



LQH1206C SERIES

High Current SMD Ceramic Wire Wound Inductors

FEATURES

- Ceramic Core
- High Frequency Design
- Lower DCR permits High Idc
- Available in E12 series
- Excellent Q SRF Values
- Lead free versions
- 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

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

Part Number (LQH 1008 Series)	L (μH)	L Test Freq. (KHz)	Q (Min)	Q Test Freq. (MHz)	SRF (MHz)	DCR Ohm Max.	IDC mA max.
LQH-1206C-R12M	0.12	1	10	1	250	0.112	970
LQH-1206C-R22M	0.22	1	10	1	250	0.14	850
LQH-1206C-R47M	0.47	1	10	1	180	0.21	700
LQH-1206C-1R0M	1	1	20	1	100	0.392	510
LQH-1206C-2R2M	2.2	1	20	1	50	0.574	430
LQH-1206C-4R7M	4.7	1	20	1	31	0.91	340
LQH-1206C-100K	10	1	20	1	20	1.82	230
LQH-1206C-220K	22	1	20	1	14	4.2	160
LQH-1206C-470K	47	1	20	1	10	11.2	100
LQH-1206C-101K	100	1	30	0.796	7	16.8	80

- Inductance Testing: HP4291A,HP16193A,HP4286A or equivalent
- RDC:QuadTech 1880 Milliohmeter
- Q- HP4342A
- SRF-HP4191A
- Rated Current L value drop 10% typ. @ 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.

