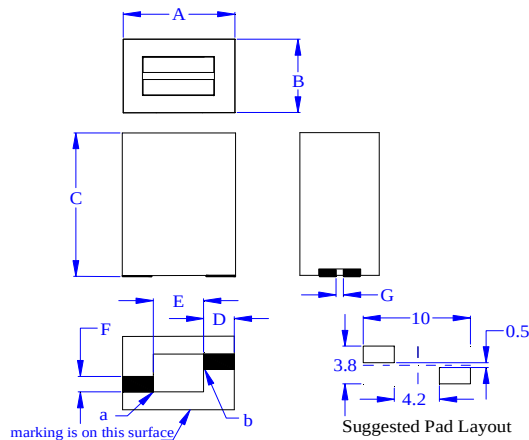


1. Configuration & Dimensions (in mm):

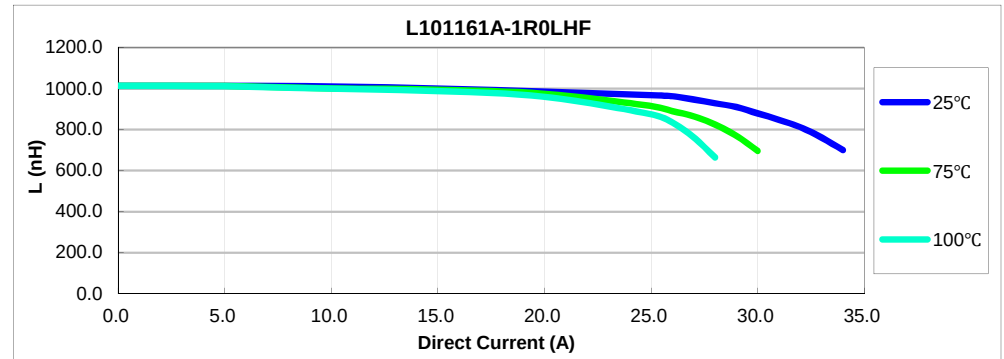


A	10.00	(Max.)	mm
B	7.00	(Max.)	mm
C	14.00	(Max.)	mm
D	2.60	(Nom.)	mm
E	4.40	(Nom.)	mm
F	1.10	± 0.20	mm
G	1.00	± 0.30	mm

2. Electrical Characteristics:

- 1> Open Circuit Inductance (OCL): 1000.0nH±15% at 100KHz, 0.25Vrms, 0Adc, at 25°C.
- 2> Isat1 @25°C: 32.0A, Isat2 @75°C: 26.0A, Isat3 @100°C: 25.0A, DC current that will cause inductance to drop approximately by 20%.
- 3> Irms: 27.0A, DC current that causes an approximate temperature rise (ΔT) of 40°C.
- 4> DCR: 1.19±10mΩ ($T_a=25^\circ\text{C}$).

3. Inductance Characteristics (Inductance vs. Current):



Notes:

1. T & R Qtys: 250 pcs, 13" Reel.
2. Operating Temperature Range -55°C to +130°C
3. RoHS and HF Compliance Component

REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
A	08/03/15	NEW	Eva
B			
C			
D			
E			
F			

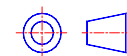
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN mm.

TOLERANCES

2PL ± 0.3

3PL ± 0.15

Third Angle Projection



Inter-Technical Group

L101161A-1R0LHF

Inductor, 1000.0nH, 32.0A, 1.19mΩ DCR

DWG. NO.

L101161A-1R0LHF

SCALE: 1/1

SHEET

REV.

A

1 OF 1

