

SMD HIGH CURRENT INDUCTORS



MODEL NO. : SSC-14050 HF SERIES

FEATURES:

- * DUST CORES ARE USED AT THE TOP PORTION AND NI-ZN FERRITE CORES AT THE BOTTOM PORTION
- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.



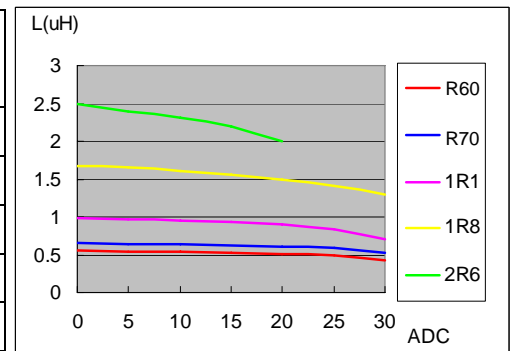
APPLICATION :

- * NOTEBOOK COMPUTERS.
- * SERVERS.

ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (uH) $\pm 20\%$ @ 0 ADC	DCR MAX (m Ω)	INDUCTANCE (uH) TYP @ TEMPERATURE RISE CURRENT	TEMPERATURE RISE CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 3)
SSC-14050-R60 HF	0.6	1.5	0.57	24	30
SSC-14050-R70 HF	0.7	1.5	0.60	24	30
SSC-14050-1R1 HF	1.1	2.4	1.00	19	24
SSC-14050-1R8 HF	1.8	4.7	1.60	13	17
SSC-14050-2R6 HF	2.6	7.0	2.30	12	15

INDUCTANCE VS DC BIAS:



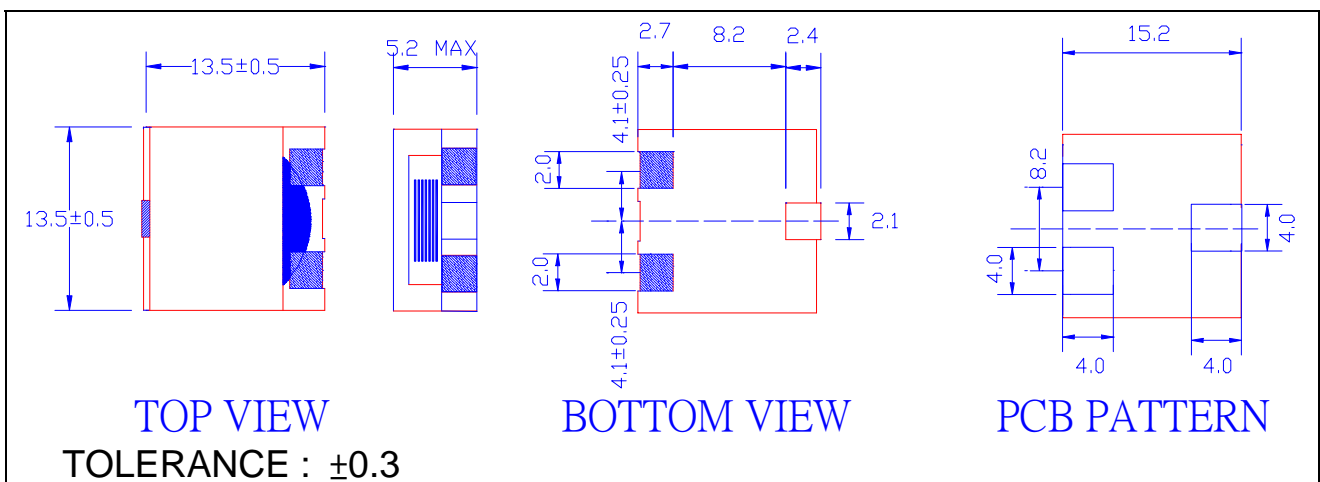
NOTE(1): Test frequency: 100 KHZ, 1Vrms.

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 30% 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",400PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm.
4. COMPONENT PITCH:16mm