



POWER INDUCTORS

MODEL NO : SPI-039030 SERIES**Features :**

- * SMD version.
- * Low profile and high power.
- * Magnetically shielded.
- * Compliant with RoHS and REACH.

Application :

- * Digital Still Cameras.
- * PC Cameras.
- * DC/DC converter in power regulation system.

**Electrical Specification :**

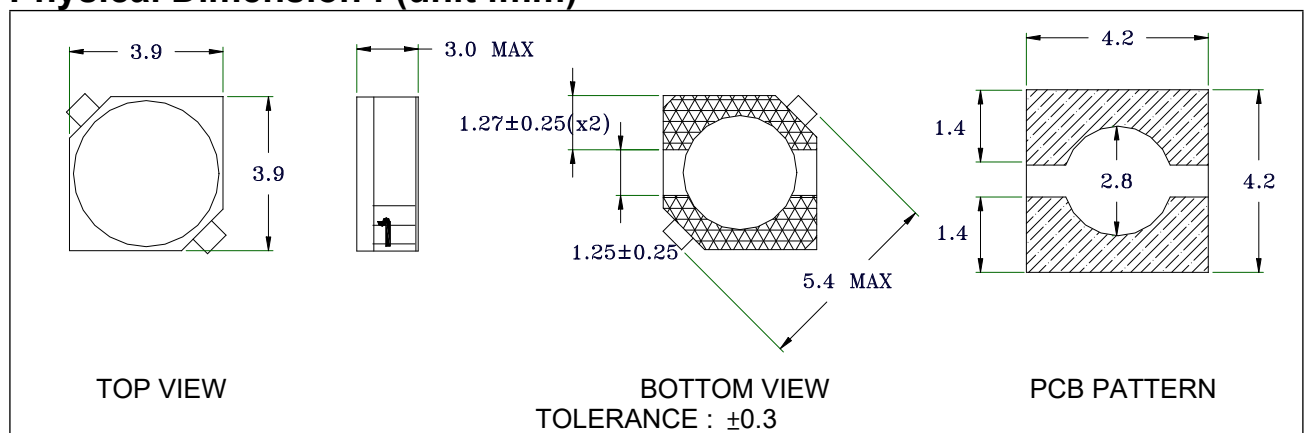
PART NO	INDUCTANCE (μ H) $\pm 30\%$	DCR MAX (Ω)	SATURATION CURRENT (ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC) (NOTE 3)
SPI-039030-1R0	1.0	0.030	3.0	3.40
SPI-039030-2R2	2.2	0.045	2.33	2.70
SPI-039030-3R3	3.3	0.056	1.62	2.45
SPI-039030-4R7	4.7	0.080	1.38	2.00
SPI-039030-6R8	6.8	0.107	1.24	1.60
SPI-039030-100	10.0	0.150	1.02	1.40
SPI-039030-150	15.0	0.205	0.80	1.10
SPI-039030-220	22.0	0.310	0.66	0.90
SPI-039030-330	33.0	0.430	0.55	0.75
SPI-039030-470	47.0	0.510	0.46	0.70
SPI-039030-471	470	6.0	0.14	0.21

NOTE (1): Measuring condition : 100 KHZ ,0.1Vrms.

NOTE (2): The saturation current indicates the value of DC current is approximately 35% lower than its initial value of inductance.

NOTE (3): $\Delta T=40^{\circ}\text{C}$ approximately under the temperature rise current.NOTE (4): Operating temperature range: $-30^{\circ}\text{C}\sim+85^{\circ}\text{C}$.

NOTE (5): Storage time :The recommended storage time of Inductor is maximum 12 months, and don't suggest to use the parts over 12 months.

Physical Dimension : (unit :mm)**PACKAGING SPEC:**

1. REEL SIZE & UNITS PER REEL :7",1000PCS.
2. TAPE WIDTH:12mm.
3. REEL WIDTH:16.2mm.
4. COMPONENT PITCH:8mm.