

LOW PROFILE SURFACE-MOUNT POWER INDUCTORS

SPI-0401C Series



FEATURES:

- Ceramic housing
- High Frequency Design
- Excellent Q Values
- Excellent SRF
- Excellent Thermal Stability
- Low profile
- Small Foot Print

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
- Mobile Radios
- Cordless Telephones
- Global Positioning Systems
- Wireless Communications Equipment
- Networking System,xDSL Filter
- Computer Products and Peripherals

ELECTRICAL CHARACTERISTICS:

Part Number	Inductance ($\mu\text{H} \pm 20\%$)	Test Frequency	DCR Max (Ω)	Last (A)
SPI0401C-1R0M	1.0	100KHz	0.08	0.55
SPI0401C-1R5M	1.5	100KHz	0.10	0.54
SPI0401C-2R2M	2.2	100KHz	0.12	0.53
SPI0401C-3R3M	3.3	100KHz	0.16	0.45
SPI0401C-4R7M	4.7	100KHz	0.20	0.43
SPI0401C-6R8M	6.8	100KHz	0.32	0.38
SPI0401C-100M	10	100KHz	0.41	0.3
SPI0401C-150M	15	100KHz	0.55	0.27
SPI0401C-220M	22	100KHz	0.85	0.22
SPI0401C-330M	33	100KHz	1.30	0.18
SPI0401C-470M	47	100KHz	1.80	0.14
SPI0401C-680M	68	100KHz	2.50	0.12
SPI0401C-101M	100	100KHz	3.50	0.095
SPI0401C-151M	150	100KHz	5.00	0.075
SPI0401C-221M	220	100KHz	7.00	0.06
SPI0401C-331M	330	100KHz	15.0	0.045

Note:1. K= $\pm 10\%$,M= $\pm 20\%$,N= $\pm 30\%$

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

Inductance(L)measured@noted frequencies with 0DC bias HP 4284A

Operating Temperature:-55°Cto85°C

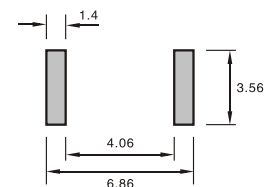
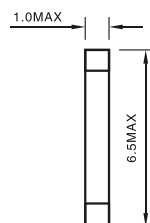
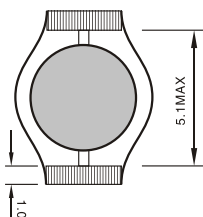
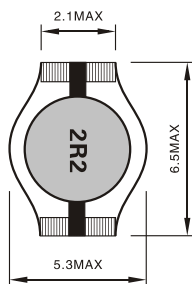
Inductance Drops By 10%at Max rated in μH

Marking per EIA Standard colour code in μH

Dimensions in mm

Specifications subject to change without notice

DIMENSIONS IN: mm



LAND PATTERNS