MLPCH12 High Current Multilayer Inductor

Features
- High Saturation current up to 4.0A
- Expanded operating temp range
- Low DC Resistance
- Multilayer Ferrite Construction
- Suitable for pick and place

Electrical
- Inductance Range: .24µH to 2.2µH
- Tolerance: 20%
- Test Frequency: (L) 3MHz, 200mV
- Operating Temp: -55ºC to +125ºC (Including self-temperature rise)
- Isat: Based on Inductance drop 30% from initial value without current
- Irms: Based on 40ºC temp rise above ambient 25ºC. Under no condition should the temperature of part exceed 125ºC.

Resistance to Soldering Heat
- Pre-heat: 150ºC, 1min
- Solder Composition: Sn/Ag3.0/Cu5.0
- Solder Temperature: 260ºC ± 5ºC
- Immersion Time: 10Sec ± 1Sec

Test Equipment
- (L): HP4287A RF Impedance Analyzer
- DCR: HP4338B

Physical
- Packaging: 3000 pieces per 7 inch reel
- Marking: None

All specifications subject to change without notice.