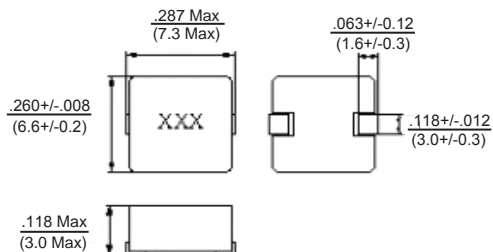




SMD High Current Shielded Choke PCHC63Y35

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



Allied Part Number	Inductance (μh)	Tolerance (%)	DCR ($\text{m}\Omega$) Max.	I _{rms} (Amp)	I _{sat} (Amp)
PCHC63Y35-R47M-RC	0.47	20	4.2	17.5	26
PCHC63Y35-R68M-RC	0.68	20	5.5	15.5	25
PCHC63Y35-R82M-RC	0.82	20	8.0	13	24
PCHC63Y35-1R0M-RC	1.00	20	10	11	22
PCHC63Y35-1R5M-RC	1.50	20	15	9	18
PCHC63Y35-2R2M-RC	2.20	20	20	8	14
PCHC63Y35-3R3M-RC	3.30	20	30	6	13.5
PCHC63Y35-4R7M-RC	4.70	20	40	5.5	10
PCHC63Y35-6R8M-RC	6.80	20	60	4.5	8
PCHC63Y35-8R2M-RC	8.20	20	68	4	7.5
PCHC63Y35-100M-RC	10.0	20	85	3	7

All specifications subject to change without notice.

Features

- Magnetically shielded construction
- Saturation current up to 26Amps @.47 μh
- Low DC Resistance
- Suitable for pick and place
- Similar to Vishay IHLP-2525CZ series

Electrical

Inductance Range: .47 μH to 10 μH

Tolerance: 20% over entire range

Test Frequency: 100KHz, 0.25V @ 25°C

Operating Temp: -40°C ~ +125°C

I_{rms}: Current at which the temp will rise no more than 40°C @ 25°C Ambient without core loss.

I_{sat}: Current at which the initial Inductance will drop approximately 30% @ 25°C.

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.

Physical

Packaging: 1500 pieces per reel.

Marking: EIA Inductance Code