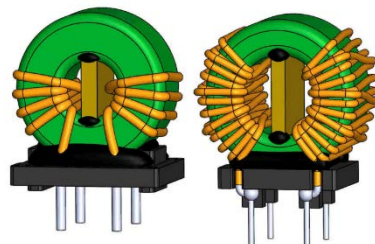


1. Features of C201540A Series :

- 24.00 × 16.00mm Max.(L×W),25.50mm Max. Height.
- Inductance range: 0.2mH~20.0mH,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 C201540A 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.
C201540A-201NHF	0.20	54.00	3.50	12.00
C201540A-301NHF	0.30	64.00	4.60	10.00
C201540A-521NHF	0.52	84.00	7.50	8.00
C201540A-102NHF	1.00	113.00	13.00	6.00
C201540A-222NHF	2.20	162.00	30.00	4.00
C201540A-332NHF	3.30	192.00	53.00	2.80
C201540A-502NHF	5.00	241.00	95.00	2.50
C201540A-103NHF	10.00	340.00	125.00	2.00
C201540A-203NHF	20.00	478.00	270.00	1.50

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.

3. Mechanical Dimension of C201540A Series (Unit:mm):

ITG Part Number	Dim. A (mm) Max.	Dim. B (mm) Max.	Dim. C (mm) Max.	Dim. D (mm) ±0.5	Dim. E1 (mm) ±0.5	Dim. E2 (mm) ±0.5	Dim. F (mm) Ref.	Dim. H (mm) Ref.	Fig.
C201540A-201NHF	24.00	16.00	24.00	3.00	7.50	10.70	Φ1.30	Φ1.80	1
C201540A-301NHF	24.00	16.00	24.00	3.00	7.50	10.70	Φ1.20	Φ1.70	1
C201540A-521NHF	23.50	16.00	24.00	3.00	7.50	10.70	Φ1.10	Φ1.60	1
C201540A-102NHF	23.50	16.00	25.50	3.00	7.50	10.70	Φ0.70	Φ1.20	2
C201540A-222NHF	23.50	13.80	25.50	3.00	7.50	10.70	Φ0.70	Φ1.20	2
C201540A-332NHF	23.50	13.50	25.50	3.00	7.50	10.70	Φ0.70	Φ1.20	2
C201540A-502NHF	23.00	13.50	25.50	3.00	7.50	10.70	Φ0.70	Φ1.20	2
C201540A-103NHF	23.00	13.80	25.50	3.00	7.50	10.70	Φ0.70	Φ1.20	2
C201540A-203NHF	23.00	13.80	25.50	3.00	7.50	10.70	Φ0.70	Φ1.20	2

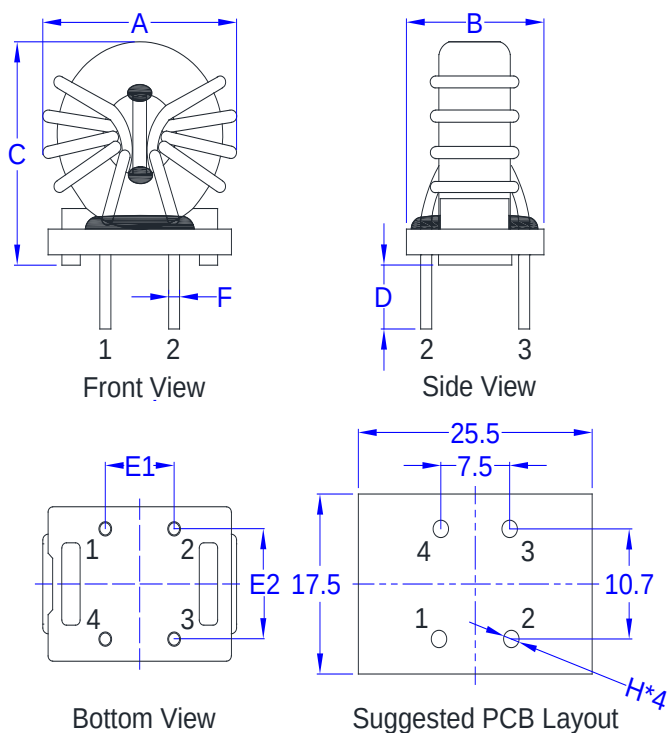


Fig. 1

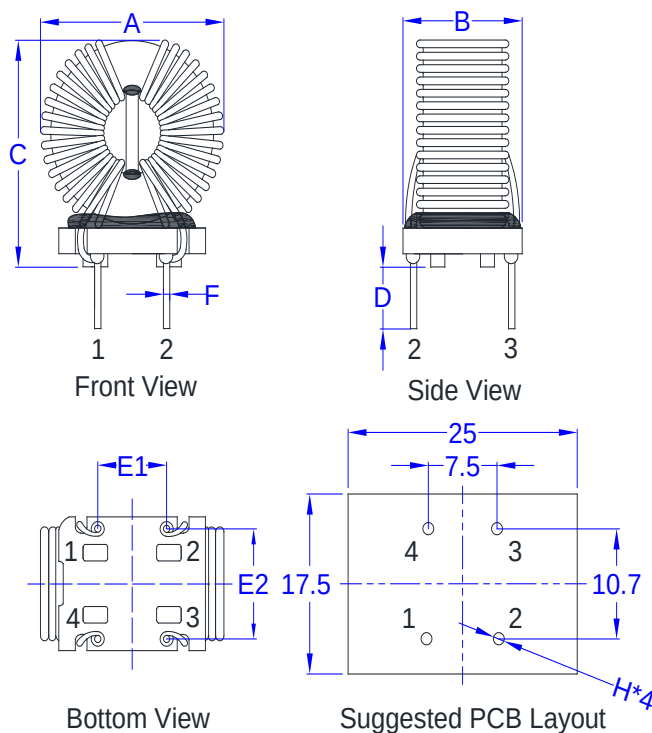
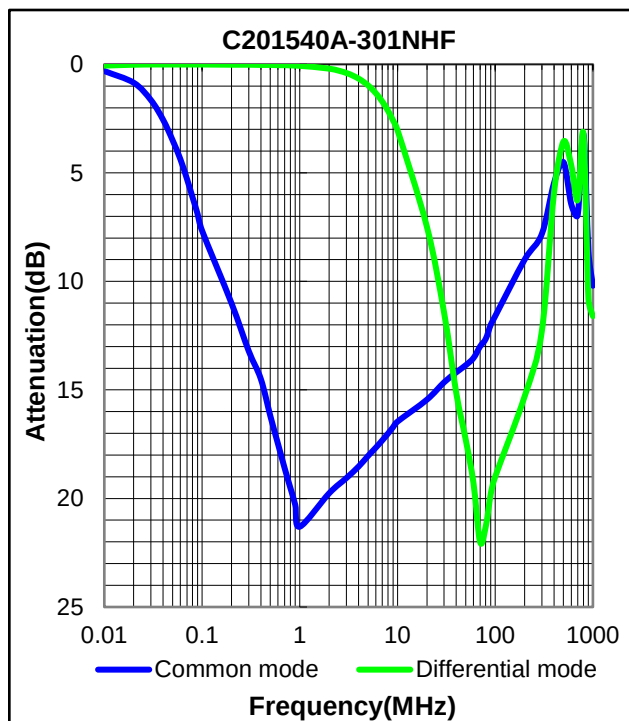
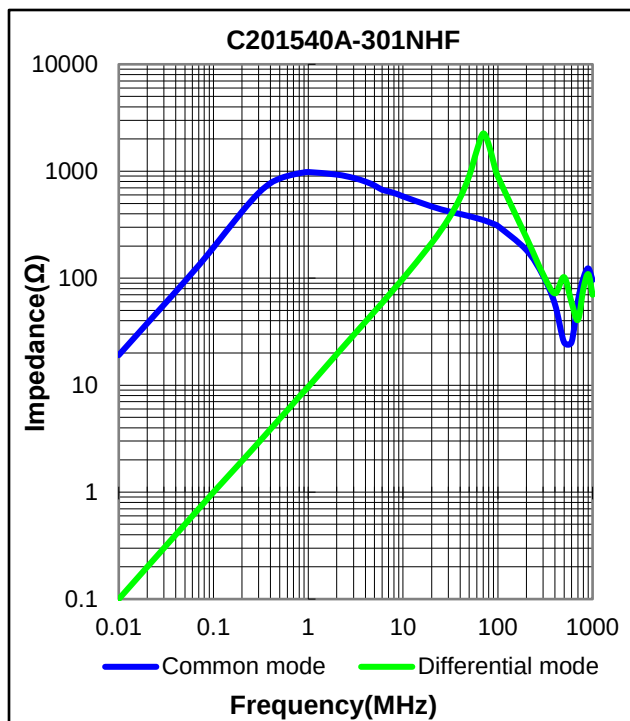
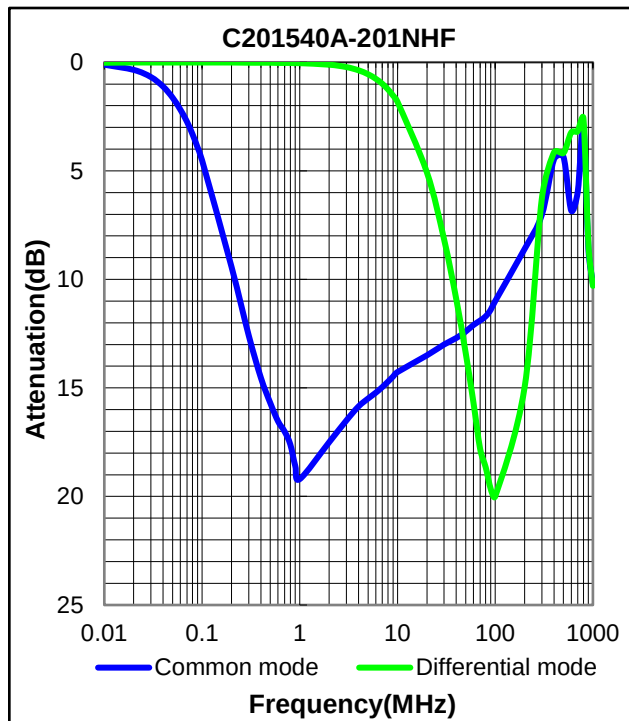
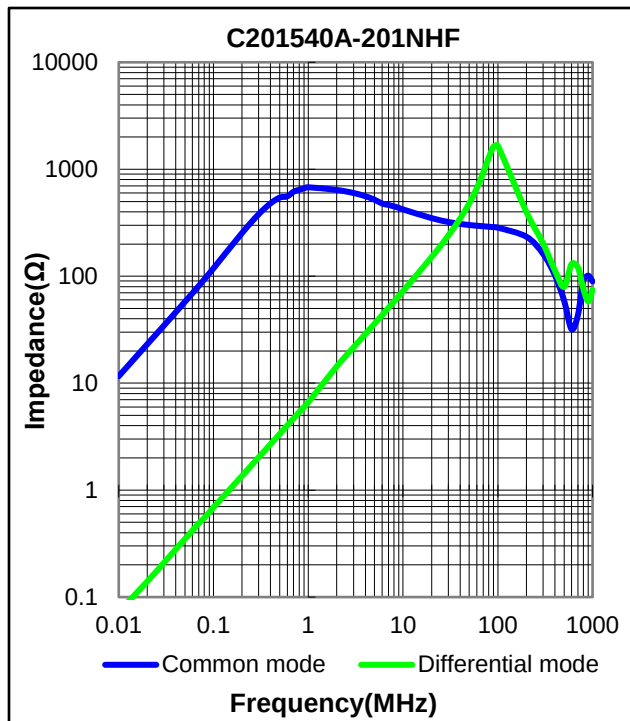
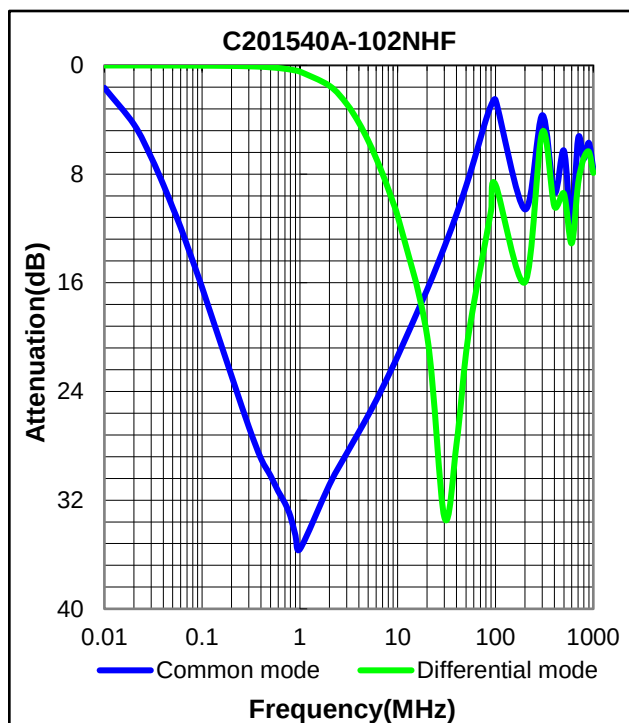
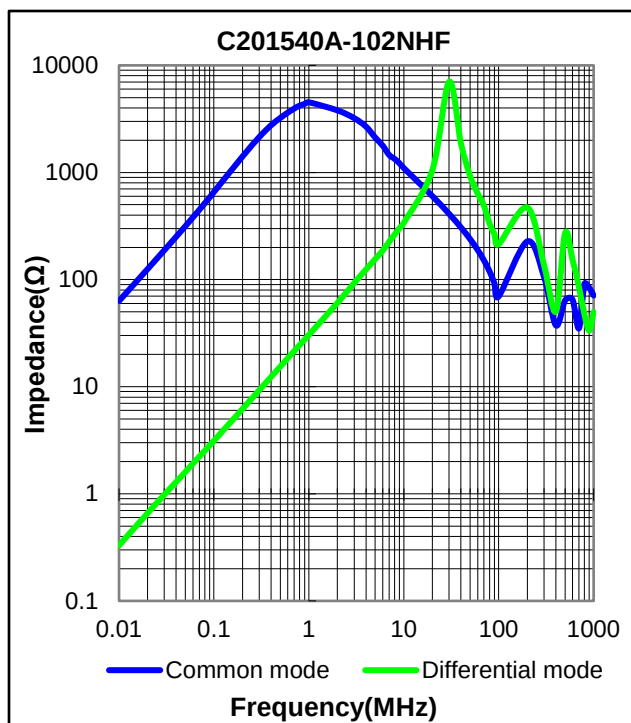
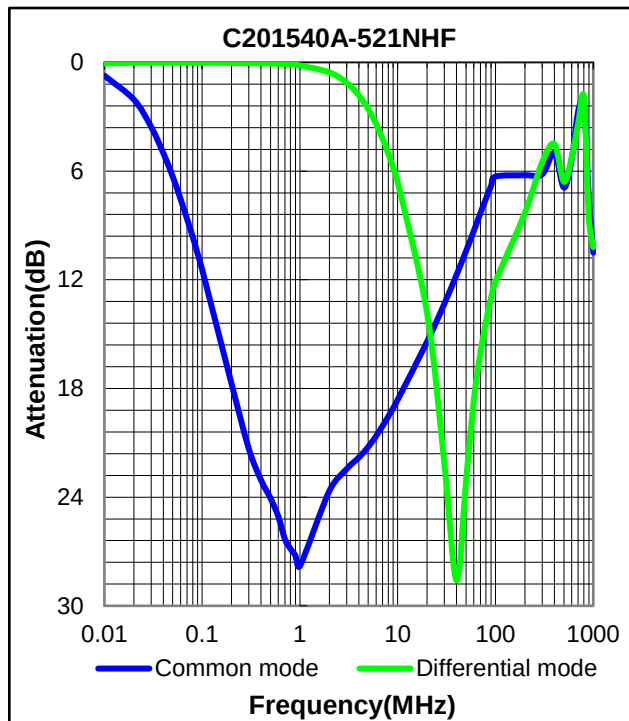
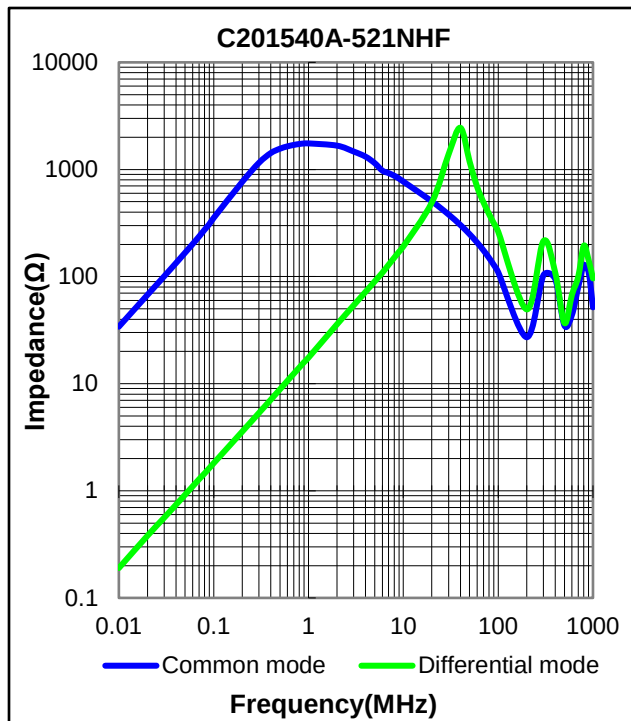


Fig. 2

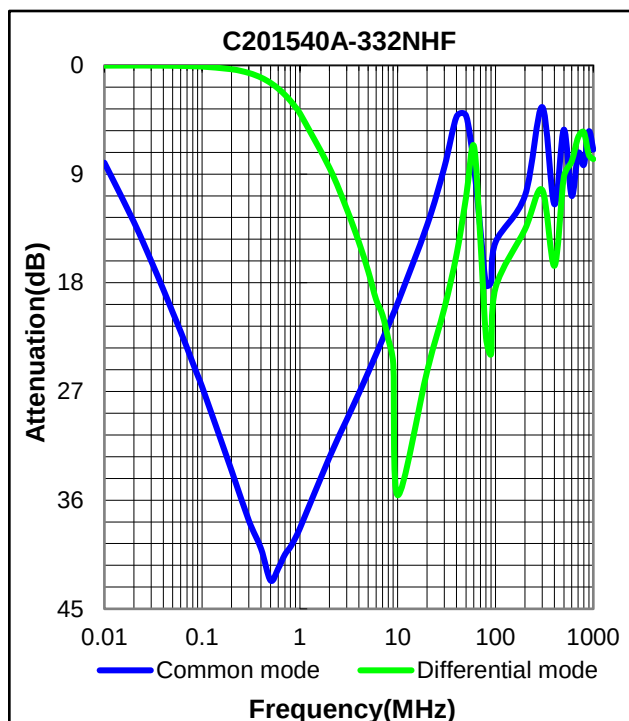
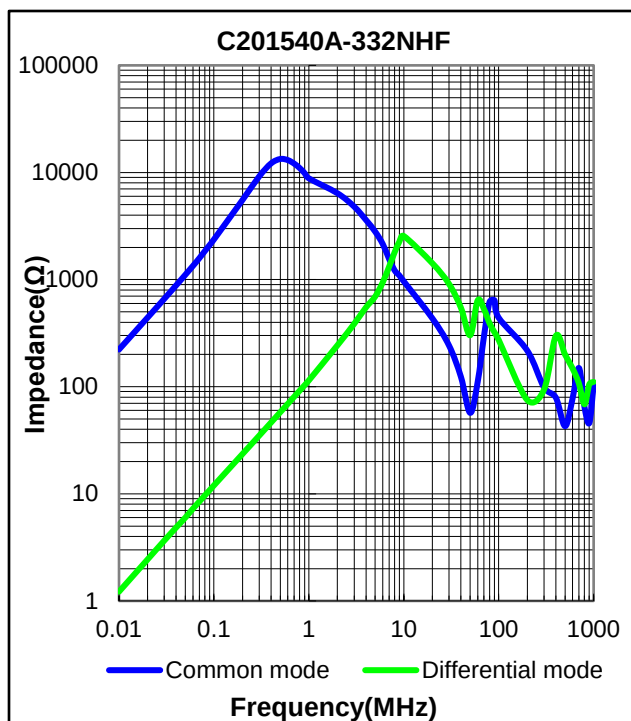
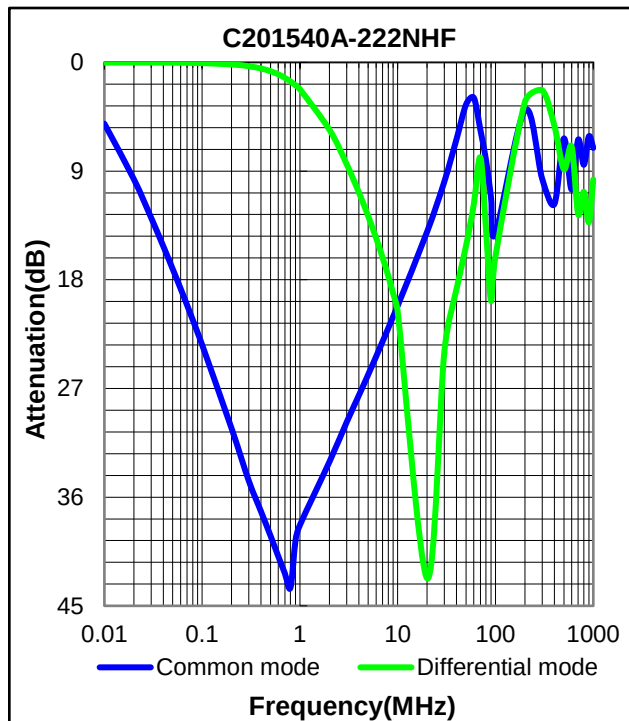
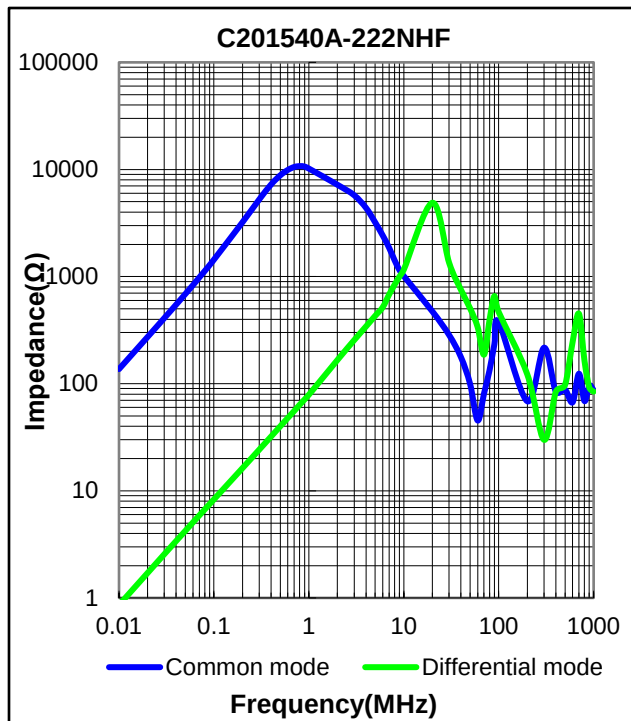
4. Typical Impedance and Typical Attenuation vs Frequency Curve of C201540A Series :



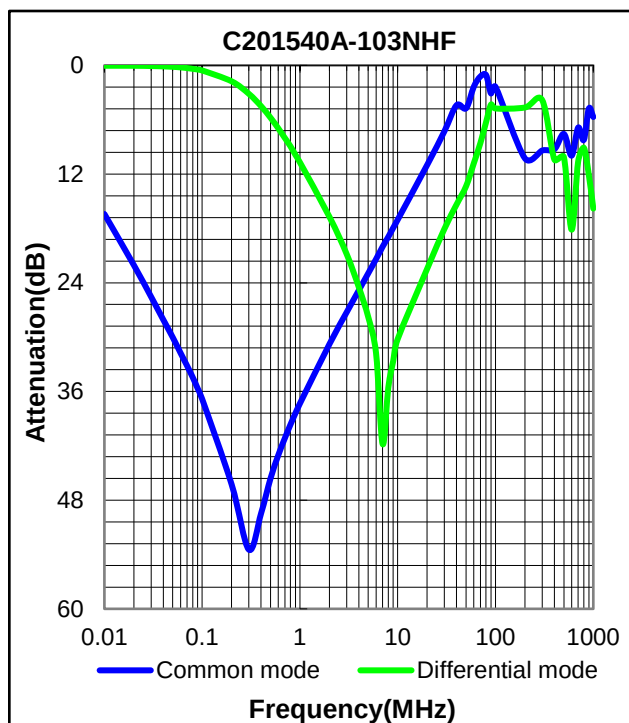
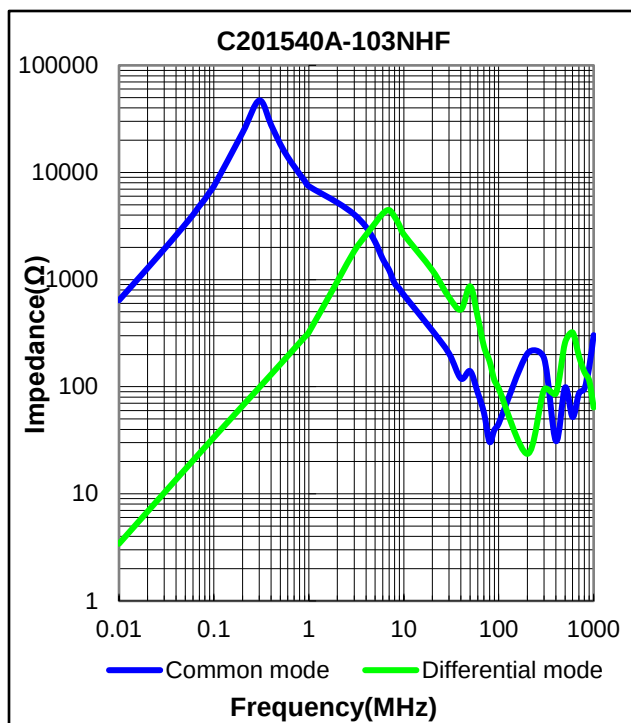
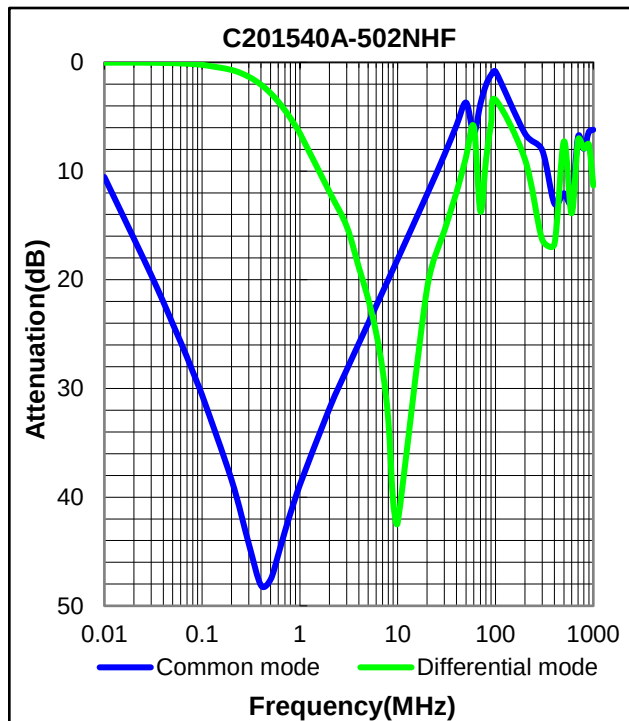
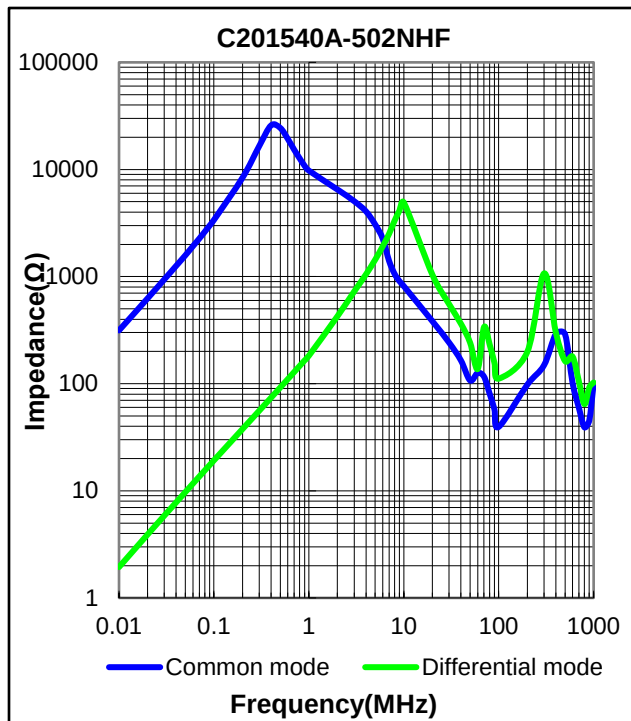
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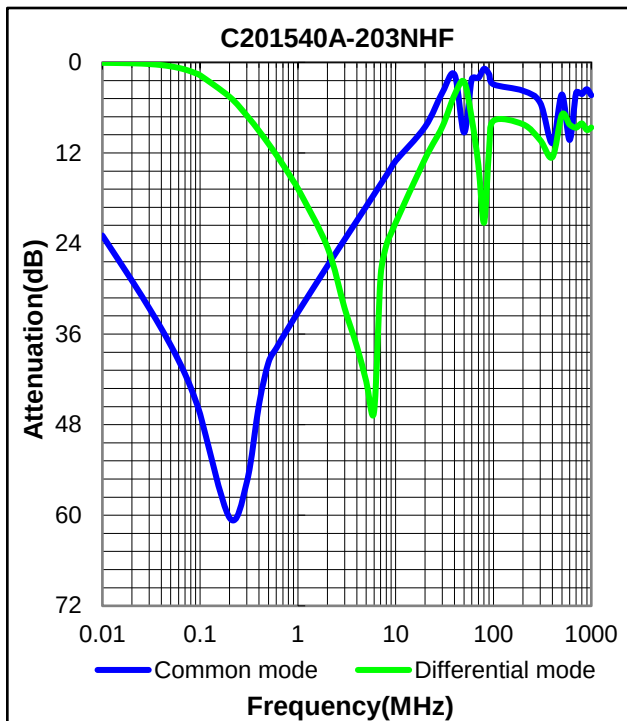
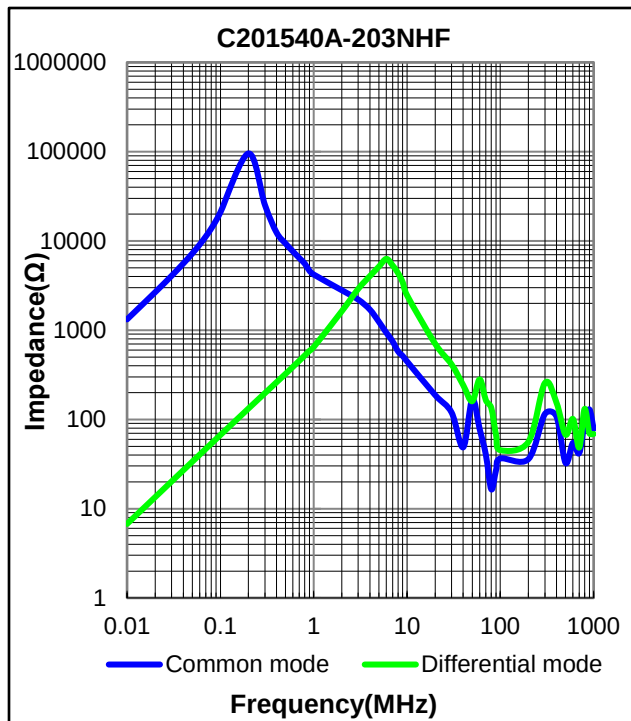
4. Typical Impedance and Typical Attenuation vs Frequency Curve of C201540A Series :



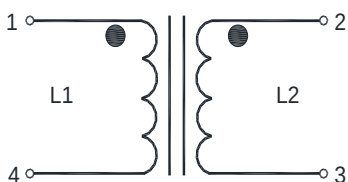
4. Typical Impedance and Typical Attenuation vs Frequency Curve of C201540A Series :



4. Typical Impedance and Typical Attenuation vs Frequency Curve of C201540A Series :



Schematic diagram



Test setup

