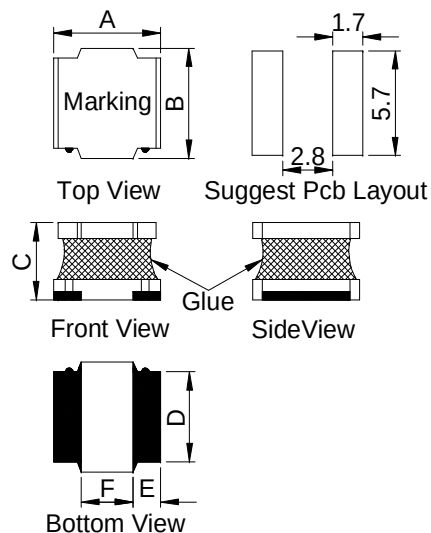


1. Mechanical Dimensions (in mm):

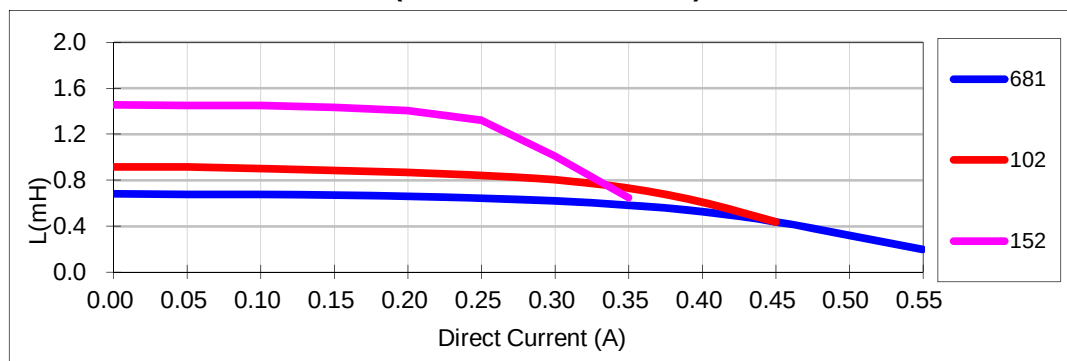


A	6.0	±	0.3	mm
B	6.0	±	0.3	mm
C	4.5		(Max.)	mm
D	4.9	±	0.3	mm
E	1.55	±	0.3	mm
F	2.9	±	0.3	mm

2. Electrical Characteristics (Ta=25°C):

ITG Part Number	OCL ¹ (mH) ± 20%	DCR (Ω) Max.	Isat ² (A) @25°C	Irms ³ (A) @25°C
BI6345-681MHF	0.68	3.60	0.40	0.30
BI6345-102MHF	1.00	4.20	0.23	0.24
BI6345-152MHF	1.50	7.80	0.24	0.21

3. Inductance Characteristics (Inductance vs. Current):



NOTES:

- 1> Open Circuit Inductance (OCL):100KHz,1.0Vrms,0Adc.(Ta=25°C).
- 2> Isat:DC current that will cause inductance to drop approximately by 30%.
- 3> Irms:DC current that causes an approximate temperature rise (ΔT) of 40°C.
- 4> T & R Qtys: 1000 pcs , 13" Reel.
- 5> Operating temperature: -40°C to + 125°C .
- 6> Rohs and HF Compliance Component.

REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
P1	05/12/17	NEW	Billy Tang

UNLESS OTHERWISE SPECIFIED

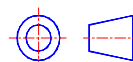
DIMENSIONS ARE IN mm.

TOLERANCES

2PL ± 0.3

3PL ± 0.15

Third Angle Projection



ITG Electronics, Inc.

BI6345 Series

Inductor,xxmH,xxA,xxΩ DCR

DWG. NO.

BI6345 Series

SCALE: 1/1

SHEET

1 OF 1



REV.

P1