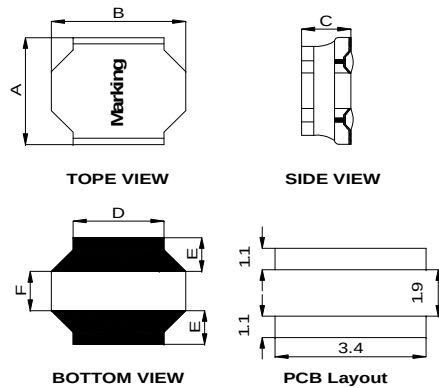
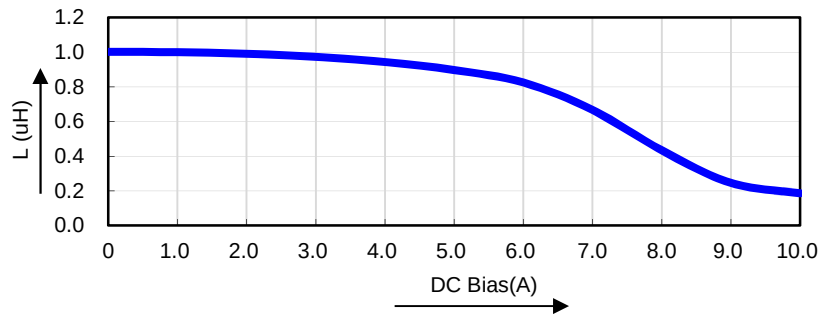


1. Configuration & Dimensions (in mm):

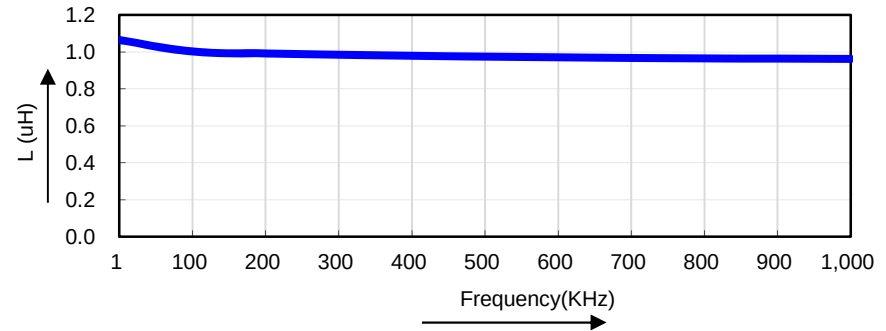


A	4.00	±	0.2	mm
B	4.00	±	0.2	mm
C	3.00		(Max.)	mm
D	3.30	±	0.2	mm
E	0.95	±	0.2	mm
F	2.10	±	0.2	mm

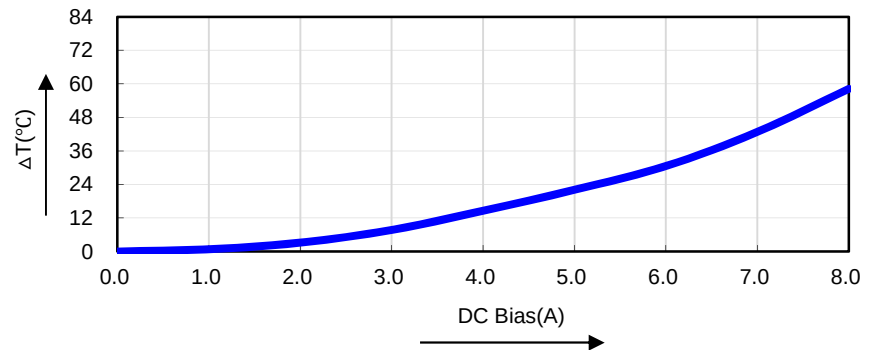
2.1 Typical Inductance vs. DC Bias Characteristics:



2.2 Typical Inductance vs. Frequency Characteristics:



2.3 Typical $\Delta T(^{\circ}C)$ vs. DC Bias(A) Characteristics:



NOTES:

- 1> Open Circuit Inductance (OCL): 1.0uH±30% at 100KHz, 1Vrms, 0Adc (Ta=25°C).
- 2> Isat: 5.26A , DC current that will cause inductance to drops approximately by 30%.
- 3> Irms: 4.15A , DC current that causes an approximate temperature rise (ΔT) of 40°C.
- 4> DCR: 14m Ω ±30%. (Ta=25°C).
- 5> Operating Temperature Range -40°C to + 125°C. RoHs & HF compliant.

REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
1.0	12/5/2014	NEW	Philip Yang
1.1			
1.2			
1.3			
1.4			
1.5			

UNLESS OTHERWISE SPECIFIED

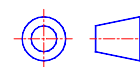
DIMENSIONS ARE IN mm.

TOLERANCES

2PL ± 0.3

3PL ± 0.15

Third Angle Projection



Inter-Technical Group

SLNR4330-1R0NHF

Inductor, 1uH, 5.26A, 14m Ω DCR

DWG. NO.

SLNR4330-1R0NHF

SCALE: 1/1

SHEET

1 OF 1

