High Current Chip Inductors

LRC27HC

Features

- High Current
- Low DC Resistance
- Wide Inductance Range
- Expanded Temp Range

Electrical

Inductance Range: 0.47µH ~ 47µH
Tolerance: 30% over entire range, 20% available from 2.2µH to 47µH
Operating Temp. Range: -40°C ~ +125°C

Isat Current: Based on Temperature drop of 30% typical.

Irms Current: Max temp rise shall be 40°C typical.

L/Q: Test OSC @ 1V

Resistance to Soldering Heat

Pre-heat 150°C, 1 minute.

Solder Composition: SnAg3.0/Cu0.5

Solder Temp: 260±5°C for 10 sec

Test Equipment

(L): HP 4284A
(RDC): CHEN HWA 502BC
(Rate Current): HP4284A+HP42841A
(SRF): HP4284A+HP42841A

Physical

(L): 2000 pieces per 7 inch reel
(Marking): EIA Inductance Code

All specifications subject to change without notice.