

SMD POWER INDUCTORS

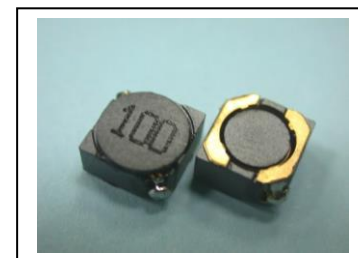
MODEL NO. : SPC-06704 HF SERIES(CDRH6D38 COMPATIBLE)

FEATURES:

- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.

APPLICATION :

- * NOTEBOOK COMPUTERS. * DC-DC CONVERTORS. * DC-AC INVERTERS.
- * PDA. * DIGITAL STILL CAMERAS. * PC CAMERAS.



ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (uH) $\pm 30\%$	DCR MAX (Ω)	RATED CURRENT (ADC)
SPC-06704-1R5 HF	1.5	0.016	5.00
SPC-06704-2R2 HF	2.2	0.018	4.00
SPC-06704-3R3 HF	3.3	0.024	3.50
SPC-06704-5R0 HF	5.0	0.025	2.90
SPC-06704-6R2 HF	6.2	0.027	2.50
SPC-06704-7R4 HF	7.4	0.031	2.30
SPC-06704-100 HF	10	0.038	2.20
SPC-06704-120 HF	12	0.053	1.70
SPC-06704-150 HF	15	0.057	1.60
SPC-06704-180 HF	18	0.092	1.50
SPC-06704-220 HF	22	0.100	1.30
SPC-06704-270 HF	27	0.109	1.20
SPC-06704-330 HF	33	0.140	1.10
SPC-06704-470 HF	47	0.210	0.95
SPC-06704-101 HF	100	0.358	0.65
SPC-06704-391 HF	390	1.60	0.40

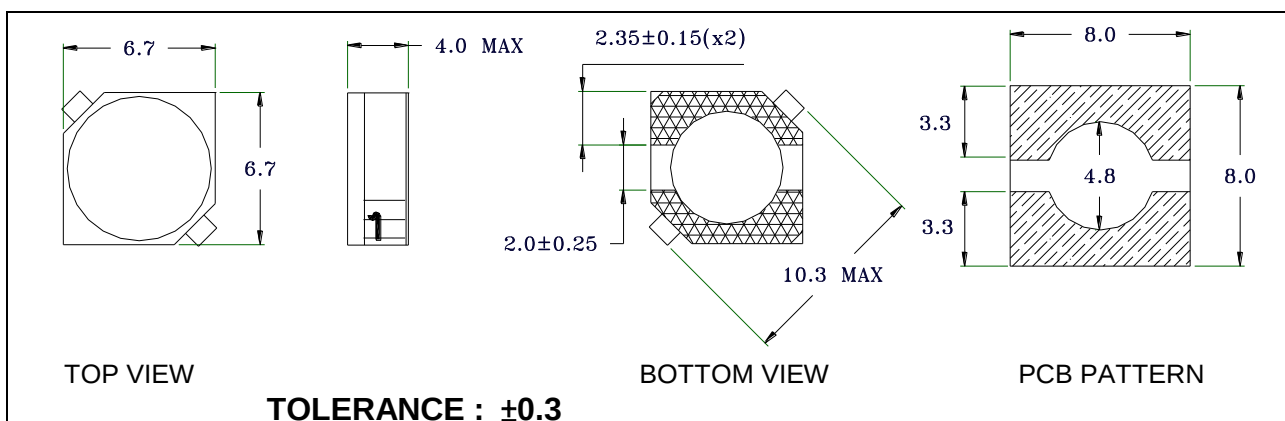
NOTE (1): Test frequency: 100 kHz, 1 Vrms.

NOTE (2): The rated current indicates the value of DC current is approximately 40% 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): Weight: 0.70 gram/pcs.

PHYSICAL DIMENSION : (UNIT:mm)



PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL : 13", 1200PCS.
2. TAPE WIDTH: 16mm.
3. REEL WIDTH: 22.4mm.
4. COMPONENT PITCH: 12mm