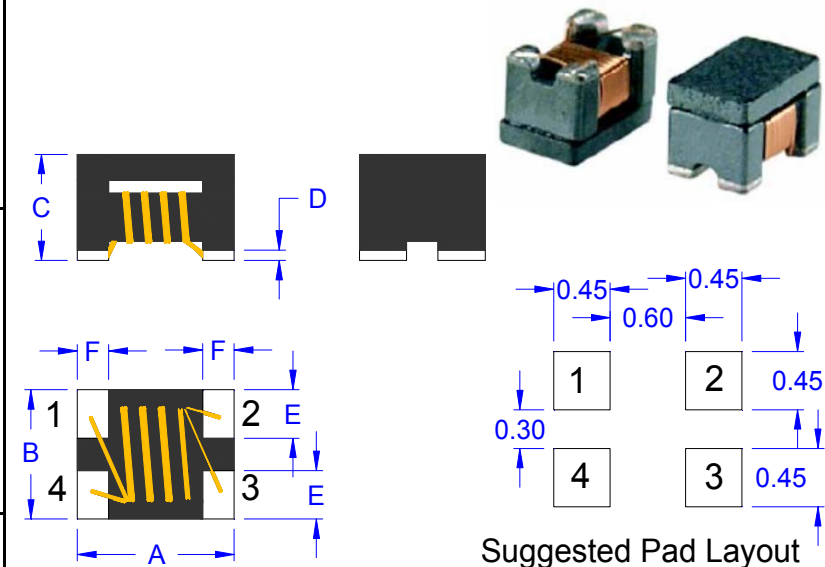


1. Configuration & Dimensions (in mm):



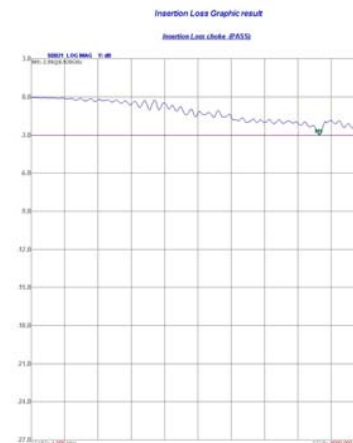
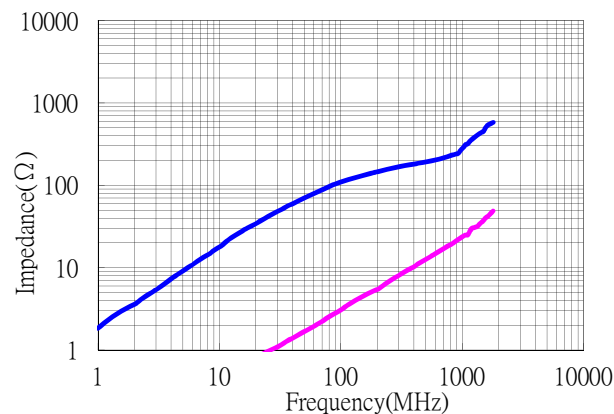
Suggested Pad Layout

A	1.20	±	0.20	mm
B	1.00	±	0.20	mm
C	0.90		Max.	mm
D	0.15		Max.	mm
E	0.36		typical	mm
F	0.33		typical	mm

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

- 1> Common Mode Impedance(Z): 120.0Ω ± 20% at 100MHz.(Agilent 4291A Impedance Analyzer)
- 2> Rated Current: 140mA (270mA MAX.)
- 3> DCR: 0.55 Ω MAX (Ta=25°C).
- 4> Rated Voltage: 15Vdc typical. Withstanding Voltage: 20Vdc
- 5> Insulation Resistance: 100MΩ MIN.
- 6> Cut-off Frequency: 6.0 typical GHz.

3. Typical Impedance vs. Frequency Characteristics and Cut off Frequency(Ref.):



Notes:

- 1> T & R Qtys: 3000 pcs , 7" Reel.
- 2> Operating Temperature Range -40°C to + 85°C.
- 3> Storage Temperature Range -40°C to + 85°C,70%RH MAX.
- 4> Rohs and HF Compliance Component.

REVISION HISTORY

REV	DATE	DESCRIPTION	APPROVED
P1	01/26/16	NEW	DavidWong
P2			
P3			
P4			
P5			
P6			

UNLESS OTHERWISE SPECIFIED

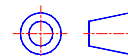
DIMENSIONS ARE IN mm.

TOLERANCES

2PL ± 0.10

3PL ± 0.05

Third Angle Projection



Inter-Technical Group

FM0504A-121MHF

Chip Common Mode Choke
120Ω,270mA,0.55Ω DCR

DWG. NO.

FM0504A-121MHF

SCALE: 1/1

SHEET

REV.
P1

1 OF 1