

SMD

HIGH CURRENT INDUCTORS

MODEL NO. : SSC-06530N2 HF SERIES

FEATURES:

- * LOW CORE LOSS, HIGH EFFICIENCY PERFORMANCE, HIGH MAGNETIC CHARACTERISTICS.
- * CLOSED MAGNETIC FIELD CONSTRUCTION FOR HIGH DENSITY BOARD ASSEMBLY.
- * RIBBON WIRE STRUCTURE.
- * CUSTOM DESIGNS AVAILABLE.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.

APPLICATION :

- * NOTEBOOK COMPUTERS. * VGA CARD.
- * DC/DC CONVERTER IN POWER REGULATION SYSTEM.



ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (μ H) $\pm 20\%$ @0ADC	INDUCTANCE (μ H) TYP @TEMPERATURE RISE CURRENT	TEMPERATURE RISE CURRENT (ADC)	INDUCTANCE (μ H)Typ @ SATURATION CURRENT	SATURATION CURRENT (ADC) (NOTE 3)	DCR $\pm 10\%$ (m Ω)
SSC-06530N2-R15 HF	0.15 $\pm 30\%$	0.14	19.0	0.13	28	0.95
SSC-06530N2-R38 HF	0.38 $\pm 30\%$	0.31	17.0	0.31	17	2.0
SSC-06530N2-R72 HF	0.72	0.58	11.5	0.58	11.5	4.5
SSC-06530N2-1R2 HF	1.20	0.96	8.0	0.96	8.0	7.3
SSC-06530N2-1R6 HF	1.60	1.30	7.0	1.30	7.0	12.1
SSC-06530N2-2R2 HF	2.20	1.95	4.5	1.80	6.0	22.0

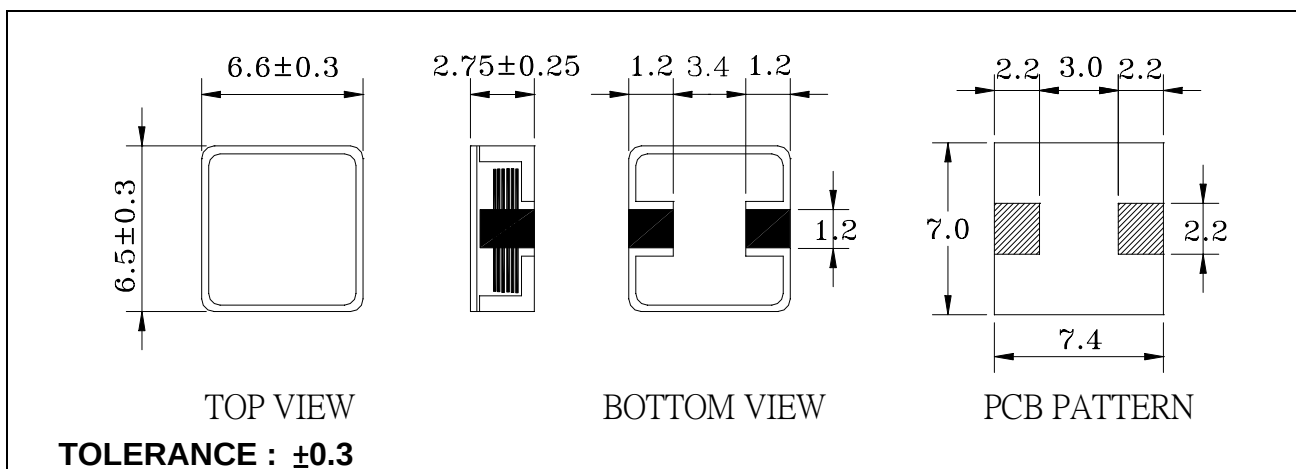
NOTE(1): Test frequency: 100 KHZ,1Vrms.

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",1500PCS.
2. TAPE WIDTH:16mm.
3. REEL WIDTH:22.4mm.
4. COMPONENT PITCH:12mm