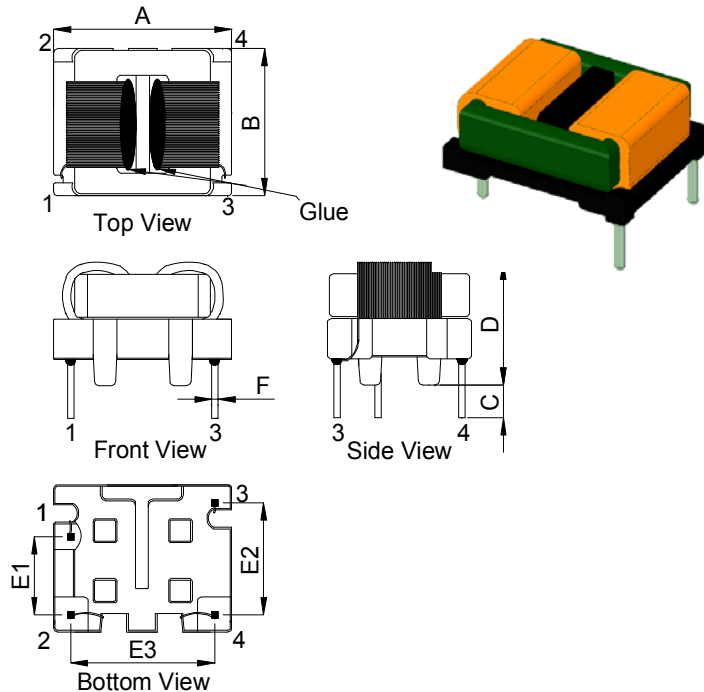


1. Mechanical Dimensions (in mm):

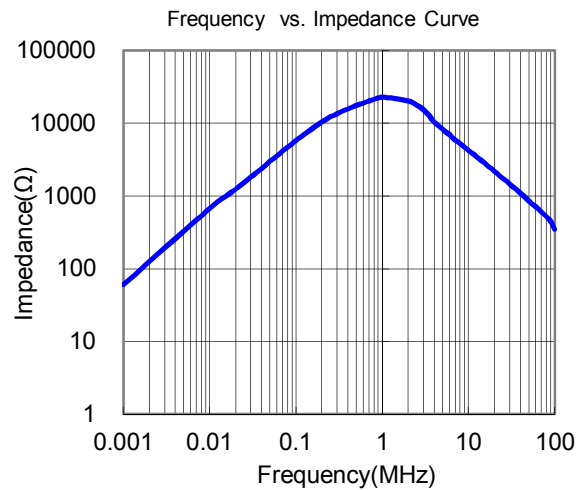


A	21.0	(Max.)	mm
B	17.0	(Max.)	mm
C	3.8	± 0.5	mm
D	14.0	(Max.)	mm
E1	9.0	± 0.5	mm
E2	12.9	± 0.5	mm
E3	17.0	± 0.5	mm
F	0.75	+0.15 -0.1	mm

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

- 1>.OCL (Pin2-1/ Pin4-3): 10.5mH+/-30% at 16KHz 1V (Ta=25°C).
- 2>.Different Inductance | L1-L2 |: ≤146.0uH at 16KHz 1V (Ta=25°C).
- 3>.DCR (Pin2-1/ Pin4-3): 180.0mΩ Max. (Ta=25°C).
- 4>.Irated:1.8A Max .(ΔT =40 °C)
- 5>.Rated voltage: 250 VAC.
- 6>.Hi-pot Test: AC1800V 5mA 2Sec 50Hz/60Hz (Coil to Coil).
- 7>.Insulation Resistance: 100MΩ Min (Coil to core) at 500VDC.
- 8>.Operating temperature: -25 to + 120°C .

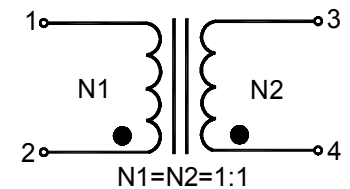
3. Impedance vs. Frequency Characteristics:



NOTES:

- 1>. Irate is defined as the applied current level that causes an approx.40 °C temperature rise without force air flow.
- 2>. Rohs and HF Compliance Component.

4. Schematic:



REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
1.0	10/13/15	NEW	Mary Yang
1.1			
1.2			
1.3			
1.4			
1.5			

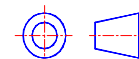
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN mm.

TOLERANCES

1PL ± 0.50

2PL ± 0.30

Third Angle Projection



Inter-Technical Group

Common Mode Choke

10.5mH,1.8 Amp, 180.0mΩ

DWG. NO.

DCM211714H-103NHF

SCALE: 1/1

SHEET

1 OF 1

