



POWER INDUCTORS

MODEL NO : SPI-033013 SERIES(CDRH2D11 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)±20%	DCR MAX (Ω)	TEMPERATURE RISE CURRENT (ADC) (NOTE 2)	SATURATION CURRENT(ADC) (NOTE 3)
SPI-033013-1R5	1.5	0.068	1.48	0.90
SPI-033013-2R2	2.2	0.098	1.27	0.78
SPI-033013-3R3	3.3	0.123	1.02	0.60
SPI-033013-4R7	4.7	0.170	0.88	0.50
SPI-033013-6R8	6.8	0.260	0.80	0.44
SPI-033013-100	10	0.400	0.65	0.35
SPI-033013-150	15	0.650	0.43	0.25
SPI-033013-220	22	1.000	0.34	0.22
SPI-033013-330	33	1.600	0.25	0.20
SPI-033013-470	47	2.000	0.20	0.15

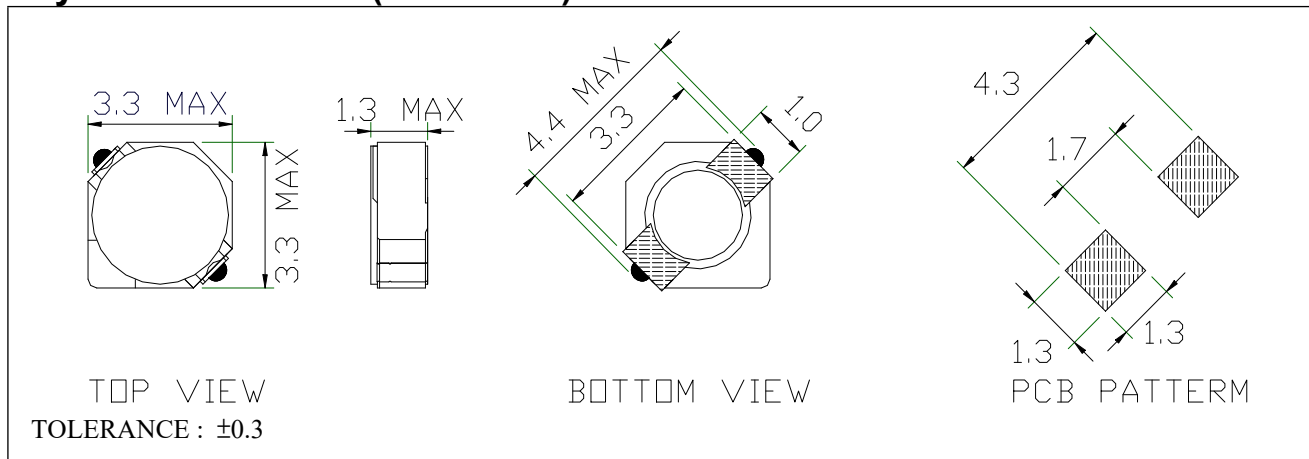
NOTE (1): Test frequency: 100 KHZ , 0.1VRMS.

NOTE (2): $\Delta T=40^{\circ}\text{C}$ approximately under the temperature rise current.

NOTE (3): The saturation current indicates the value of DC current is approximately 35% lower than its initial value of inductance.

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 :13",4000PCS.
2. TAPE WIDTH:12mm.
3. REEL WIDTH:16.2mm.
4. COMPONENT PITCH:8mm.