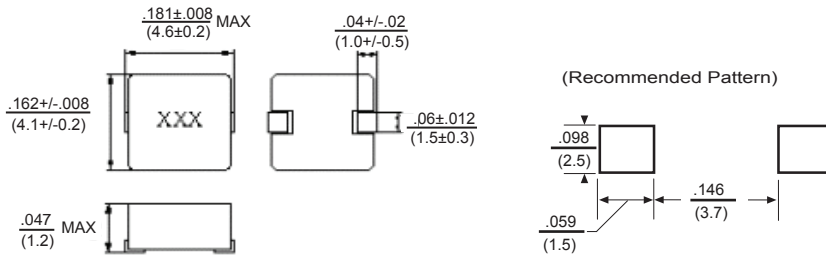




SMD High Current Shielded Choke PCHC412R8L

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



*Photo for reference only.

Allied Part Number	Inductance (μH)	Tolerance (±%)	Test Frequency (KHz, 0.5V)	RDC(mΩ) Max(Typ)	Isat (A) Max(Typ)	Irms (A) Max(Typ)
PCHC412R8L-1R0M-RC	1.0	20	100	35(32)	6.0(6.5)	4.5(5.0)

All specifications subject to change without notice.

Features

- Magnetically shielded construction
- Ultra High saturation current up to 6.0A
- Low DC Resistance
- Expanded operating temp range
- Suitable for pick and place

Electrical

- Inductance Range:** 1.0uH additional values available.
- Tolerance:** 20% over entire range
- Test Frequency:** 100KHz, 0.5Vdc
- Operating Temp:** -55°C ~ +125°C
- Irms:** The current at which the Temp will rise by 40°C from Ambient without current.
- Isat:** The current at which the inductance will drop by no more than 30% from initial value without current. Under no condition should the temperature of the part exceed 125°C.

Resistance to Soldering Heat

- Pre-Heat 150°C, 1 minute.
- Solder Composition:** Sn/Ag3.0/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:** 2000 pieces per 13 inch reel.
- Marking:** EIA Inductance Code

Graph:

