



POWER INDUCTORS

MODEL NO: SPI-057020 SERIES(CDRH5D18 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.

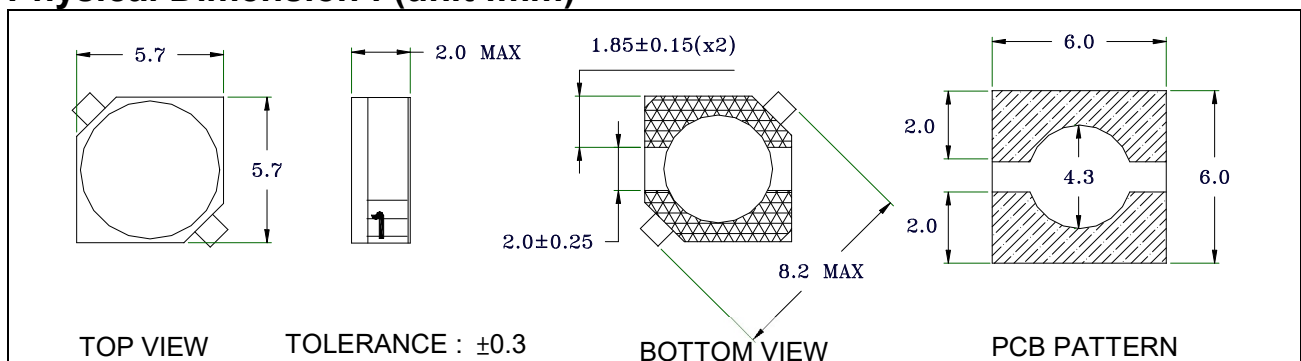
**Electrical Specification :**

PART NO	INDUCTANCE (uH) $\pm 30\%$	DCR MAX (Ω)	RATED CURRENT (ADC) (NOTE 2)
SPI-057020-3R5	3.5	0.068	1.60
SPI-057020-4R7	4.7	0.085	1.60
SPI-057020-5R4	5.4	0.076	1.60
SPI-057020-6R8	6.8	0.090	1.50
SPI-057020-100	10	0.124	1.20
SPI-057020-120	12	0.153	1.10
SPI-057020-150	15	0.196	0.97
SPI-057020-180	18	0.210	0.85
SPI-057020-220	22	0.290	0.76
SPI-057020-270	27	0.330	0.75
SPI-057020-330	33	0.386	0.65
SPI-057020-390	39	0.520	0.57
SPI-057020-470	47	0.595	0.54
SPI-057020-560	56	0.665	0.50
SPI-057020-680	68	0.840	0.43
SPI-057020-820	82	0.978	0.41
SPI-057020-101	100	1.200	0.36
SPI-057020-221	220	3.000	0.20
SPI-057020-331	330	4.5	0.15
SPI-057020-471	470	5.9	0.12

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",2000PCS.
2. TAPE WIDTH:16mm.
3. REEL WIDTH:22.4mm.
4. COMPONENT PITCH:12mm.