SMD High Current Shielded Choke  PCHC618R8A

Features

• Magnetically shielded construction
• Ultra High saturation current up to 29A
• Low RD Resistance
• Expanded operating temp range
• Suitable for pick and place

Electrical

Inductance Range: .22µH to 10µH, additional values available.
Tolerance: 20% over entire range, available in tighter tolerances.
Test Frequency: 100KHz, 0.5Vdc
Operating Temp: -55°C to +125°C
Storage Temp: -55°C to +125°C
Temp. Rise: ∆=40°C Typical at heat rated current.
Under no condition should the temp. of 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 ± 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: 1000 pieces per 13 inch reel.
Marking: EIA Inductance Code

Dimensions:

All specifications subject to change without notice.