

C201371A Series



1. Features of C201371A Series :

- Compact Design 15.00 × 7.50mm Max.(L×W),16.00mm Max. Height CMC.
- Inductance range: 0.40mH~11.0mH,Custom values are welcomed.
- AC common mode noise filter for Power Supplies and Lighting Application.
- Rated Voltage: 250VAC.
- Dielectric strength:1500Vrms,winding to winding.
- UL 94 V-0 Material.
- Operating temperature: -40 to +125°C.
- RoHS Compliant Components.

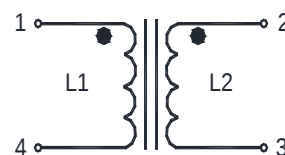
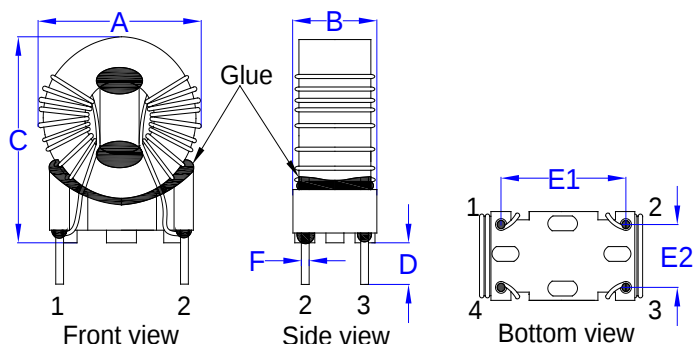


2. Electrical Characteristics of C201371A Series:

ITG Part Number	OCL ¹ (PIN1-4 / 2-3) (mH) +50% / -30%	OCL ¹ L1-L2 (uH) Max.	DCR (mΩ) Max. @25°C	I _{rated} ² (A) Max. @25°C	Dim. A (mm) Max.
C201371A-401U	0.40	81.00	20.00	4.50	15.00
C201371A-501U	0.50	100.00	30.00	3.50	15.00
C201371A-102U	1.00	135.00	50.00	2.50	14.00
C201371A-162U	1.60	171.50	90.00	2.00	14.00
C201371A-302U	3.00	243.50	125.00	1.60	14.00
C201371A-502U	5.00	316.00	180.00	1.30	14.00
C201371A-802U	8.00	388.00	300.00	1.00	14.00
C201371A-113U	11.00	442.00	380.00	0.90	14.00

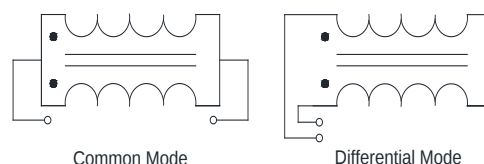
3. Mechanical Dimension of C201371A Series (Unit:mm):

A Max.	B Max.	C Max.	D ±0.50	E1 ±0.50	E2 ±0.50	F Nom.
See table above	7.50	16.00	3.00	10.00	4.50	Φ0.70

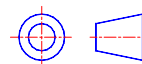


SCHEMATIC DIAGRAM

Impedance vs Frequency test setup



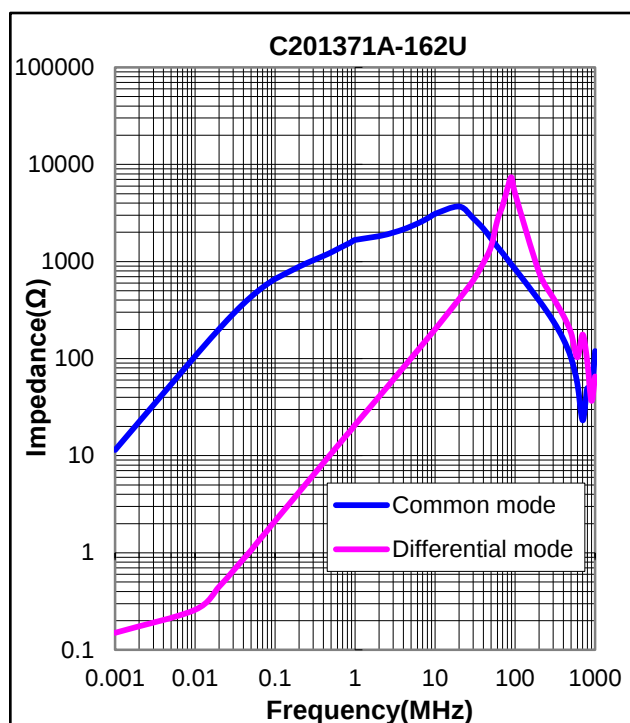
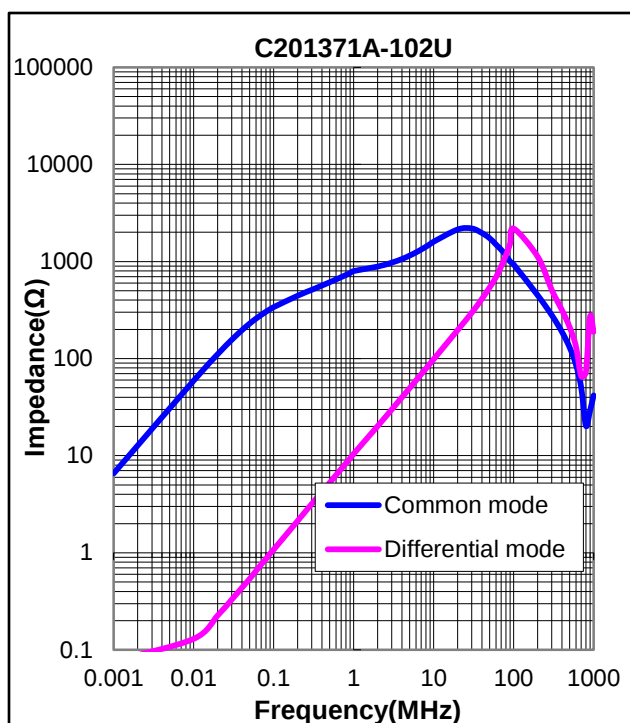
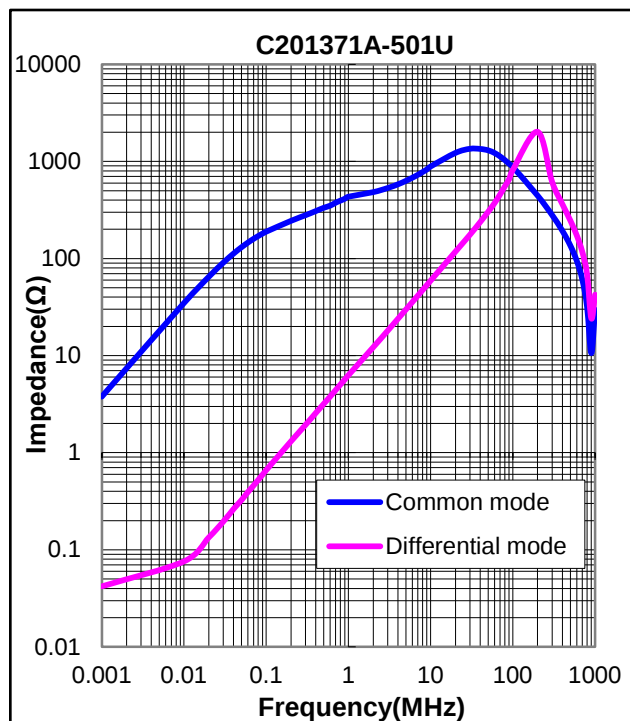
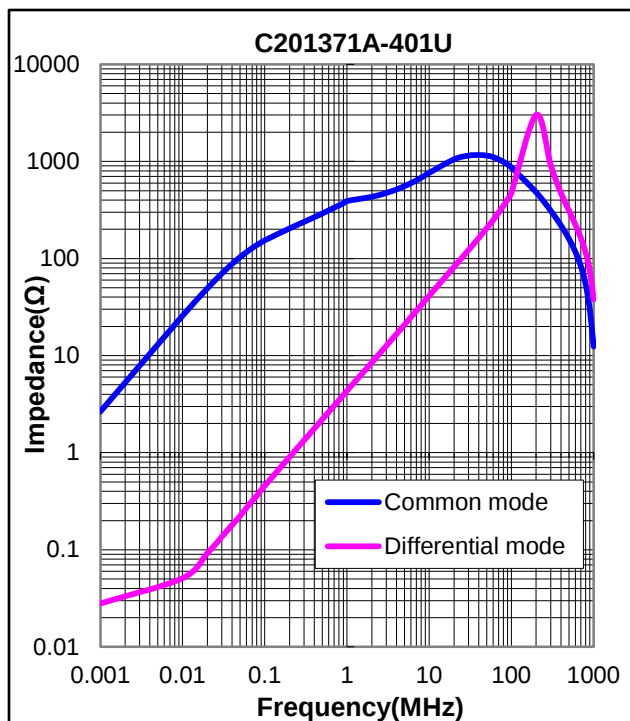
Third Angle Projection:



Notes:

1. Open Circuit Inductance (OCL) measured at 10KHz, 0.1mA @ 25°C.
2. I_{rated}: I_{rated} is defined as the applied current level that cause 40 °C temperature rise without force air flow.
3. Impedance measures with both windings in parallel and at ambient temperature(25°C).

4. Impedance vs Frequency Curve of C201371A Series :



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