Current at which the temp will rise approx 40ºC.
- Isat: Current at which the Inductance will drop approximately 30%. 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: CH502, Agilent 33420A Micro-Ohm meter
- IDC: 3260B WK & DC Bias 3265B WK

Physical
- Packaging: 500 pieces per 13 inch reel.
- Marking: EIA Inductance Code

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