

1. Features of C201426A Series :

- 15.50 × 8.00mm Max.(L×W),18.00mm Max. Height.
- Inductance range: 1.0mH~39.0mH,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 & HF Compliant Components.

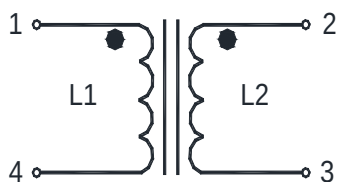


2. Electrical Characteristics of C201426A Series:

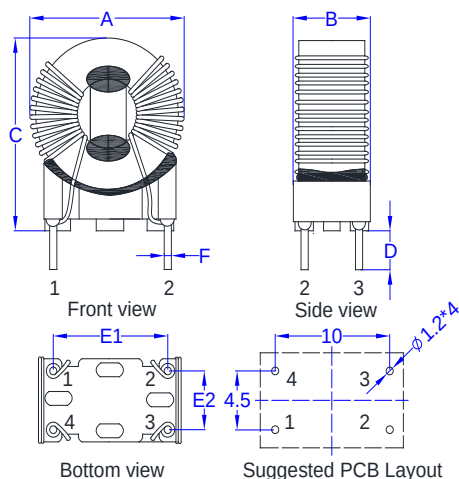
ITG Part Number	OCL ¹ (PIN1-4 / 2-3) (mH) ± 30%	OCL ¹ [L1-L2] (uH) Max.	DCR (mΩ) Max. @25°C	Irated ² (A) Max.	Dim. A (mm) Max.	Dim. B (mm) Max.
C201426A-102NHF	1.00	68.00	45.00	2.00	15.00	7.50
C201426A-402NHF	4.00	167.00	110.00	1.50	15.50	8.00
C201426A-502NHF	5.00	187.00	205.00	1.00	15.00	7.80
C201426A-103NHF	10.00	211.00	350.00	0.70	15.50	8.00
C201426A-203NHF	20.00	345.00	910.00	0.50	15.00	7.80
C201426A-393NHF	39.00	473.00	2700.00	0.30	15.00	7.50

3. Mechanical Dimension of C201426A Series (Unit:mm):

A Max.	B Max.	C Max.	D ±0.50	E1 ±0.50	E2 ±0.50	F Ref.
See table above	See table above	18.00	3.00	10.00	4.50	Φ0.70



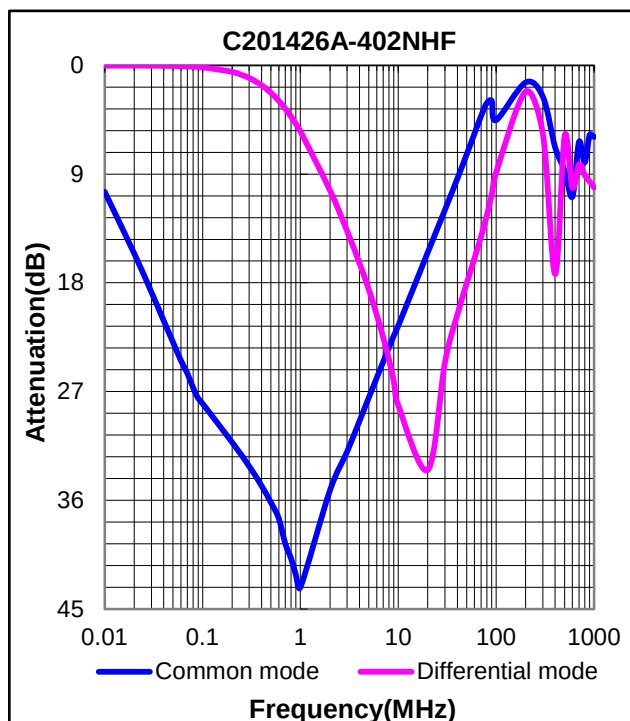
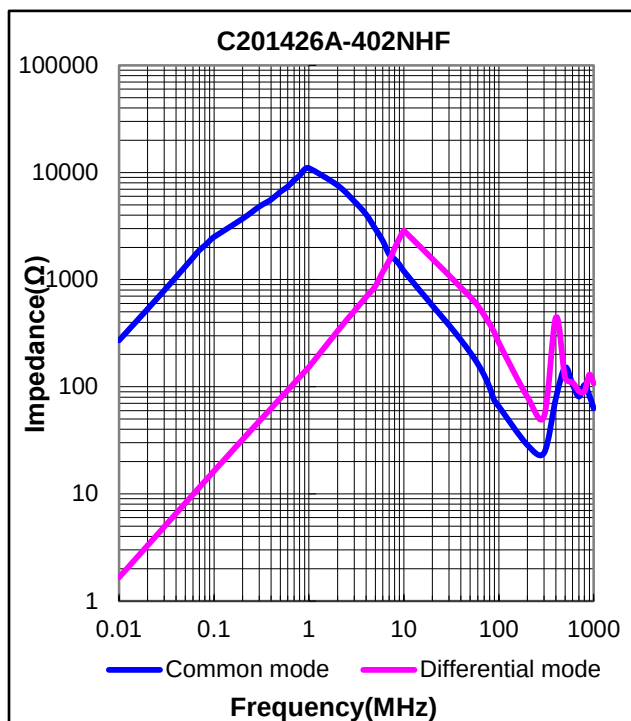
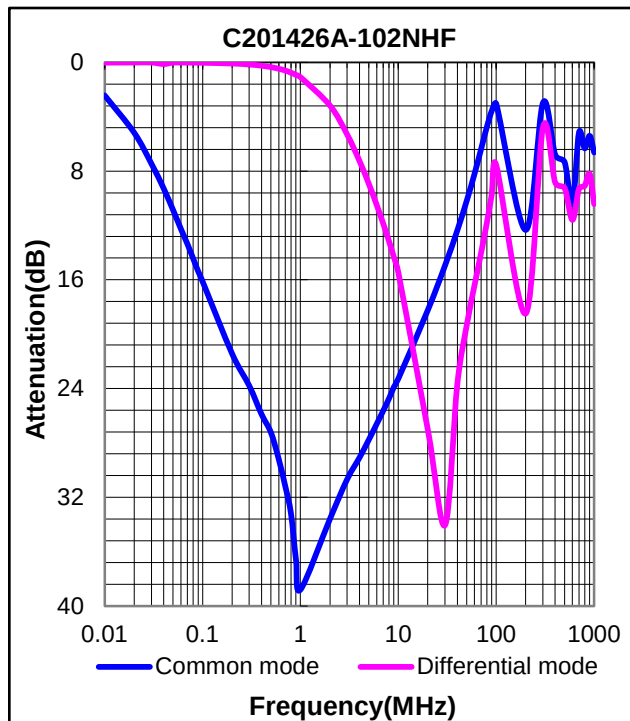
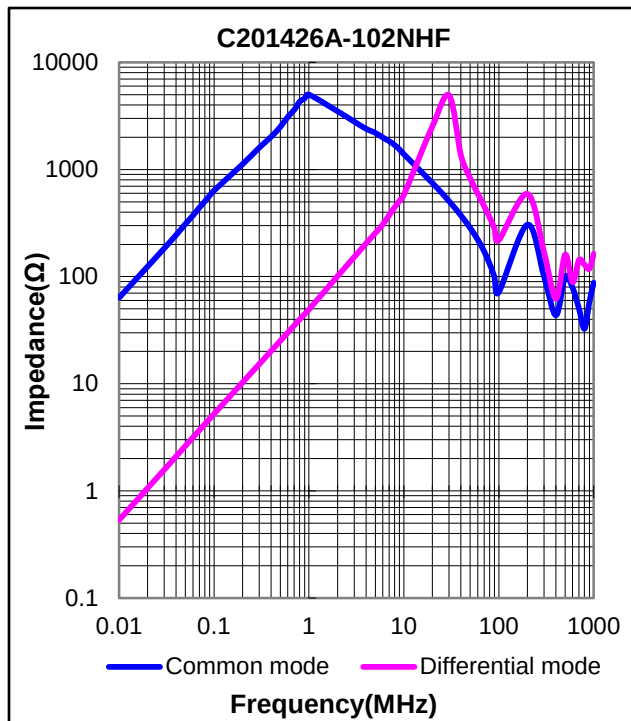
SCHEMATIC DIAGRAM



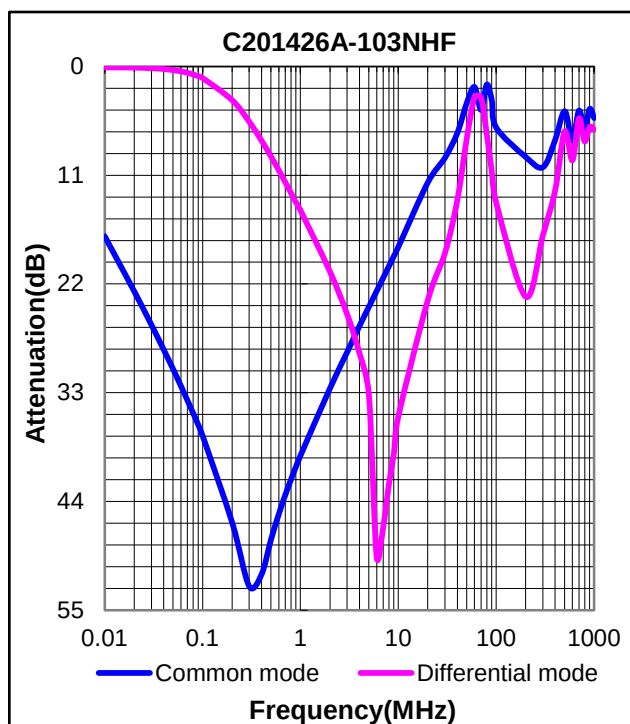
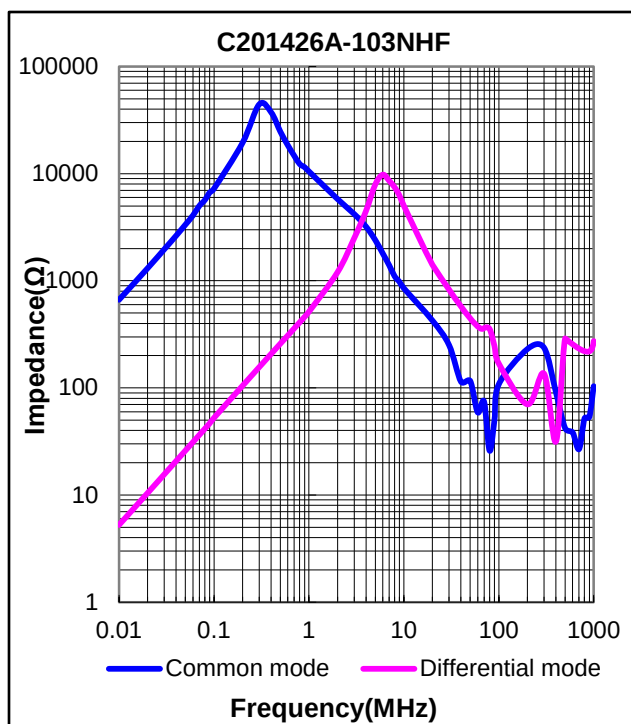
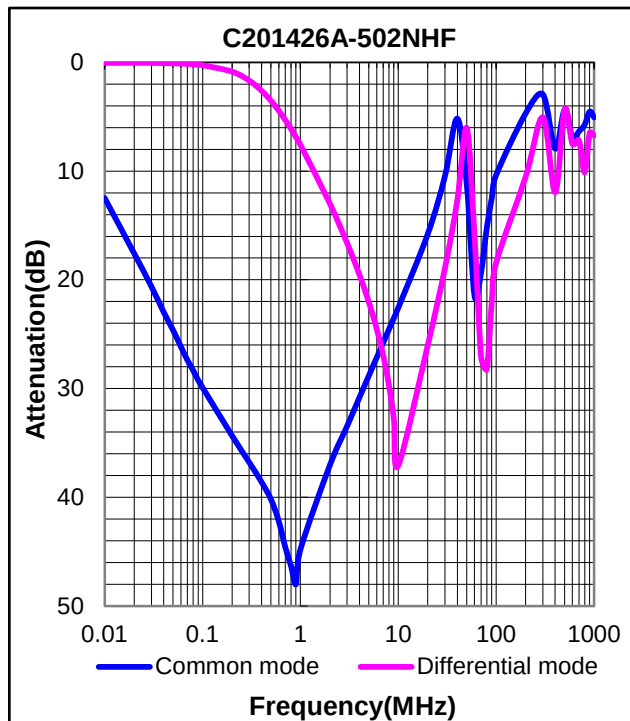
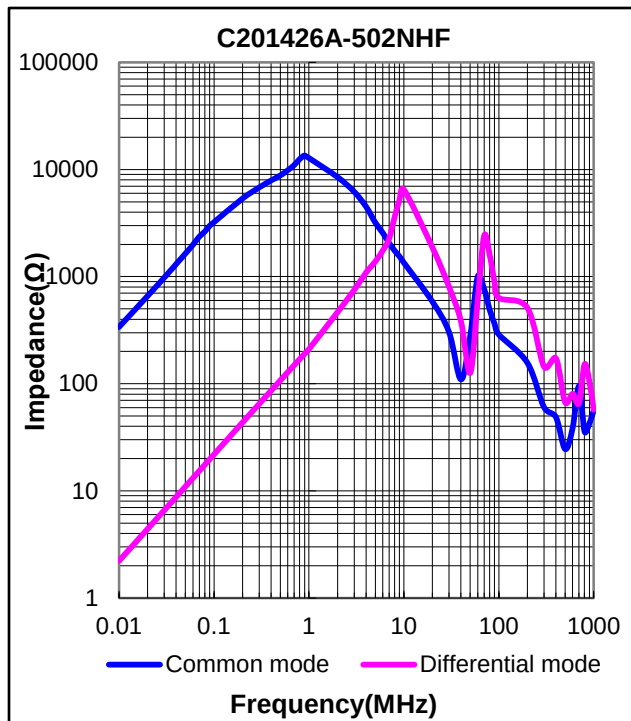
Notes:

1. Open Circuit Inductance (OCL) measured at 10KHz,0.1mA @ 25°C.
2. Irated: Irate is defined as the applied current level that cause 40 °C temperature rise without force air flow.

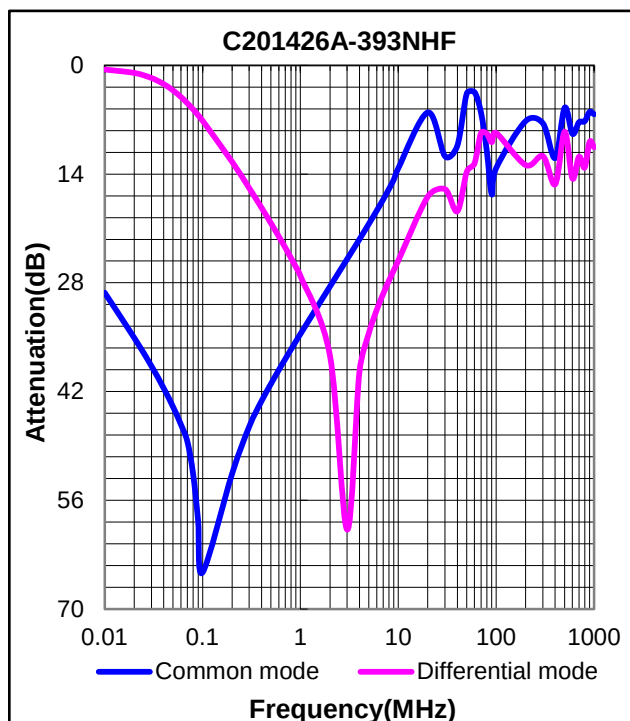
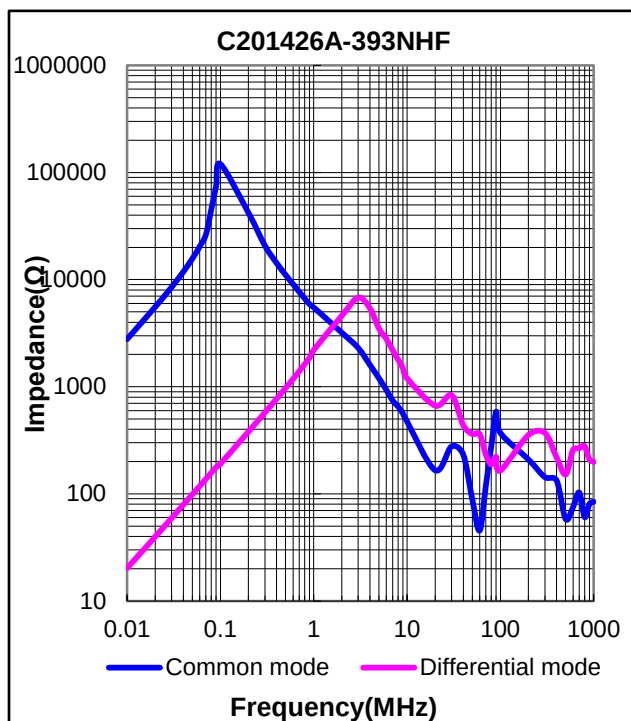
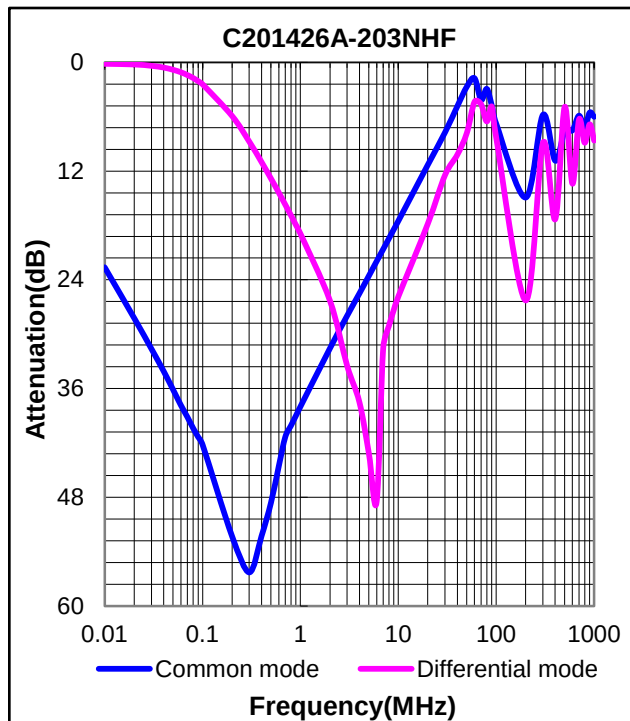
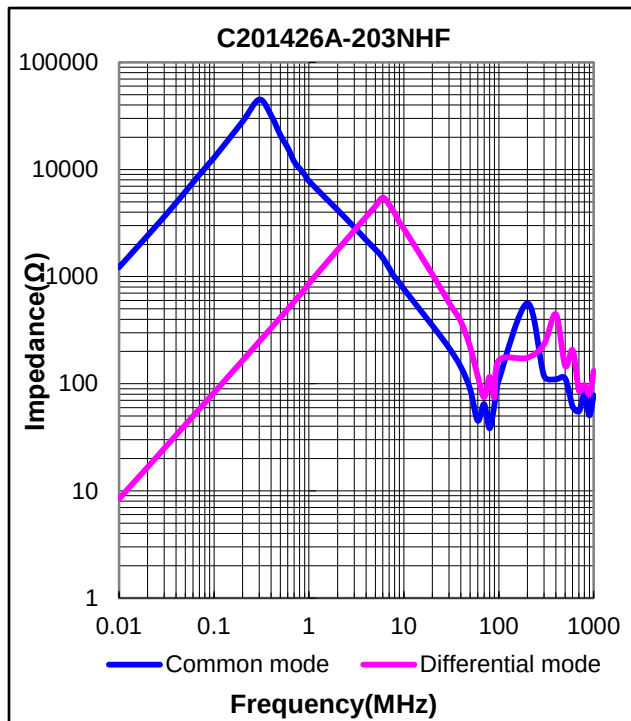
4. Typical Impedance and Typical Attenuation vs Frequency Curve of C201426A Series :



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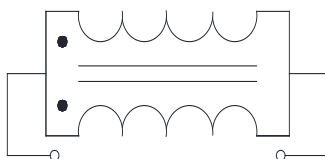




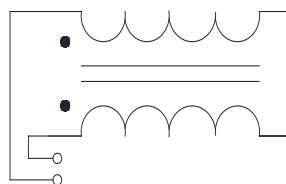
C201426A Series



Test setup :



Common Mode



Differential Mode