



POWER INDUCTORS

MODEL NO : SPI-047020 SERIES(CDRH4D18/A914BYW 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 :**

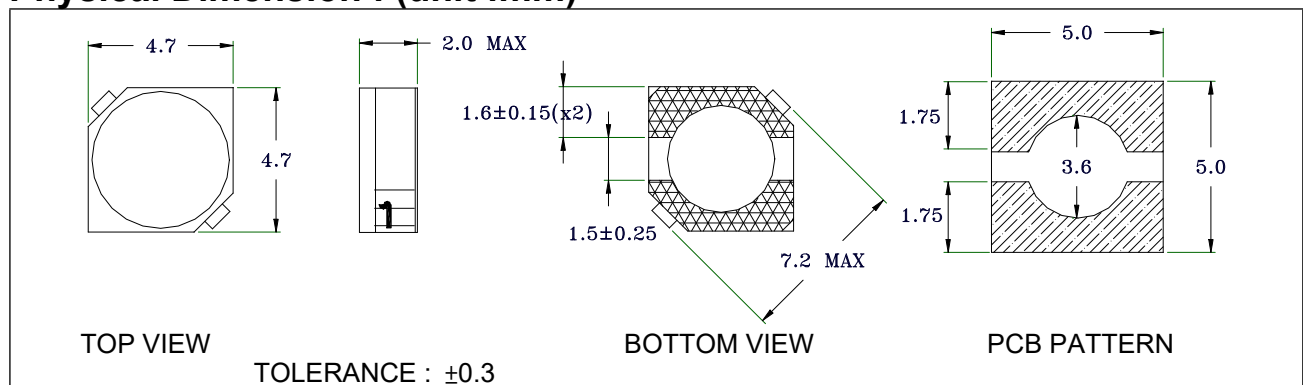
PART NO	INDUCTANCE (uH) $\pm 30\%$	DCR MAX (Ω)	SATURATION CURRENT(ADC) (NOTE 2)	TEMPERATURE RISE CURRENT (ADC MAX) (NOTE 3)
SPI-047020-1R2	1.20	0.044	2.50	2.87
SPI-047020-2R2	2.20	0.059	2.17	2.05
SPI-047020-3R5	3.50	0.073	1.79	1.81
SPI-047020-4R7	4.70	0.087	1.52	1.53
SPI-047020-6R8	6.80	0.105	1.27	1.37
SPI-047020-100	10.0	0.150	1.02	1.09
SPI-047020-150	15.0	0.210	0.80	0.90
SPI-047020-220	22.0	0.300	0.62	0.82
SPI-047020-330	33.0	0.455	0.51	0.60
SPI-047020-470	47.0	0.730	0.49	0.44
SPI-047020-680	68.0	0.935	0.40	0.41
SPI-047020-101	100.0	1.500	0.31	0.31
SPI-047020-561	560.0	15.0	0.10	0.10

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

NOTE(2): The saturation current indicates the value of DC current is approximately 35% lower than its initial value of inductance.

NOTE(3): $\Delta T=40^{\circ}\text{C}$ approximately under the temperature rise current.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",2500PCS.
2. TAPE WIDTH:16mm.
3. REEL WIDTH:22.4mm.
4. COMPONENT PITCH:12mm.