C201371B Series

1. Features of C201371B Series :

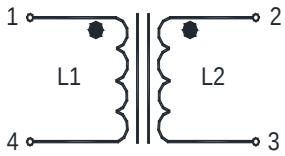
- Compact Design 15.00 × 7.50mm Max.(L×W),16.00mm Max. Height CMC.
- Inductance range: 0.40mH～11.0mH,Custom values are welcomed.
- AC common mode noise filter for Power Supplies and Lighting Application.
- Rated Voltage: 300VAC.
- Dielectric strength:2100Vrms,winding to winding.
- UL 94 V-0 Material.
- Operating temperature: -55 to +125℃.
- RoHS Compliant Components.

2. Electrical Characteristics of C201371B Series:

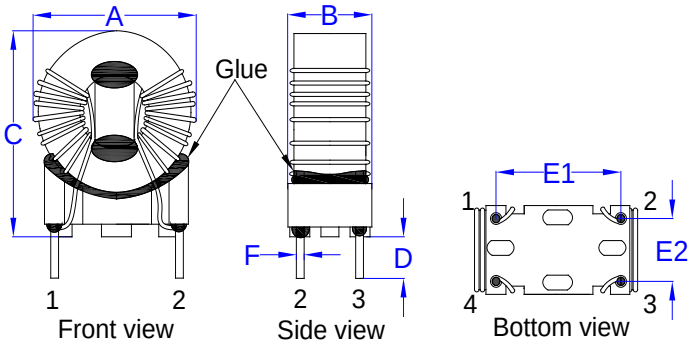
ITG Part Number	OCL [1] (PIN1-4 / 2-3) (mH) +50% / -30%	OCL [1] |L1-L2| (uH) Max.	DCR (mΩ) Max. @25℃	Irated [2] (A) Max. @25℃	Dim. A (mm) Max.
C201371B-401U	0.40	81.00	20.00	4.50	15.00
C201371B-501U	0.50	100.00	30.00	3.50	15.00
C201371B-102U	1.00	135.00	50.00	2.50	14.00
C201371B-162U	1.60	171.50	90.00	2.00	14.00
C201371B-302U	3.00	243.50	125.00	1.60	14.00
C201371B-502U	5.00	316.00	180.00	1.30	14.00
C201371B-802U	8.00	388.00	300.00	1.00	14.00
C201371B-113U	11.00	442.00	380.00	0.90	14.00

3. Mechanical Dimension of C201371B Series (Unit:mm):

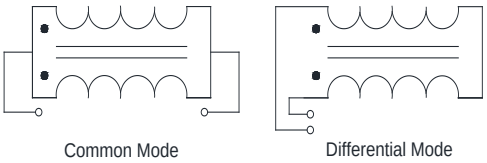
A Max.	B Max.	C Max.	D ±0.50	E1 ±0.50	E2 ±0.50	F Nom.
See table above	7.50	16.00	3.00	10.00	4.50	Φ0.70

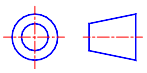


SCHEMATIC DIAGRAM



Impedance vs Frequency test setup



Third Angle Projection: 

Notes:

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

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Revision A.0: October 22, 2024

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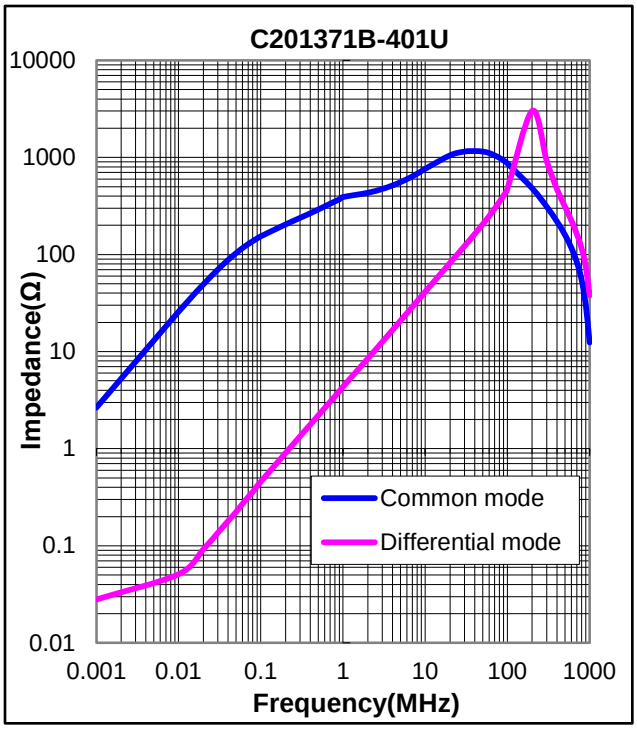
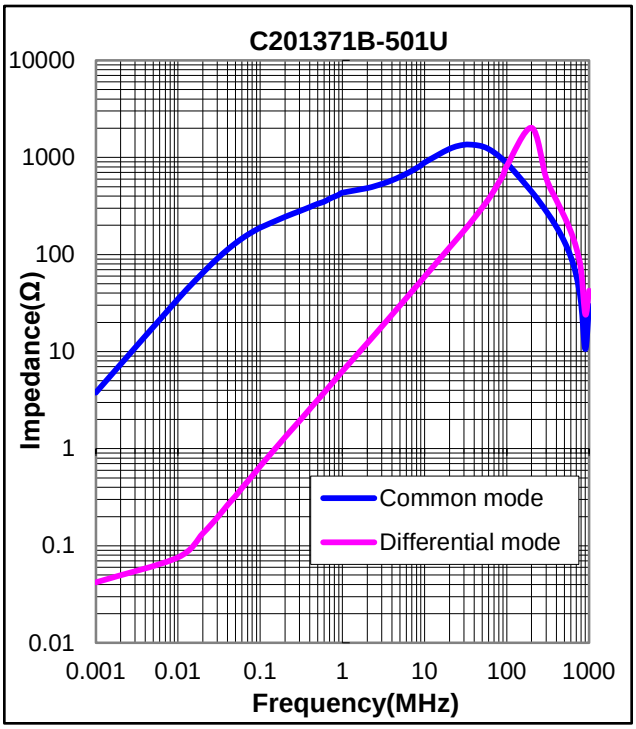
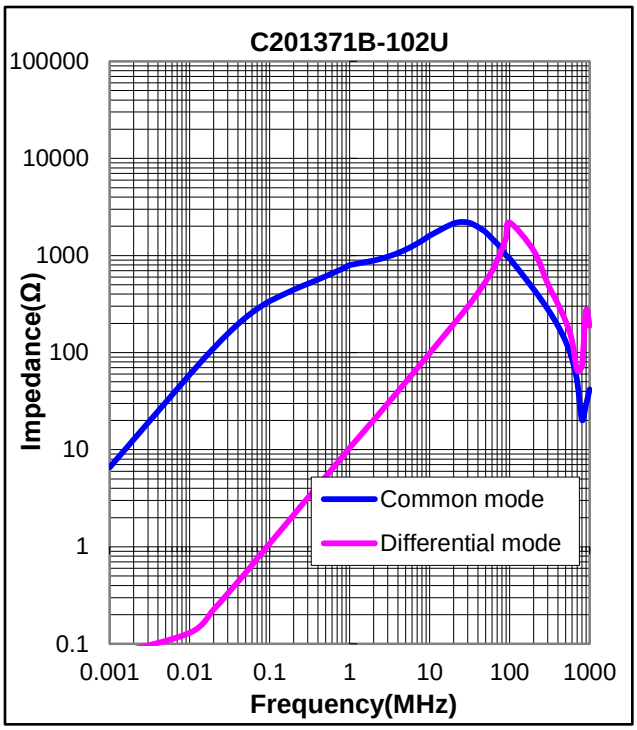
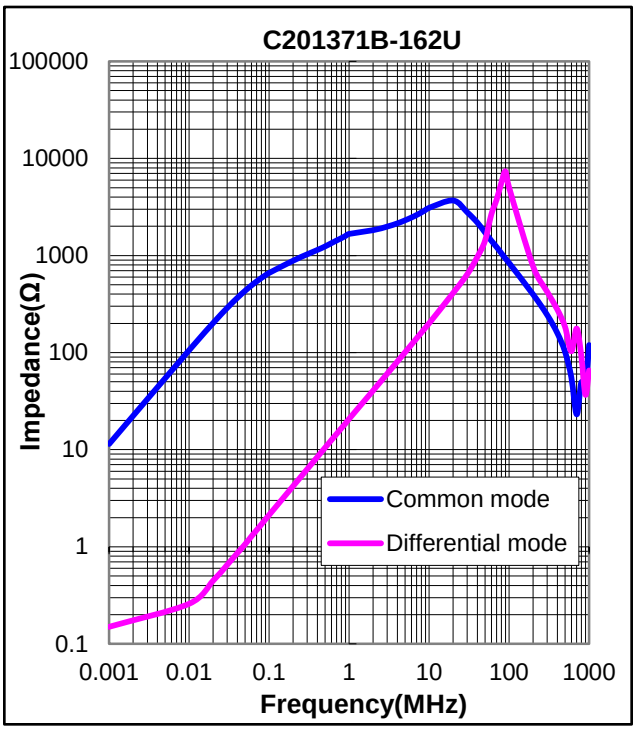
C201371B Series

4. Impedance vs Frequency Curve of C201371B Series :









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C201371B Series

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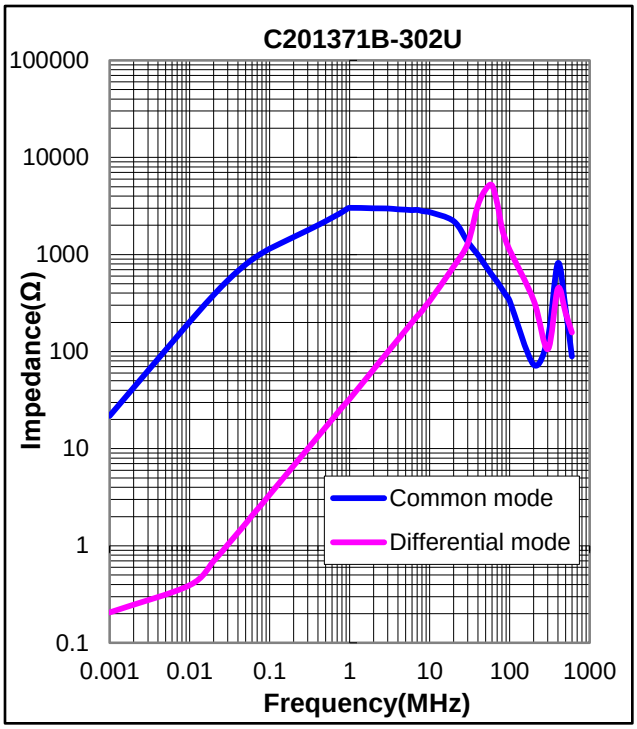

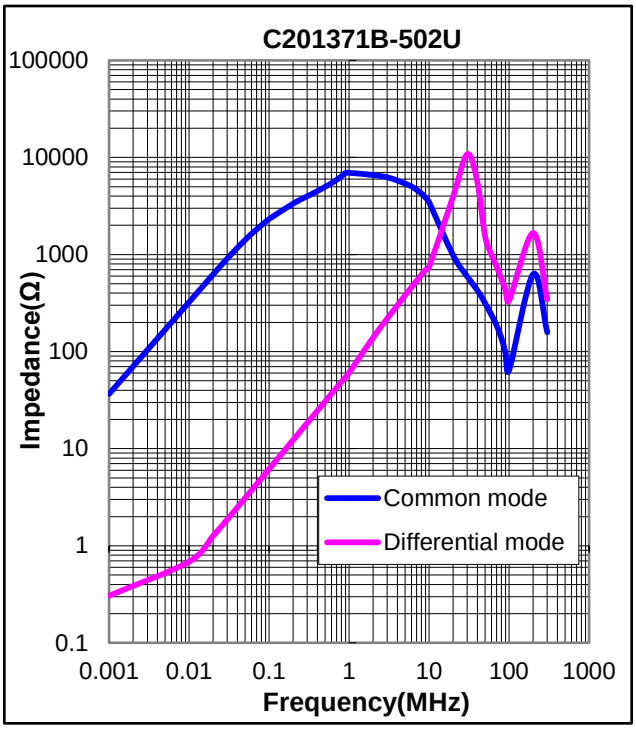

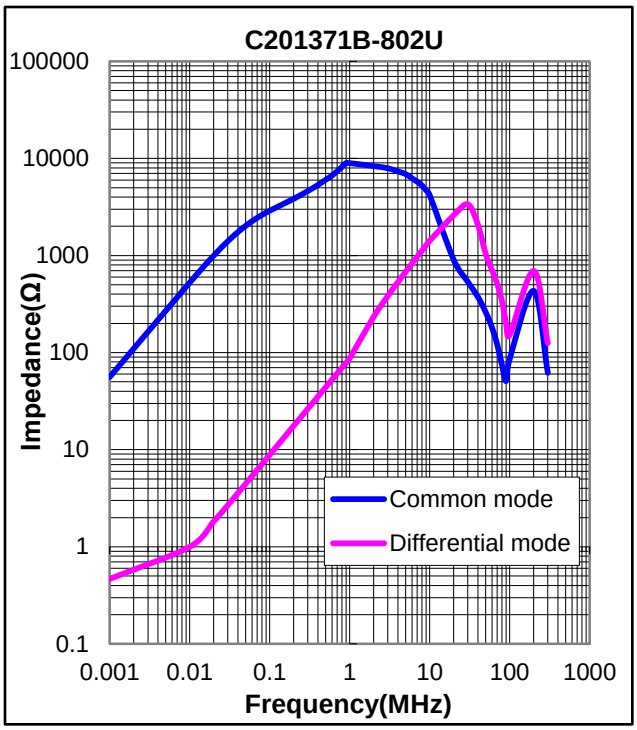

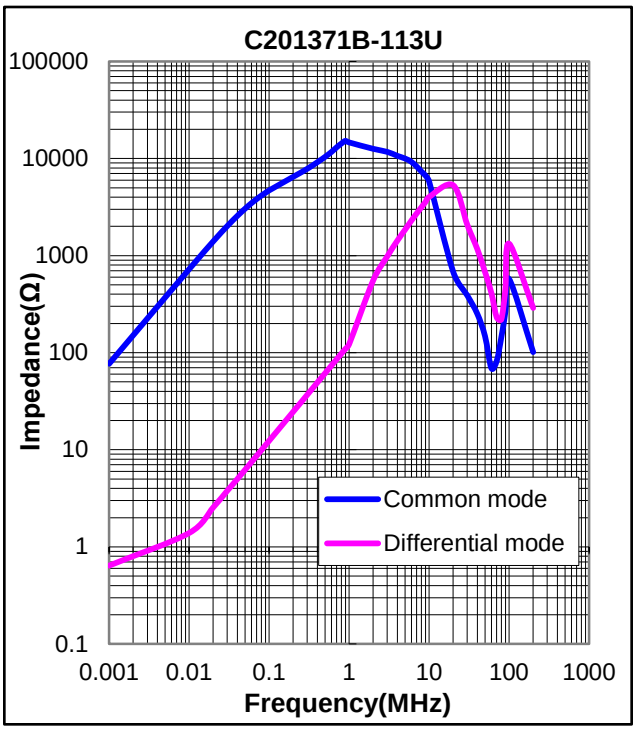

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