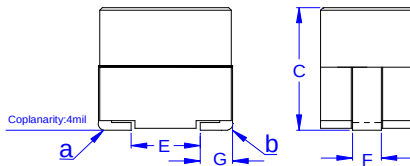
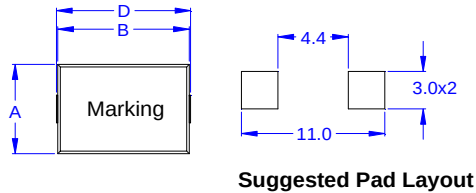


1. Configuration & Dimensions (in mm):

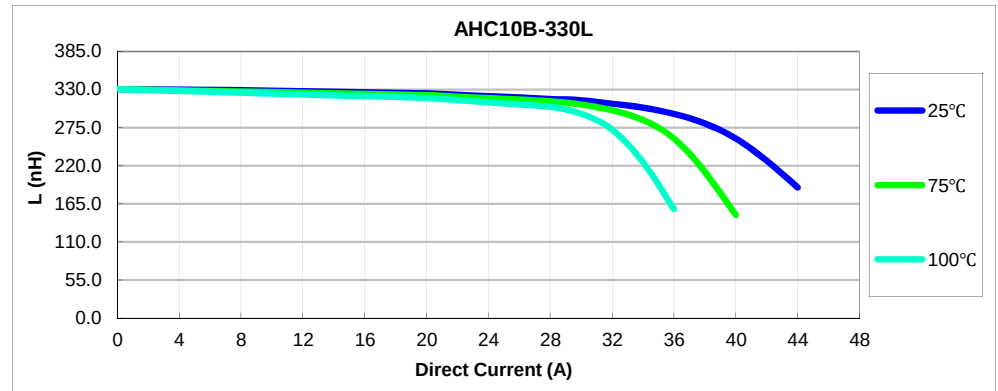


A	7.00	(Max.)	mm
B	10.10	± 0.3	mm
C	10.00	(Max.)	mm
D	10.60	(Max.)	mm
E	4.80	± 0.20	mm
F	2.50	± 0.20	mm
G	2.70	± 0.20	mm

2. Electrical Characteristics:

- 1> Open Circuit Inductance (OCL): 330nH±15% at 500KHz, 0.25Vrms, 0Adc, at 25°C.
- 2> Isat1 @25°C: 35.0A , Isat2 @75°C: 31.0A, Isat2 @100°C: 30.0A DC current that will cause inductance to drop approximately by 30%.
- 3> Irms: 41.0A , DC current that causes an approximate temperature rise (ΔT) of 40°C.
- 4> DCR: 0.40m Ω ± 5% (Ta=25°C).

3. Inductance Characteristics (Inductance vs. Current):



Notes:

1. T & R Qtys: 350 pcs , 13" Reel.
2. Operating Temperature Range -55°C to + 130°C
3. RoHS and HF Compliance Component

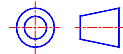
REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
A	07/11/15	NEW	Eva
B	07/29/15	DCR tolerance ±10%, C dimension: 9.8mm max.	Andrew
C	06/14/16	revise A dimension = 7mm C= 10mm max. DCR tolerance to 5%	Martin
D			
E			
F			

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN mm.

TOLERANCES
2PL ± 0.3
3PL ± 0.15

Third Angle Projection



Inter-Technical Group

AHC10B-330L

Inductor, 330nH, 41.0A, 0.40m Ω DCR

DWG. NO.

AHC10B-330L

SCALE: 1/1

SHEET

REV.

C

1 OF 1