



SPI-0402C SERIES

High Current SMD Power Inductors SPI0603C, SPI0704C, SPI1005C, SPI1205C

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
- Lower Tolerances Available

APPLICATIONS

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

PartNumber	Inductance ($\mu\text{H}\pm 20\%$)	DCR max. Ohm	Last (A)
SPI0402C-1R0M	1.0	0.040	2.5
SPI0402C-1R5M	1.5	0.06	2.2
SPI0402C-2R2M	2.2	0.070	1.8
SPI0402C-3R3M	3.3	0.10	1.4
SPI0402C-4R7M	4.7	0.120	1.2
SPI0402C-6R8M	6.8	0.19	1.1
SPI0402C-100M	10	0.26	1.0
SPI0402C-150M	15	0.40	0.8
SPI0402C-220M	22	0.54	0.6
SPI0402C-330M	33	0.74	0.5
SPI0402C-470M	47	1.1	0.45
SPI0402C-680M	68	1.6	0.35
SPI0402C-101M	100	2.3	0.30
SPI0402C-151M	150	3.2	0.25
SPI0402C-221M	220	5.7	0.20
SPI0402C-331M	330	8.2	0.16
SPI0402C-471M	470	10.8	0.14
SPI0402C-681M	680	17.2	0.12
SPI0402C-102M	1000	22.6	0.08

- Inductance(L)measured@noted frequencies with ODC bias
- Operating Temperature: -55°C +85°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

