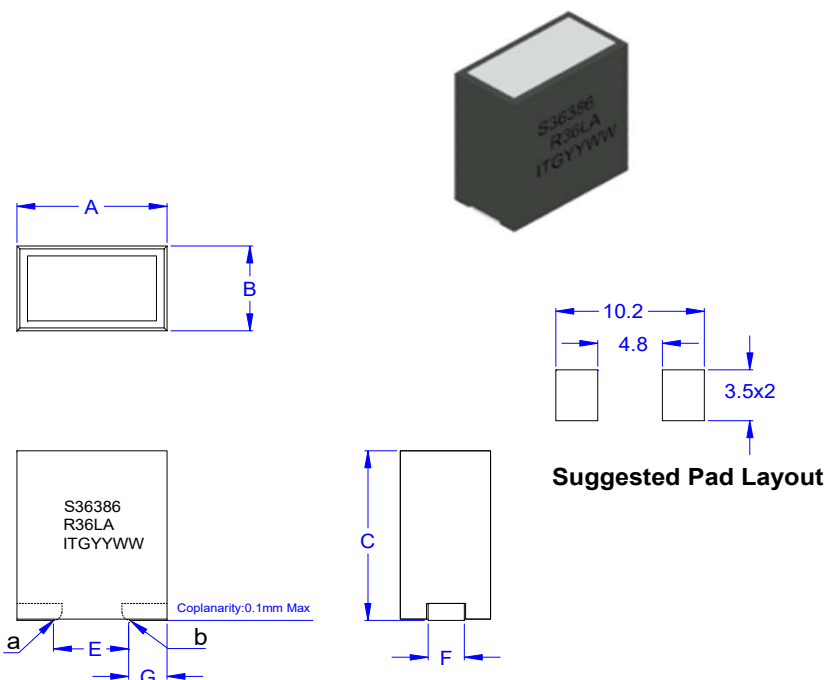


1. Mechanical Dimensions (in mm):

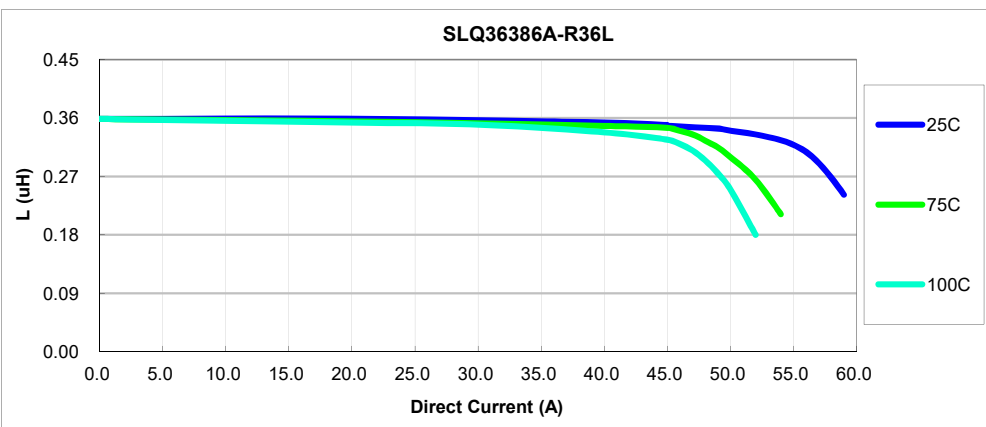


A	9.00	Max.	mm
B	6.00	Max.	mm
C	9.50	Max.	mm
E	5.40	± 0.30	mm
F	3.00	± 0.20	mm
G	1.70	± 0.30	mm

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

- 1> Open Circuit Inductance (OCL) :0.36uH±15% at 500KHz, 0.25Vrms, 0Adc, at 25°C.
- 2> Isat1 @25°C: 55.0A, Isat2 @75°C: 50.0A, Isat3 @100°C: 47.0A, DC current that will cause inductance to drop approximately by 20%.
- 3> L @ Isat: 0.25uH Min. at Isat1=55.0A.
- 4> Irms: 21.0A , DC current that causes an approximate temperature rise (ΔT) of 40°C.
- 5> DCR: 1.30mohm Typical, 1.5mohm Max.(Ta=25°C).

3. Inductance Characteristics (Inductance vs. Current):



NOTES:

- 1> Reel Qty: 500 pcs / Reel.
- 2> Operating temperature: -55°C to + 130°C .
- 3> Operating frequency up to 2.0 MHz application.
- 4> Rohs and HF Compliance Component.
- 5> Storage conditions: -40°C~85°C ,75%RH (Max.).

REVISION HISTORY	DATE	DESCRIPTION	APPROVED
A.1	9/23/2019	New	Eva Zhong

UNLESS OTHERWISE SPECIFIED

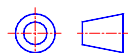
DIMENSIONS ARE IN mm.

TOLERANCES

2PL ± 0.50

3PL ± 0.35

Third Angle Projection



ITG Electronics, Inc.

SLQ36386A-R36L

Ind, 0.36uH, 55.0A, 1.3mΩ DCR

DWG. NO.

SLQ36386A-R36L

SCALE: 1/1

SHEET

REV.

A.1

1 OF 1

