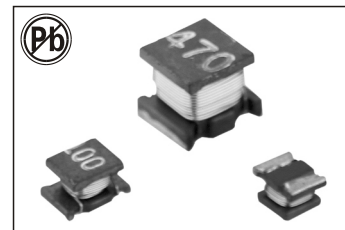


HIGH CURRENT SURFACE-MOUNT WIRE-WOUND INDUCTORS

LQH1206 SERIES



FEATURES:

- Ferrite Core
- High Frequency Design
- Lower DCR permits High Idc
- Available in E12 series
- Excellent Q SRF Values
- Lead free versions
- RoHS compliant
- Excellent Thermal Stability

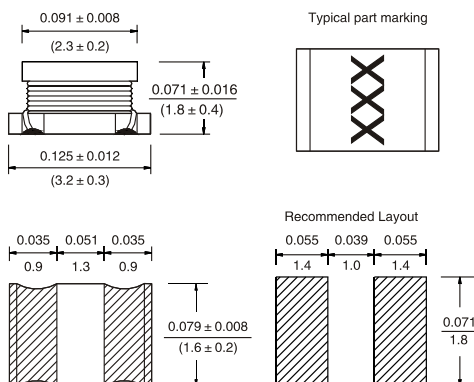
OPTIONS:

- Tape & Reel is Standard (Qty:2000pcs.)
- Bulk packaging Available for Smaller Quantities
- Tolerance:K=10%,M=20% is Standard, Tighter Tolerances Available

COMMON APPLICATIONS:

- Modems PDP, LCD TVs convertor
- Mobile Radios DC/DC convertor
- Cordless Telephones Car radios
- Global Positioning Systems
- Wireless Communications Equipment
- Networking System,xDSL Filter
- Computer Products and Peripherals

PHYSICAL CHARACTERISTICS



DIMENSIONS: $\frac{\text{INCHES}}{\text{mm}}$

ELECTRONICAL SCHEMATIC



TECHNICAL INFORMATION

- Inductance Testing: HP4291A, HP16193A, HP4286A or equivalent
- RDC: QuadTech 1880 Milliohm meter
- Q- HP4342A
- SRF- HP4191A
- Rated Current L value drop 10% typ. at IDC against its initial value
- Temperature rise 40°C Max Reference ambient temperature
- Solderability: 75% of the terminal electrode shall be covered
- Soldering Methods: Wave, Reflow
- Operating Temperature: -25°C to +85°C
- Storage Temperature: -55°C to +125°C

Note: All specifications subject to change without notice.

Note: 1. K= ± 10%, M= ± 20%

LQH1206-100M

Model _____

Value/Tolerance: from table _____

Termination _____

L=Ag/Ni/Sn
Blank=Ag/Ni/Sn/Pb