

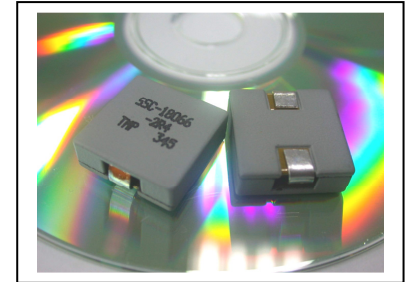
SMD HIGH CURRENT INDUCTORS



MODEL NO. : SSC-18066 HF SERIES

FEATURES:

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



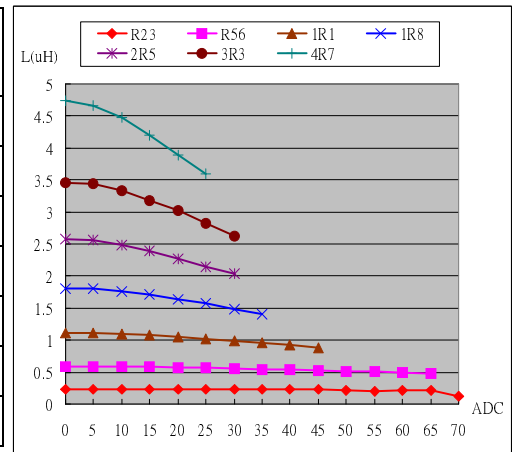
APPLICATION :

- * DC-DC CONVERTERS.
- * SERVERS.
- * ROUTERS.

ELECTRICAL SPECIFICATION:

PART NO	INDUCTANCE (uH) $\pm 20\%$	DCR $\pm 10\%$ (m Ω)	INDUCTANCE (uH) TYP @ TEMPERATURE RISE CURRENT	TEMPERATURE RISE CURRENT (ADC)	SATURATION CURRENT (ADC) (NOTE 3)
SSC-18066-R23 HF	0.23 $\pm 30\%$	0.28	0.22	34.0	70.0
SSC-18066-R56 HF	0.56	0.57	0.55	28.0	65.0
SSC-18066-1R1 HF	1.1	0.90	1.0	26.0	42.0
SSC-18066-1R8 HF	1.8	1.50	1.6	22.0	32.0
SSC-18066-2R5 HF	2.5	2.20	2.2	21.5	28.0
SSC-18066-3R3 HF	3.3	3.0	3.0	20.0	25.0
SSC-18066-4R7 HF	4.7	3.85	4.0	18.0	20.0

INDUCTANCE VS DC BIAS:



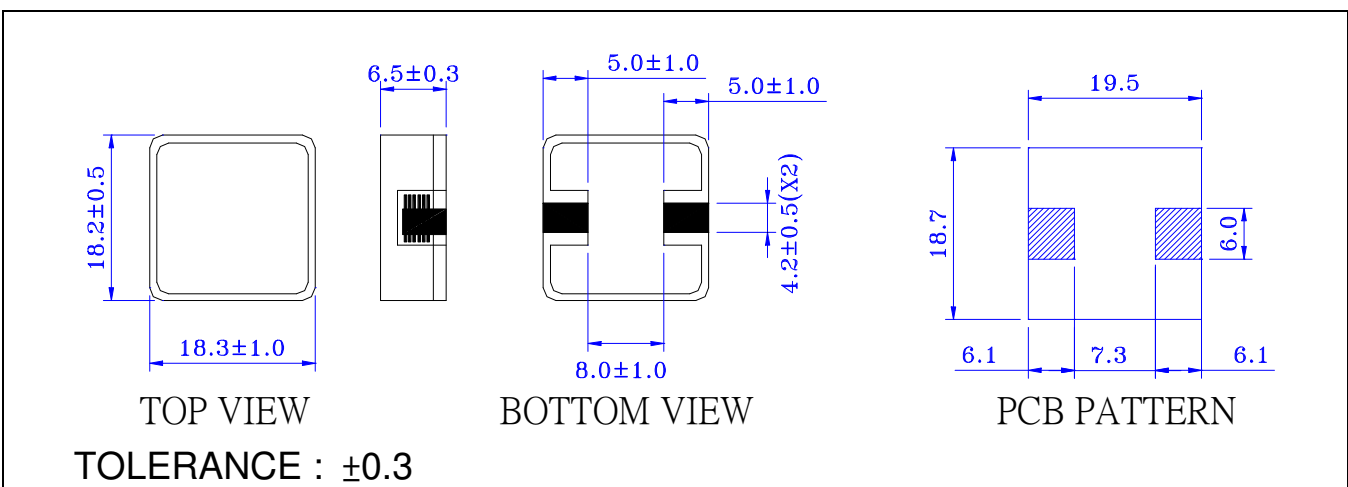
NOTE(1): Test frequency: 100 KHZ, 1Vrms.

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", 250PCS.
2. TAPE WIDTH: 32mm.
3. REEL WIDTH: 38.4mm
4. COMPONENT PITCH: 32mm