



POWER INDUCTORS

MODEL NO : SPI-100038 SERIES (CDRH104R COMPATIBLE)**Features :**

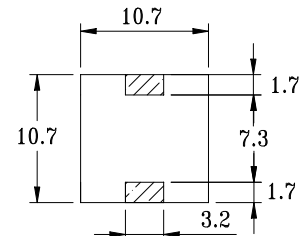
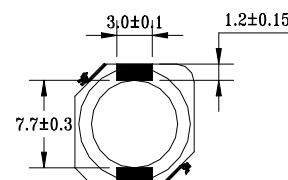
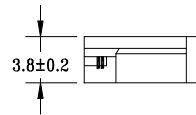
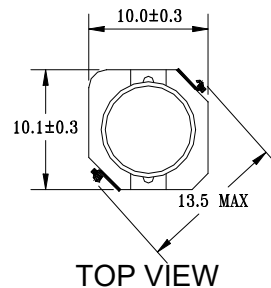
- * SMD version.
- * High power and high performance.
- * Magnetically shielded.
- * Compliant with RoHS and REACH.

Application :

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

**Electrical Specification :**

PART NO	INDUCTANCE ($\mu\text{H} \pm 30\%$)	DCR MAX ($\text{m}\Omega$)	RATED CURRENT (ADC) (NOTE 2)
SPI-100038-1R5	1.5	8.1	10.0
SPI-100038-2R5	2.5	10.5	7.5
SPI-100038-3R3	3.3	13	6.0
SPI-100038-4R7	4.7	20	5.7
SPI-100038-5R2	5.2	22	5.5
SPI-100038-5R8	5.8	24	5.5
SPI-100038-7R0	7.0	27	4.8
SPI-100038-100	10	35	4.4
SPI-100038-150	15	50	3.6
SPI-100038-220	22	73	2.9
SPI-100038-330	33	93	2.3
SPI-100038-470	47	128	2.1
SPI-100038-680	68	213	1.5
SPI-100038-101	100	304	1.35
SPI-100038-151	150	506	1.15
SPI-100038-221	220	756	0.92
SPI-100038-331	330	1090	0.70

Physical Dimension (unit : mm) :TOLERANCE : ± 0.3

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 $\Delta T = 40^\circ\text{C}$ 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.

PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL :13",800PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:16mm.