



POWER INDUCTORS

MODEL NO : SPI-067030 SERIES(CDRH6D28 COMPATIBLE)**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.

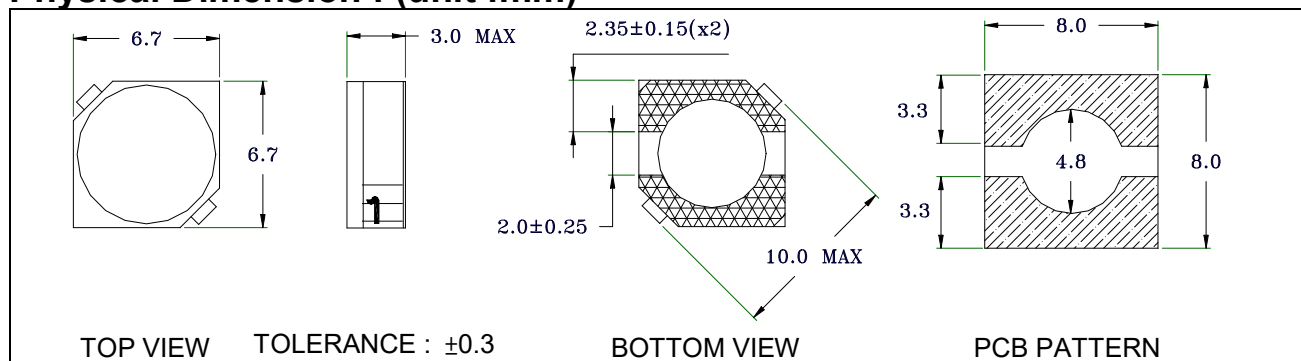
**Electrical Specification :**

PART NO	INDUCTANCE (uH) $\pm 30\%$	DCR MAX (Ω)	RATED CURRENT ADC (NOTE 2)
SPI-067030-R47	0.47	0.015	3.5
SPI-067030-1R0	1.0	0.018	3
SPI-067030-1R7	1.7	0.021	3
SPI-067030-3R0	3.0	0.029	3
SPI-067030-3R9	3.9	0.029	2.6
SPI-067030-4R7	4.7	0.030	2.5
SPI-067030-5R0	5.0	0.031	2.4
SPI-067030-6R0	6.0	0.035	2.25
SPI-067030-6R8	6.8	0.049	2.2
SPI-067030-7R3	7.3	0.054	2.10
SPI-067030-8R6	8.6	0.058	1.85
SPI-067030-100	10	0.065	1.70
SPI-067030-120	12	0.070	1.55
SPI-067030-150	15	0.084	1.40
SPI-067030-180	18	0.095	1.32
SPI-067030-220	22	0.130	1.24
SPI-067030-270	27	0.142	1.05
SPI-067030-330	33	0.165	0.97
SPI-067030-390	39	0.210	0.86
SPI-067030-470	47	0.250	0.80
SPI-067030-560	56	0.277	0.73
SPI-067030-680	68	0.304	0.65
SPI-067030-820	82	0.390	0.60
SPI-067030-101	100	0.535	0.54

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

NOTE (2): The rated current indicates the value of DC current is approximately 35% lower than its initial value of inductance and $\Delta T = 40^\circ\text{C}$ approximately.NOTE (3): Operating temperature range: $-30^\circ\text{C} \sim +85^\circ\text{C}$.

NOTE (4): 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 : 13", 1500PCS.
2. TAPE WIDTH: 16mm.
3. REEL WIDTH: 22.4mm.
4. COMPONENT PITCH: 12mm.