



POWER INDUCTORS

MODEL NO : SPI-057030 SERIES(CDRH5D28 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.

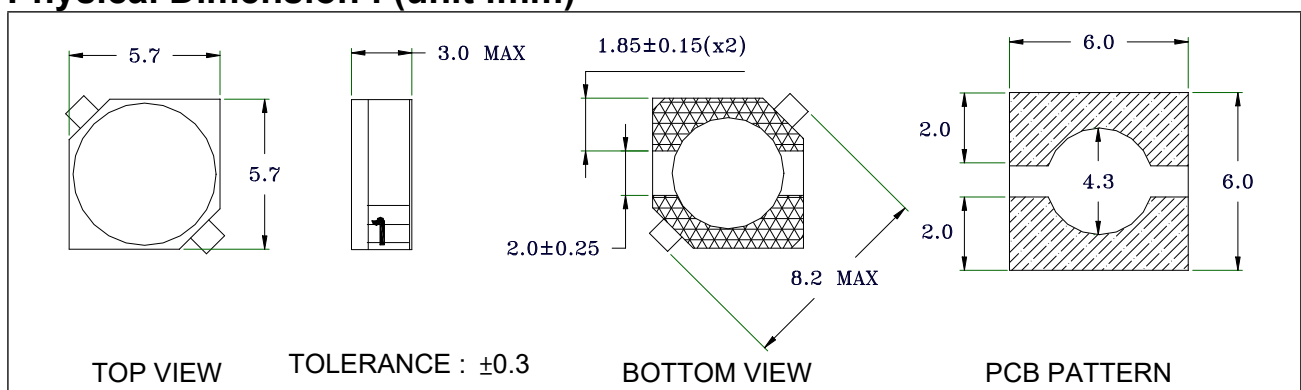
**Electrical Specification :**

PART NO	INDUCTANCE (uH) $\pm 30\%$	DCR MAX (Ω)	RATED CURRENT ADC (NOTE 2)
SPI-057030-2R5	2.5	0.018	3.00
SPI-057030-2R6	2.6	0.018	2.60
SPI-057030-3R0	3.0	0.024	2.40
SPI-057030-4R2	4.2	0.031	2.20
SPI-057030-5R3	5.3	0.038	1.90
SPI-057030-6R2	6.2	0.045	1.80
SPI-057030-8R2	8.2	0.053	1.60
SPI-057030-100	10	0.065	1.30
SPI-057030-120	12	0.076	1.20
SPI-057030-150	15	0.103	1.10
SPI-057030-180	18	0.110	1.00
SPI-057030-220	22	0.122	0.90
SPI-057030-270	27	0.175	0.85
SPI-057030-330	33	0.189	0.75
SPI-057030-390	39	0.212	0.70
SPI-057030-470	47	0.260	0.62
SPI-057030-560	56	0.305	0.58
SPI-057030-680	68	0.355	0.52
SPI-057030-820	82	0.463	0.46
SPI-057030-101	100	0.520	0.42

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

NOTE(2): The rated current indicates the value of DC current is approximately 35% lower than its initial value of inductance and $\Delta T = 30^\circ\text{C}$ 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",1600PCS.
2. TAPE WIDTH:16mm.
3. REEL WIDTH:22.4mm.
4. COMPONENT PITCH:12mm.