



POWER INDUCTORS

MODEL NO : SPI-105030 SERIES(CDRH8D28 COMPATIBLE)**Features :**

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

Application :

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

**Electrical Specification :**

PART NO	INDUCTANCE (μ H) $\pm 30\%$	DCR MAX ($m\Omega$)	TEMPERATURE RISE CURRENT (ADC) (NOTE2)	SATURATION CURRENT (ADC) (NOTE 3)
SPI-105030-2R5	2.5	15	4.90	4.50
SPI-105030-3R3	3.3	18	4.40	4.00
SPI-105030-4R7	4.7	24	4.10	3.40
SPI-105030-7R3	7.3	38	3.10	2.80
SPI-105030-100	10	47	2.80	2.30
SPI-105030-150	15	66	2.10	1.90
SPI-105030-220	22	95	1.80	1.60
SPI-105030-330	33	150	1.30	1.30
SPI-105030-470	47	190	1.10	1.15
SPI-105030-680	68	280	0.83	0.92
SPI-105030-101	100	410	0.70	0.75

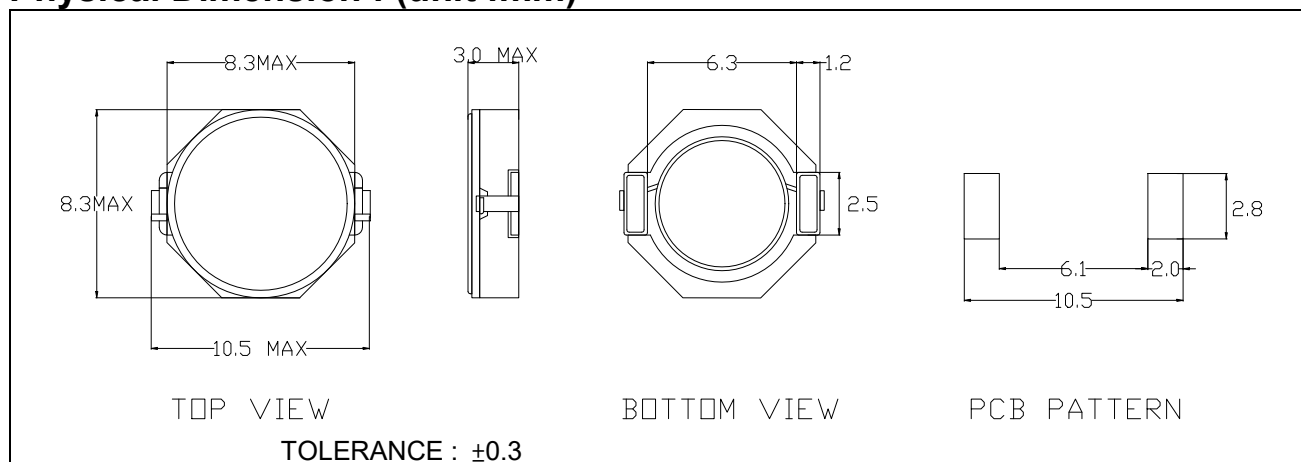
NOTE(1): Measuring condition : 100 KHZ, 0.1Vrms.

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",1500PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:12mm.