SMD Power Inductor
PCSE15Q8

Dimensions: Inches (mm)

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

Features
- 1008 EIA Size
- High Current Capacity
- Molded Construction
- Expanded Solderability Characteristics

Electrical
Inductance range: 0.24 to 2.2uH
Tolerance: 20%
Test Frequency: 2MHz, 0.2v
Operating Temp: -40ºC to +125ºC

Isat: The current at which the inductance will drop by no more than 30% of its initial value without current.
Irms: The current at which the Temp will rise by 40ºC from its Ambient Temp without current.

Resistance to solder heat:
Pre heat: 150ºC, 1 minute
Solder composition: Sn/Ag3/Cu0.5
Solder temp: 260ºC±5ºC
Immersion time: 10 sec ± 1 sec.
No Damage with more than 75% coverage inductance within 20% of initial value.

Test Equipment:
(L): Agilent E4991A/HP4287A+16197A
DCR: Chen Hwa 502BC
Isat: Agilent E4960A+HP42841A
Irms: Agilent 6641

All specifications subject to change without notice.