

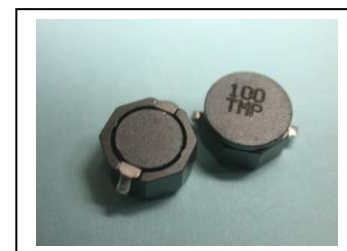
SMD POWER INDUCTORS



MODEL NO. : SPC-08045 HF SERIES(CDRH8D43 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.
- * DIGITAL STILL CAMERAS.

ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (uH) $\pm 30\%$	DCR MAX (m Ω)	SATURATION CURRENT(ADC) (NOTE 3)	TEMPERATURE RISE CURRENT (ADC MAX)
SPC-08045-2R0 HF	2.0	14	7.00	6.40
SPC-08045-3R9 HF	3.9	19	5.90	5.00
SPC-08045-4R7 HF	4.7	22	5.60	4.60
SPC-08045-4R7A HF	4.7	22	4.60	4.60
SPC-08045-6R8 HF	6.8	25	4.40	4.20
SPC-08045-100 HF	10	36	4.00	3.60
SPC-08045-150 HF	15	53	2.90	2.65
SPC-08045-220 HF	22	75	2.60	2.10
SPC-08045-330 HF	33	125	2.25	1.60
SPC-08045-470 HF	47	150	1.80	1.45
SPC-08045-680 HF	68	240	1.50	1.20
SPC-08045-101 HF	100	360	1.30	0.92

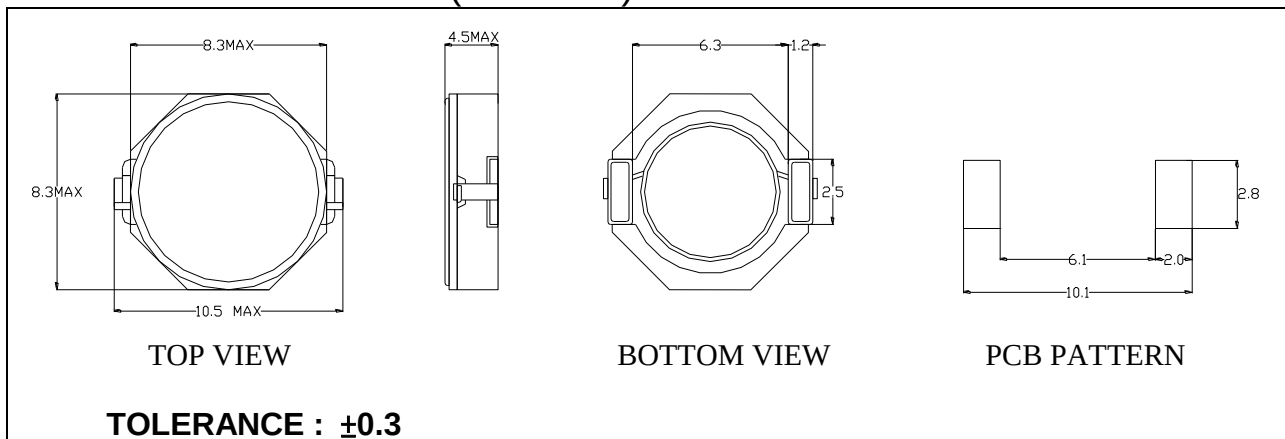
NOTE(1): Test frequency: 100 KHZ,1Vrms.

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: $-30^{\circ}\text{C} \sim +85^{\circ}\text{C}$.

PHYSICAL DIMENSION : (UNIT:mm)



PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL :13",1000PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:12mm