

SMD HIGH CURRENT INDUCTORS



MODEL NO. : SSC-12835 HF SERIES

FEATURES:

- * SUPERIOR QUALITY FOR AN AUTOMATED PRODUCTION LINE.
- * AEC-Q200 COMPLIANCE.
- * PICK AND PLACE COMPATIBLE.
- * TAPE AND REEL PACKING.
- * COMPLIANT WITH RoHS AND HALOGEN FREE.



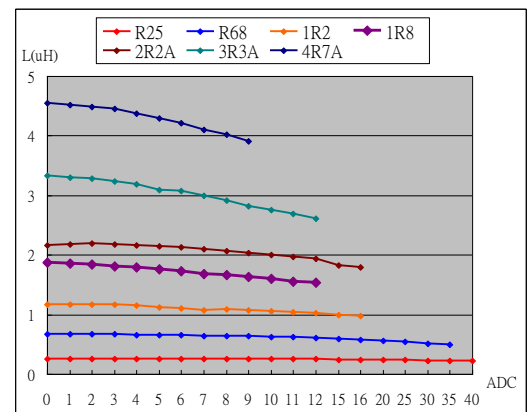
APPLICATION :

- * NOTEBOOK COMPUTERS.
- * 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-12835DD-R25 HF	0.25 $\pm 30\%$	0.75	0.23	21	40
SSC-12835DD-R68 HF	0.68	1.58	0.56	20	32
SSC-12835DD-1R2 HF	1.2	2.85	0.95	15.5	15
SSC-12835DD-1R8 HF	1.8	5.60	1.50	11.5	11
SSC-12835DD-2R2A HF	2.2	5.70	1.88	12	14
SSC-12835DD-3R3A HF	3.3	8.10	2.70	11	12
SSC-12835DD-4R7A HF	4.7	13.3	4.0	7.5	9

INDUCTANCE VS DC BIAS:



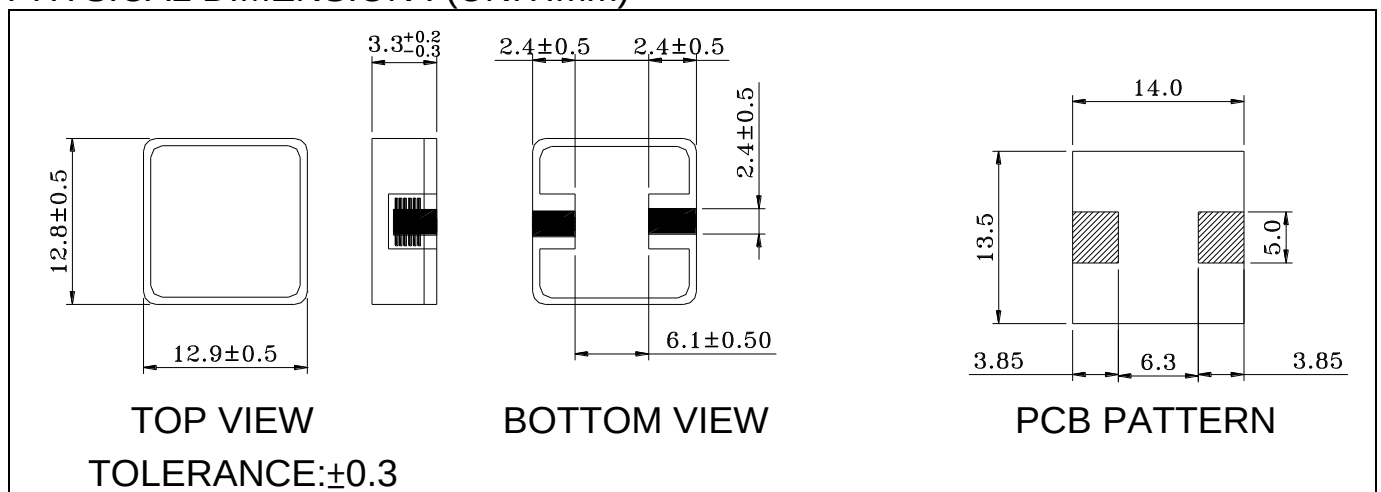
NOTE(1): Test frequency: 100 KHZ,1Vrms.

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