Power Choke High Current PCHC1004H

Features
- Magnetically shielded construction
- Expanded operating temp range
- High Current, Low DCR
- Very Low Acoustic Noise & Leakage flux
- Suitable for pick and place
- Series is RoHS Compliant

Electrical
Inductance Range: 0.15µH to 68µH
Tolerance: ±20% Across entire series
Test Frequency: 100KHz, 1V
Operating Temp: -40ºC to +125ºC
Irms: Current at which ΔT=40ºC temp rise without core loss.
Isat: Current at which Inductance drop is approximately 20%. The part temperature (ambient + temp rise) should not exceed 125°C under worst case operating conditions.

Test Equipment
(L): HP4284A LCR meter or equivalent
DCR: CH16502, Agilent 33420A Micro-Ohmmeter

Physical
Packaging: 500 pieces per 13 inch reel.
Marking: EIA Inductance Code/ Date Code
Typical Performance Curves

Power Choke High Current

PCHC1004H-R15M

PCHC1004H-R22M

PCHC1004H-R27M

PCHC1004H-R30M

PCHC1004H-R33M

PCHC1004H-R36M

PCHC1004H-R39M

PCHC1004H-R45M

PCHC1004H-R47M

PCHC1004H-R56M

PCHC1004H-R68M

PCHC1004H-1R0M

PCHC1004H-1R2M

PCHC1004H-1R5M

PCHC1004H-2R2M
Typical Performance Curves
Packaging Information

Reel Dimension

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.0±.5</td>
<td>3.93±.079</td>
<td>13.5±.5</td>
<td>330</td>
</tr>
</tbody>
</table>

Tape Dimension