

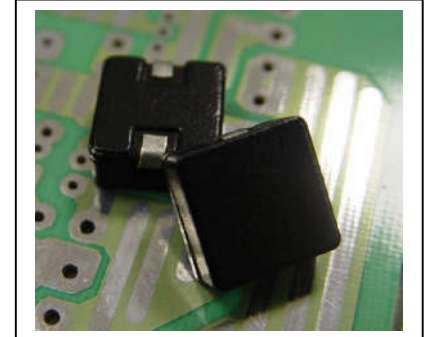
SMD HIGH CURRENT INDUCTORS



MODEL NO. : SSC-12880 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.
- * SERVERS.

ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (uH) ±20% @ 0ADC	DCR ±10% (mΩ)	INDUCTANCE (uH) TYP @ TEMPERATURE RISE CURRENT	TEMPERATURE RISE CURRENT (ADC) (NOTE2)	SATURATION CURRENT (ADC) (NOTE 3)
SSC-12880-R56 HF	0.56	0.57	0.47	29.0	48.0
SSC-12880-R90 HF	0.90	0.86	0.80	27.0	46.0
SSC-12880-1R5 HF	1.5	1.17	1.2	25.0	39.0
SSC-12880-2R2 HF	2.2	1.63	1.8	21.0	27.0
SSC-12880-3R3 HF	3.3	2.4	2.5	20.0	21.0
SSC-12880-4R3 HF	4.3	3.0	3.3	18.0	19.5
SSC-12880-5R6 HF	5.6	4.2	4.3	16.0	18.0
SSC-12880-6R8 HF	6.8	4.9	5.2	14.5	15.0
SSC-12880-7R8 HF	7.8	5.8	6.1	13.0	14.5
SSC-12880-100 HF	10	7.4	7.7	12.0	13.0
SSC-12880-150 HF	15	12.0	12.6	7.6	11.0
SSC-12880-220 HF	22	18.2	18.2	6.2	9.3
SSC-12880-330 HF	33	28.7	26.1	5.5	7.0
SSC-12880-470 HF	47	43.0	39.0	4.8	7.5

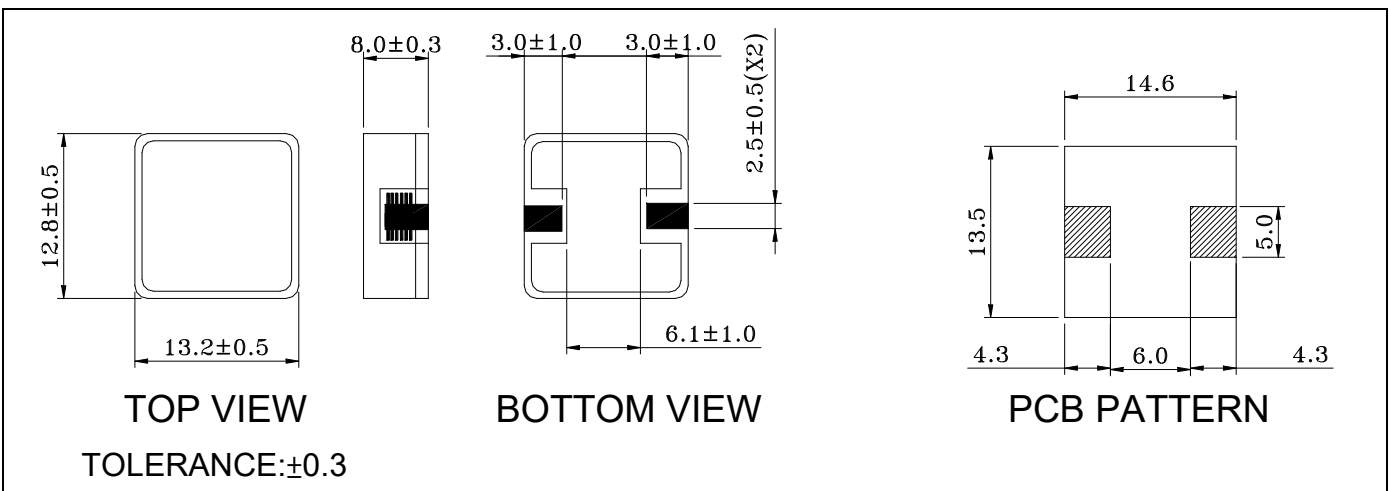
NOTE(1): Test frequency: 100 KHZ,0.1Vrms.

NOTE(2): ΔT=40°C approximately under the temperature rise current.

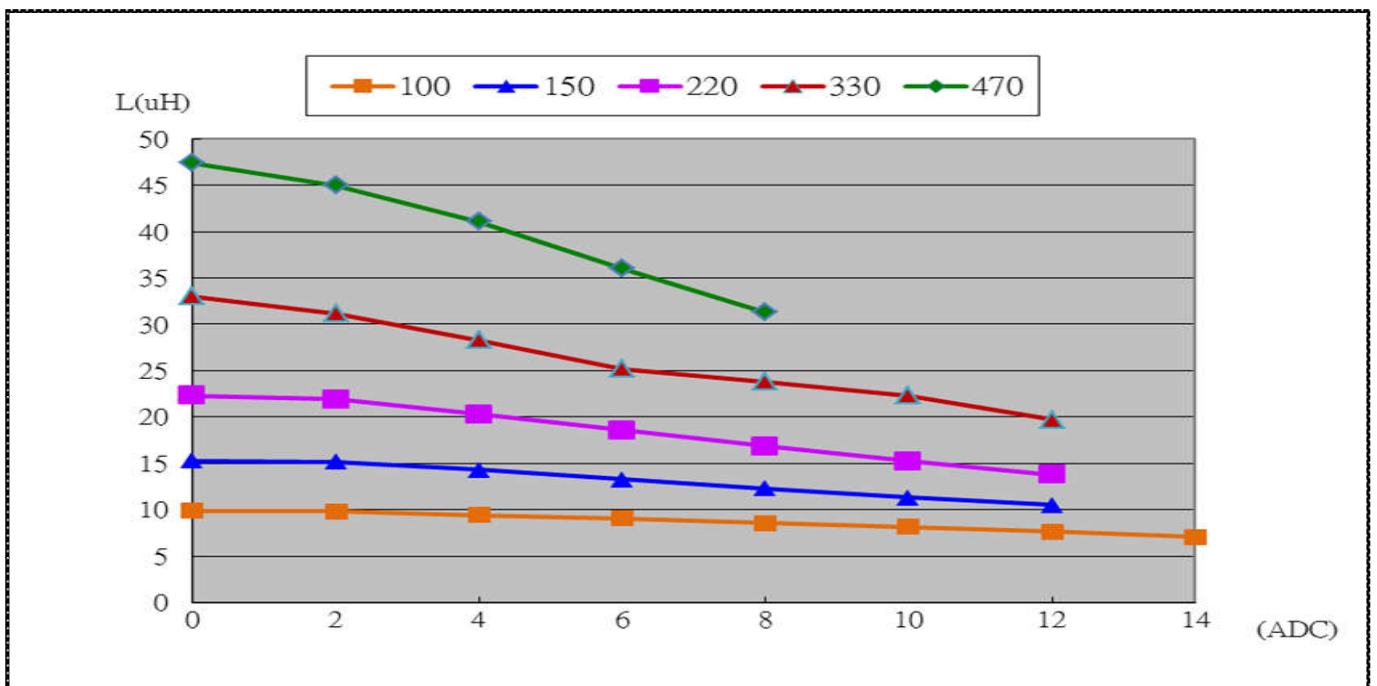
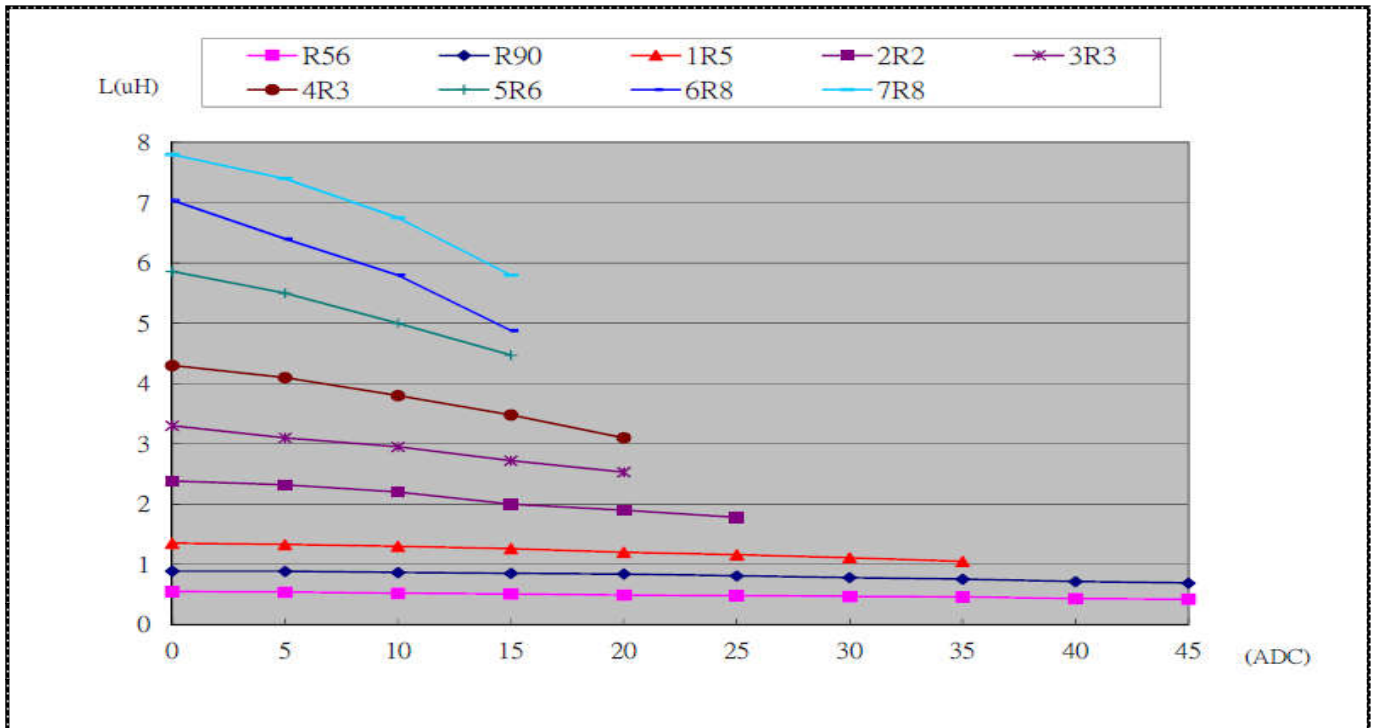
NOTE(3): The saturation current indicates the value of DC current is approximately 30% lower than its initial value of inductance.

NOTE(4): Operating temperature range: -40°C ~ +150°C

PHYSICAL DIMENSION : (UNIT:mm)



INDUCTANCE VS DC BIAS:



PACKAGING SPEC:

1. REEL SIZE & UNITS PER REEL :13",300PCS.
2. TAPE WIDTH:24mm.
3. REEL WIDTH:29.5mm
4. COMPONENT PITCH:24mm