



POWER INDUCTORS

MODEL NO. : SPI-032021 SERIES(CDRH2D18/LD COMPATIBLE)

Features :

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

Application :

- * Digital Still Cameras. * PC Cameras. * Telecommunication devices.
- * DC/DC converter in power regulation system.



Electrical Specification :

PART NO	INDUCTANCE (uH)±30%	DCR MAX (Ω)	TEMPERATURE RISE CURRENT (ADC) (NOTE 2)	SATURATION CURRENT (ADC) (NOTE 3)
SPI-032021-2R2	2.2	0.041	2.30	0.85
SPI-032021-3R3	3.3	0.054	2.10	0.75
SPI-032021-4R7	4.7	0.078	1.65	0.63
SPI-032021-6R8	6.8	0.106	1.32	0.52
SPI-032021-100	10	0.180	1.00	0.43
SPI-032021-150	15	0.220	0.80	0.35
SPI-032021-220	22	0.320	0.68	0.30
SPI-032021-330	33	0.460	0.56	0.24
SPI-032021-470	47	0.660	0.48	0.20

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

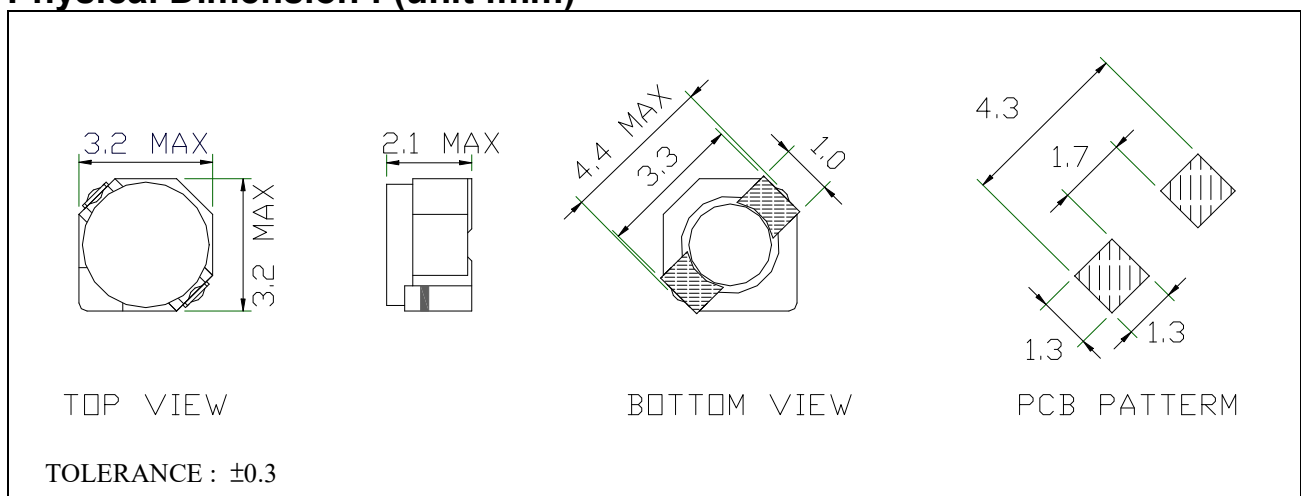
NOTE(2): $\Delta T=40^{\circ}\text{C}$ approximately under the temperature rise current.

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",3500PCS.
2. TAPE WIDTH:12mm.
3. REEL WIDTH:16.2mm.
4. COMPONENT PITCH:8mm.