

SURFACE-MOUNT POWER INDUCTORS

SPI0804T SERIES



FEATURES:

- Very Small Foot Print
- Flat-top for Pick & Place
- Increased Size Selection Guide

APPLICATIONS:

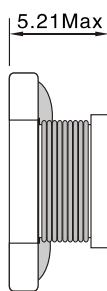
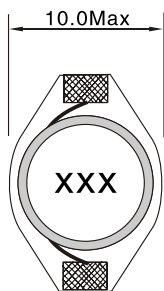
- Ideal for Palm-Top and Laptop DC to DC converters
- PDA's flash memory
- Step-up, step-down Converters

STANDARD SPECIFICATION:

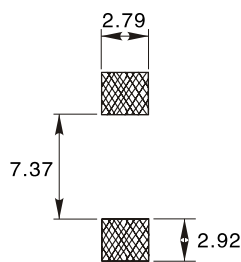
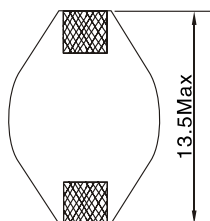
Part Number SPI0804T-	Inductance(μ H) $\pm 20\%$	DCR (Ω) Max	Rated current (A) Max
1R0M	1.0	0.009	9.0
1R5M	1.5	0.010	8.0
2R2M	2.2	0.012	7.0
3R3M	3.3	0.015	6.4
4R7M	4.7	0.018	5.4
5R6M	5.6	0.025	5.0
6R8M	6.8	0.027	4.6
100M	10	0.038	3.8
150M	15	0.046	3.0
220M	22	0.085	2.6
330M	33	0.10	2.0
470M	47	0.14	1.6
680M	68	0.20	1.4
101M	100	0.28	1.2
151M	150	0.40	1.0
221M	220	0.61	0.8
331M	330	1.02	0.6
471M	470	1.27	0.5
681M	680	2.02	0.4
102M	1000	3.00	0.3

PHYSICAL CHARACTERISTICS

TECHNICAL INFORMATION:



Winding



- measuring Frequency(L): 1KHz, 0.1Vrms, HP4284A
- Operating Temperature: -40°C to $+85^{\circ}\text{C}$
- Storage Temperature: -40°C to $+105^{\circ}\text{C}$
- Solder methods: Vapor Phase, Infrared Reflow
- Resistance to soldering heat: 260°C for 10 seconds
- Solvent resistance: Conforms to MIL-STD-202E
- Marking: Inductance & Tolerance
- Tape & Reel is Standard Bulk Packaging Available for Smaller Quantities

Note: All specifications subject to change without notice.