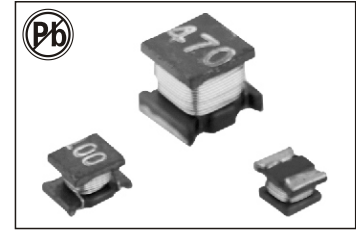


HIGH CURRENT SURFACE-MOUNT WIRE-WOUND INDUCTORS

FWLQH1008 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

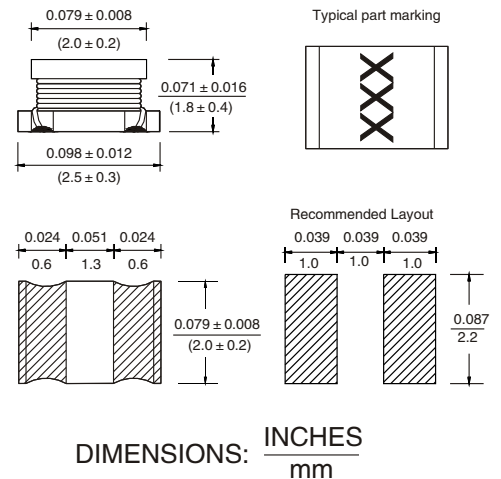
COMMON APPLICATIONS:

- 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

STANDARD SPECIFICATION

Part Number (FWLQH 1008 Series)	L(uH)	L Test Freq (KHz)	Q (Min)	Q Test Freq (MHz)	SRF (MHz)	DCR (ΩMax)	IDC (mA Max)
FWLQH-1008-1R0M	1.0	1	35	1	100	0.078	300
FWLQH-1008-1R2M	1.2	1	35	1	100	0.09	290
FWLQH-1008-1R5M	1.5	1	35	1	75	0.1	280
FWLQH-1008-1R8M	1.8	1	35	1	60	0.11	270
FWLQH-1008-2R2M	2.2	1	35	1	50	0.12	250
FWLQH-1008-2R7M	2.7	1	35	1	43	0.2	240
FWLQH-1008-3R3M	3.3	1	35	1	38	0.24	230
FWLQH-1008-3R9M	3.9	1	35	1	35	0.28	220
FWLQH-1008-4R7K	4.7	1	35	1	31	0.3	210
FWLQH-1008-5R6K	5.6	1	35	1	28	0.34	205
FWLQH-1008-6R8K	6.8	1	35	1	25	0.44	200
FWLQH-1008-8R2K	8.2	1	35	1	23	0.59	195
FWLQH-1008-100K	10.0	1	35	1	20	0.68	190
FWLQH-1008-120K	12.0	1	35	1	18	0.77	185
FWLQH-1008-150K	15.0	1	35	1	16	0.87	180
FWLQH-1008-180K	18.0	1	35	1	15	1.2	175
FWLQH-1008-220K	22.0	1	40	1	14	1.34	170
FWLQH-1008-270K	27.0	1	40	1	13	1.86	165
FWLQH-1008-330K	33.0	1	40	1	12	2.1	160
FWLQH-1008-390K	39.0	1	40	1	11	2.35	155
FWLQH-1008-470K	47.0	1	40	1	11	3.3	150
FWLQH-1008-560K	56.0	1	40	1	10	3.7	145
FWLQH-1008-680K	68.0	1	40	1	9	6	135
FWLQH-1008-820K	82.0	1	40	1	8	6.9	125
FWLQH-1008-101K	100.0	1	40	1	8	7.75	110

PHYSICAL CHARACTERISTICS



ELECTRONICAL SCHEMATIC



TECHNICAL INFORMATION

- Inductance Testing: HP4291A,HP16193A,HP4286A or equivalent
 - RDC:QuadTech 1880 Milliohm meter
 - Q- HP4342A
 - SRF-HP4191A
 - Rated Current L value drop10%typ.at I_{DC}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%

FWLQH1008-100M

Model _____

Value/Tolerance:from table _____

Termination _____

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