

LOW PROFILE SURFACE-MOUNT POWER INDUCTORS

SPI-0602C 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 (uH $\pm 20\%$)	Test Frequency	DCR Max (Ω)	Last (A)
SPI0602C-4R7M	4.7	100KHz	0.145	1.60
SPI0602C-6R8M	6.8	100KHz	0.165	1.30
SPI0602C-100M	10	100KHz	0.240	1.00
SPI0602C-150M	15	100KHz	0.300	0.90
SPI0602C-220M	22	100KHz	0.420	0.70
SPI0602C-330M	33	100KHz	0.550	0.60
SPI0602C-470M	47	100KHz	0.765	0.50
SPI0602C-680M	68	100KHz	1.10	0.40
SPI0602C-101M	100	100KHz	1.60	0.30
SPI0602C-151M	150	100KHz	2.50	0.25
SPI0602C-221M	220	100KHz	3.65	0.22
SPI0602C-331M	330	100KHz	4.65	0.18
SPI0602C-471M	470	100KHz	6.75	0.14
SPI0602C-681M	680	100KHz	9.15	0.12
SPI0602C-102M	1000	100KHz	14.20	0.10

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

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

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

Operating Temperature:-55°Cto85°C

Inductance Drops By 10%at Max rated in uH

Marking per EIA Standard colour code in uH

Dimensions in mm

Specifications subject to change without notice

DIMENSIONS IN: mm

