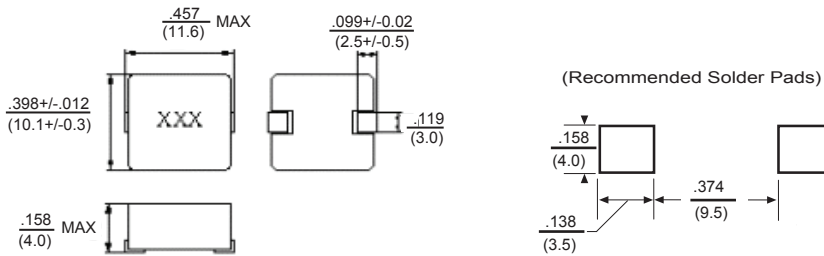




SMD High Current Shielded Choke PCHC104R8

Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Allied Part Number	Inductance (μH)	Tolerance ($\pm\%$)	Test Frequency (KHz, 0.5V)	RDC (m Ω) Max	Isat (A) Typ	Irms (A) Typ
PCHC104R8-4R7M-RC	4.7	20	100	16.5	13	10

All specifications subject to change without notice.

Features

- Magnetically shielded construction
- Ultra High saturation current up to 13A
- Low RD Resistance
- Expanded operating temp range
- Suitable for pick and place

Electrical

Inductance Range: 4.7 μH additional values available.
Tolerance: 20% over entire range
Test Frequency: 100KHz, 0.5Vdc
Operating Temp: -55°C ~ +125°C
Storage Temp: -55°C ~ +125°C
Temp. Rise: $\Delta=40^\circ\text{C}$ Typical at heat rated current.
 Under no condition should the part exceed 125°C.
 Inductance drop: 30% typical at rated Isat

Resistance to Soldering Heat

Pre-Heat 150°C, 1 minute.
Solder Composition: Sn/Ag3.0/Cu0.5
Solder Temp: 260°C \pm 5°C
Immersion Time: 10 sec. \pm 1 sec.

Test Equipment

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

Physical

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

