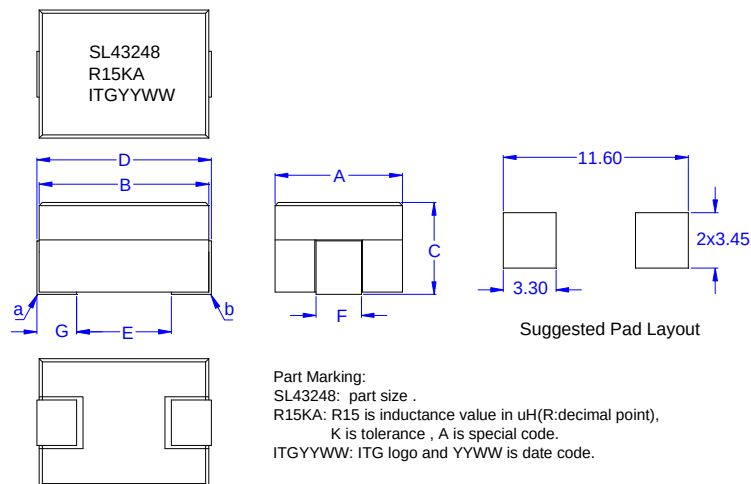
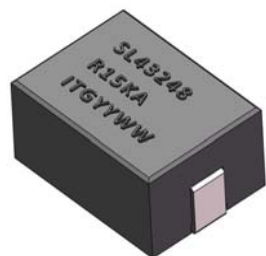


1. Configuration & Dimensions (in mm):

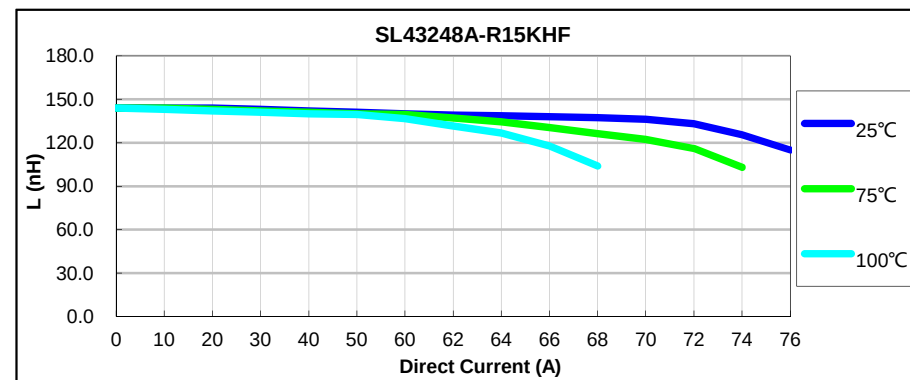


A	8.00	(Max.)	mm
B	10.95	(Max.)	mm
C	6.00	(Max.)	mm
D	11.00	(Max.)	mm
E	6.00	(Nom.)	mm
F	2.85	± 0.25	mm
G	2.00	± 0.35	mm

2. Electrical Characteristics:

- 1> Open Circuit Inductance (OCL): $150\text{H} \pm 10\%$ at 100KHz, 0.1Vrms, 0Adc, at 25°C.
- 2> Saturation Point: 65.0ADC @ 25°C , 58ADC @ 75°C , 56.0ADC @ 100°C , this DC current that will cause inductance to drops approximately by 20%.
- 3> Irms: 65.0A , DC current that causes an approximate temperature rise (ΔT) of 40°C.
- 4> DCR: $0.195 \pm 5\%$ m Ω measured from point "a" to point "b", as shown above on the mechanical drawing($T_a=25^\circ\text{C}$).

3. Inductance Characteristics (Inductance vs. Current):



Notes:

- 1> T & R Qtys: 800 pcs , 13" Reel.
- 2> Operating Temperature Range -55°C to + 130°C
- 3> Rohs and HF Compliance Component
- 4> Operating frequency up to 1.0 MHz.

REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
A	2015/7/20	NEW	DavidWong
B			
C			
D			
E			
F			

UNLESS OTHERWISE SPECIFIED

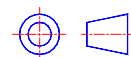
DIMENSIONS ARE IN mm.

TOLERANCES

2PL ± 0.3

3PL ± 0.15

Third Angle Projection



Inter-Technical Group

SL43248A-R15KHF

Power Bead,150nH,65.0A,0.195m Ω DCR

DWG. NO.

SL43248A-R15KHF

SCALE: 1/1

SHEET

1 OF 1



REV.
A