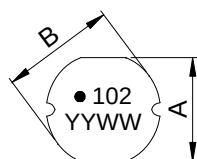
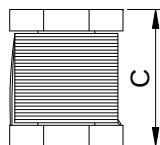


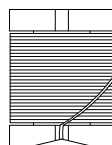
1. Configuration & Dimensions (in mm):



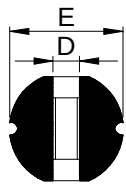
Top View



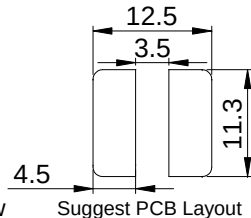
Front View



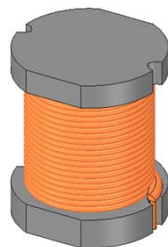
Side View



Bottom View



Suggest PCB Layout

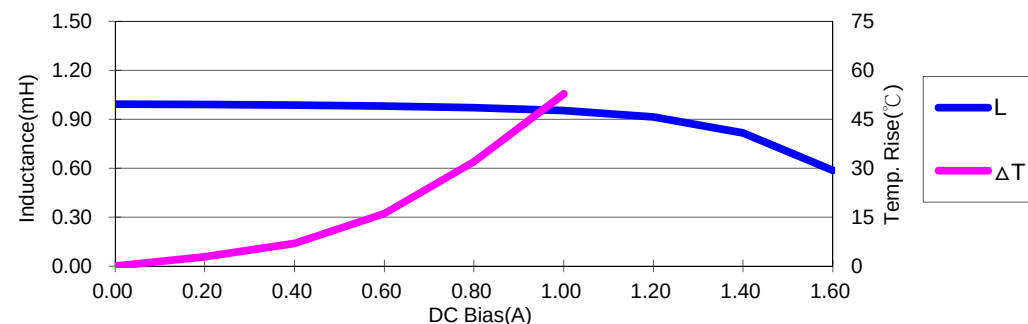


A	11.0	±	0.3	mm
B	12.0	±	0.3	mm
C	14.5	±	0.5	mm
D	3.5		(Ref.)	mm
E	12.0	±	0.5	mm

2. Electrical Characteristics::

- 1> Open Circuit Inductance (OCL): 1.0mH±10% at 100KHz,0.25vrms,0Adc (Ta=25°C).
- 2> Isat: 1.2A , DC current that will cause inductance to drops approximately by 10%.
- 3> Irms: 0.9A , DC current that causes an approximate temperature rise (ΔT) of 40°C.
- 4> DCR: 0.79 Ω Typical (0.95 Ω Max.) Ta=25°C.

3. Inductance Characteristics:



NOTES:

- 1> T & R Qty: 150 pcs per reel.
- 2> Operating Temperature Range -55°C to +125°C.
- 3> RoHS and HF Compliance Component.
- 4> " " on core denotes start terminal.
- 5> YY:Year, WW:Week.

REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
1.0	07/11/15	NEW	Billy Tang
1.1			
1.2			
1.3			
1.4			
1.5			

UNLESS OTHERWISE SPECIFIED

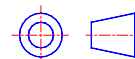
DIMENSIONS ARE IN mm.

TOLERANCES

2PL ± 0.3

3PL ± 0.15

Third Angle Projection



Inter-Technical Group

BI4759-102KHF

1.0mH, 1.2A, 0.95 Ω DCR Inductor

DWG. NO.

BI4759-102KHF

SCALE: 1/1

SHEET

1 OF 1



REV.

1.0