

SURFACE-MOUNT HIGH CURRENT INDUCTORS

SPI1608HC SERIES

FEATURES:

- Current up to 19.2A
- Flat-top for Pick & Place
- Very low DC Resistance
- Low profile

APPLICATIONS:

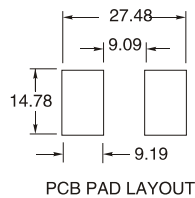
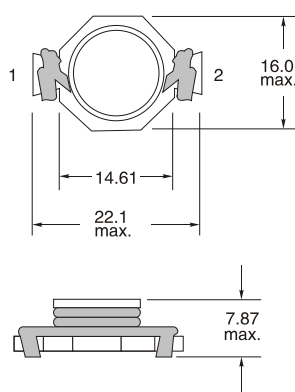
- Ideal for High Current, Low Voltage DC – DC Converters
- Designed for 3.3V Microprocessor



STANDARD SPECIFICATION:

Part Number SPI1608HC–	L (μ H) $\pm$ 20%	IRMS (A)max	I SAT (A)max	DCR (Ω) max.
R47M	0.47	19.2	51.7	0.0019
1R0M	1.0	17.3	37.3	0.0023
1R5M	1.5	13.4	28.9	0.0039
2R2M	2.2	12.0	23.7	0.0048
3R3M	3.3	11.0	20.2	0.0057
4R7M	4.7	8.6	15.6	0.0093
6R8M	6.8	8.3	14.1	0.0100
100M	10.0	6.8	11.5	0.0150
150M	15.0	5.5	9.1	0.0230
220M	22.0	4.5	7.6	0.0340
330M	33.0	3.7	6.1	0.0520
470M	47.0	3.1	5.2	0.0740
680M	68.0	2.4	4.3	0.1200
101M	100.0	2.0	3.6	0.1700

PHYSICAL CHARACTERISTICS Dimensions(mm) :



Winding



- Notes: (1)Open Circuit Inductance Test Parameters: 100KHz,.250Vrms,0.0Adc.
 (2)RMS current for an approximate Δ T of 40°C. at an ambient temperaturer of 85°C.
 (3)Peak current for approximately 30% rolloff.
 (4)DCR limits 20°C.
 (5)Operating Temperature:-40°C to + 85°C
 (6)Tape & Reel is Standard Bulk Packaging Available for Smaller Quantities
 All specifications subject to change without notice.