

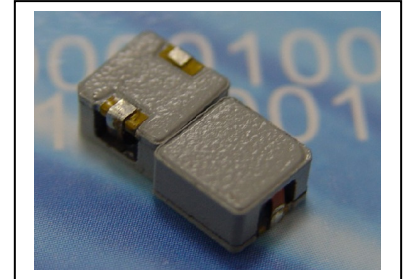
SMD HIGH CURRENT INDUCTORS



MODEL NO. : SSC-06840DD HF SERIES

FEATURES:

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



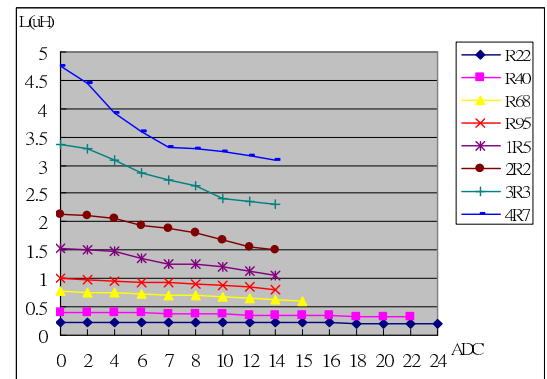
APPLICATION :

- * NOTEBOOK COMPUTERS.
- * MOTHERBOARD.
- * VGA CARD.

ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (uH) $\pm 20\%$	DCR $\pm 10\%$ (m Ω)	INDUCTANCE (uH) TYP	TEMPERATURE RISE CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 3)
SSC-06840DD-R22 HF	0.22 $\pm 30\%$	1.1	0.18	23.0	23.0
SSC-06840DD-R40 HF	0.40 $\pm 30\%$	2.0	0.31	19.0	20.0
SSC-06840DD-R68 HF	0.68	3.1	0.56	14.0	15.0
SSC-06840DD-R95 HF	0.95	4.6	0.76	13.0	14.0
SSC-06840DD-1R5 HF	1.5	6.6	1.20	10.0	9.3
SSC-06840DD-2R2 HF	2.2	11.4	1.83	8.0	9.0
SSC-06840DD-3R3 HF	3.3	17.2	2.78	6.0	6.8
SSC-06840DD-4R7 HF	4.7	19.5	3.85	4.6	4.5

INDUCTANCE VS DC BIAS:



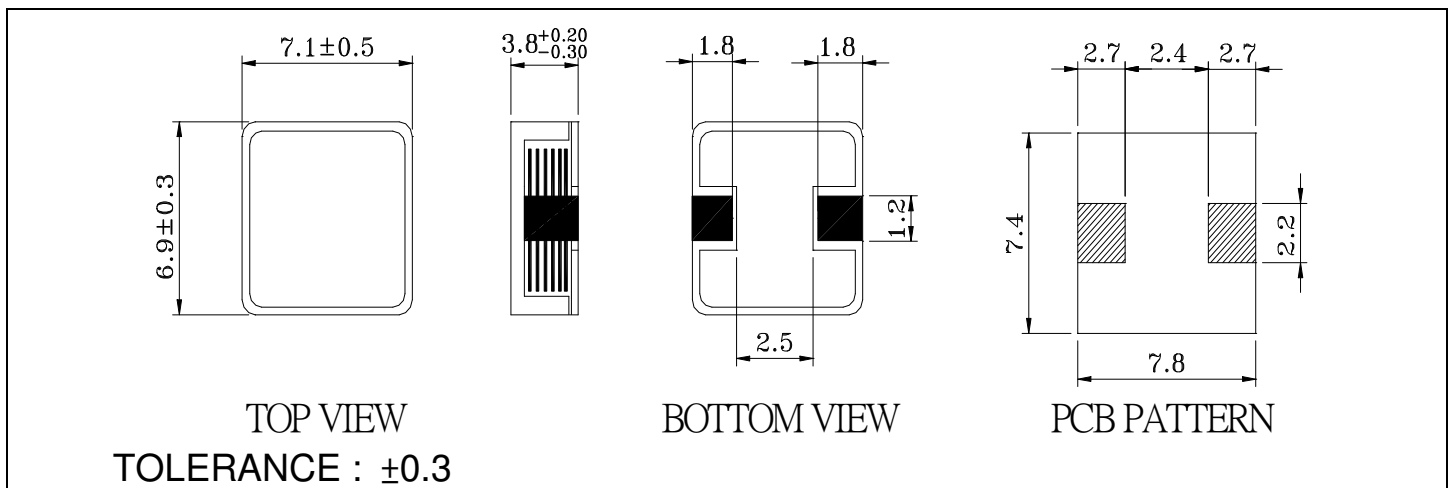
NOTE(1) : Test frequency: 100 KHZ,1Vrms.

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 20% lower than its initial value of inductance.

NOTE(4): Operating temperature range: $-40^{\circ}\text{C} \sim +150^{\circ}\text{C}$

PHYSICAL DIMENSION : (UNIT:mm)



PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL :13",1000PCS.
2. TAPE WIDTH:16mm.
3. REEL WIDTH:22.4mm.
4. COMPONENT PITCH:12mm