



C201021A Series



Halogen Free

1. Features of C201021A Series :

- 17.50 × 13.00mm Max.(L×W),22.0mm Max. Height.
- Inductance range: 1.0mH~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.

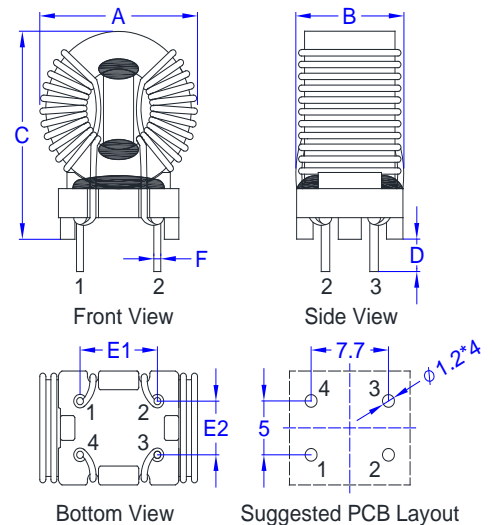
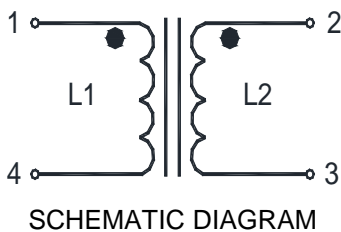


2. Electrical Characteristics of C201021A Series:

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.
C201021A-102NHF	1.00	97.00	30.00	3.00
C201021A-222NHF	2.20	147.00	62.00	2.00
C201021A-332NHF	3.30	181.00	112.00	1.50
C201021A-103NHF	10.00	317.00	345.00	1.00
C201021A-203NHF	20.00	443.00	540.00	0.50

3. Mechanical Dimension of C201021A Series (Unit:mm):

A Max.	B Max.	C Max.	D ±0.50	E1 ±0.50	E2 ±0.50	F Ref.
17.50	13.00	22.00	3.00	7.70	5.00	Φ0.70



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.

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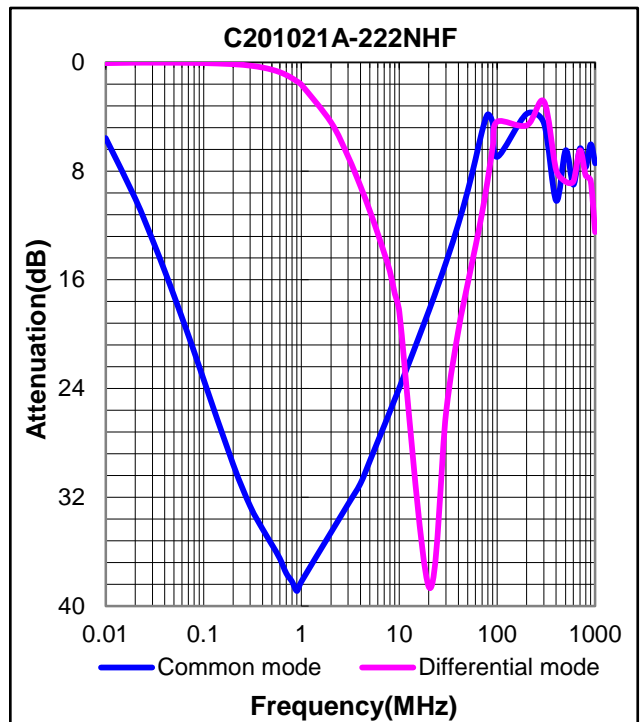
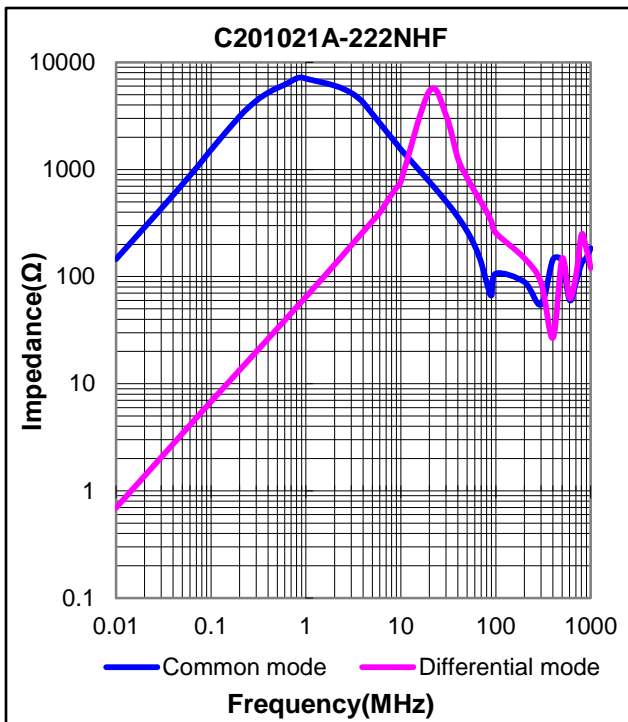
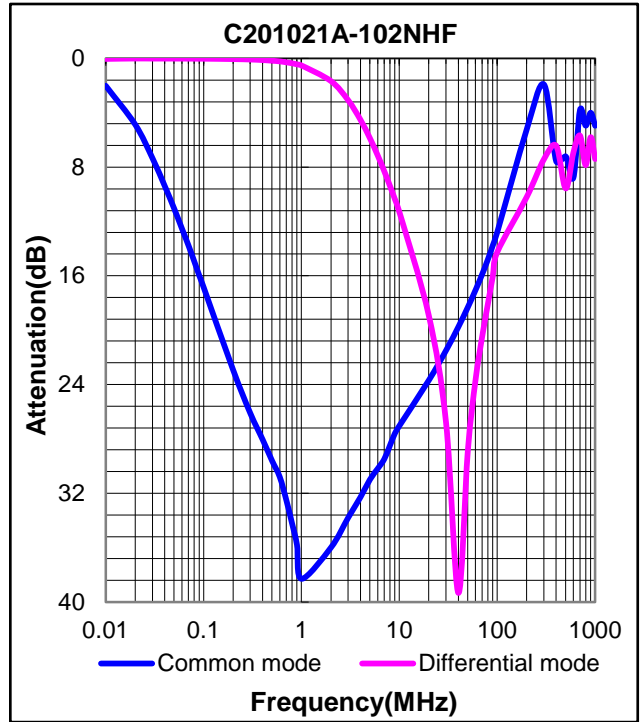
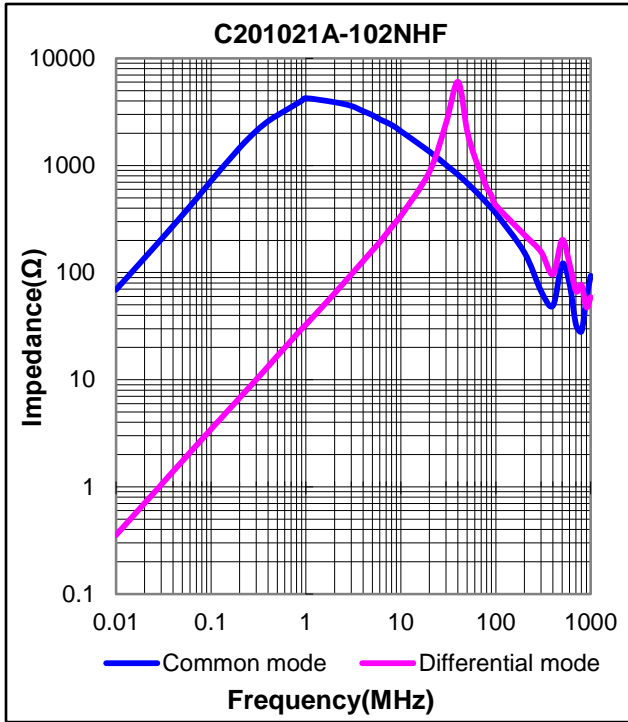
*Due to continuous product improvement, all specifications are subject to change without prior notice. Kindly contact an ITG field application engineer or a sales representative prior to purchase.



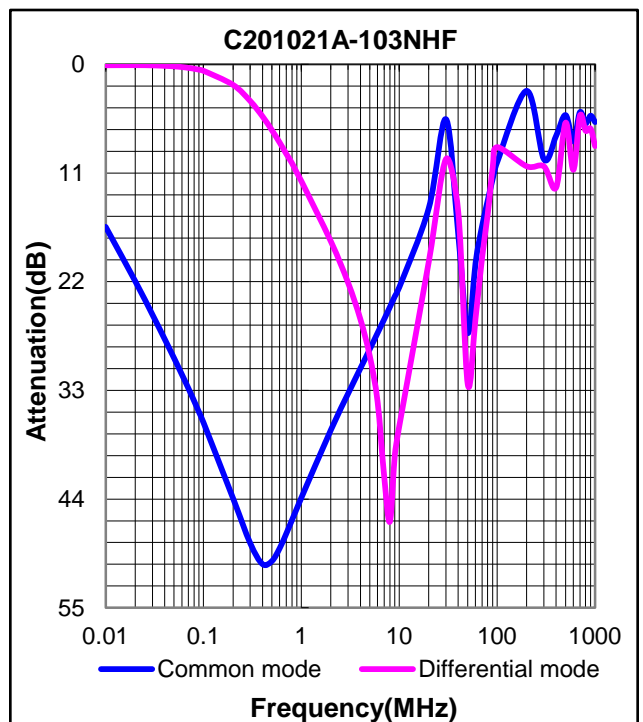
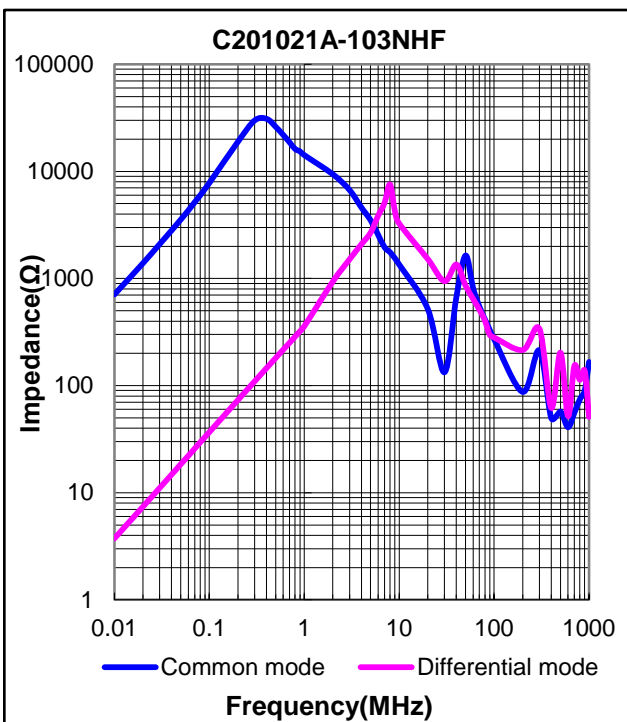
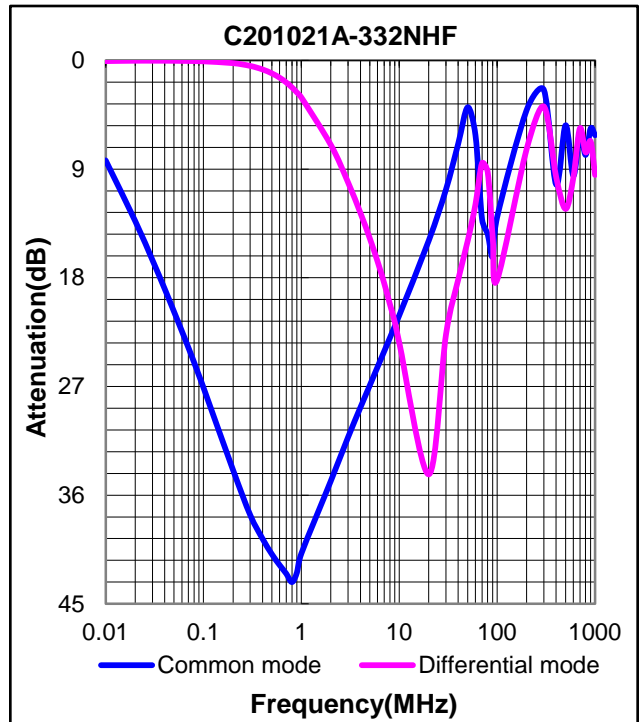
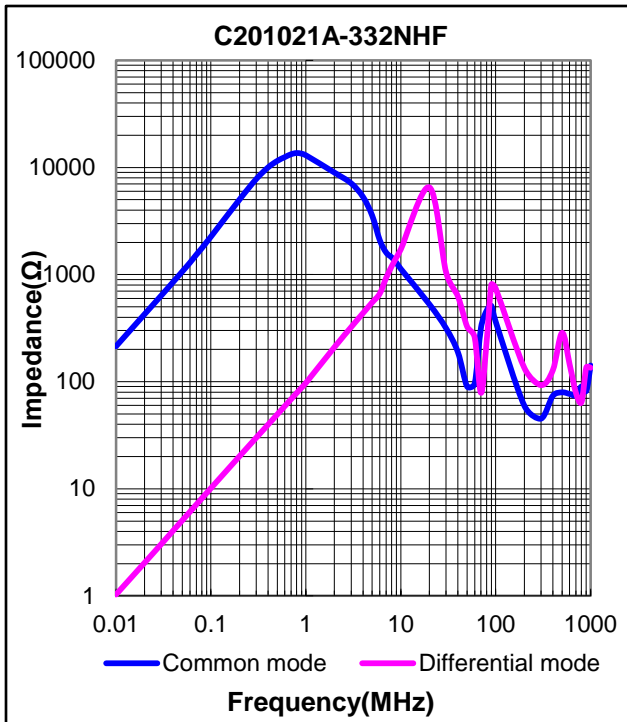
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4. Typical Impedance and Typical Attenuation vs Frequency Curve of C201021A Series :



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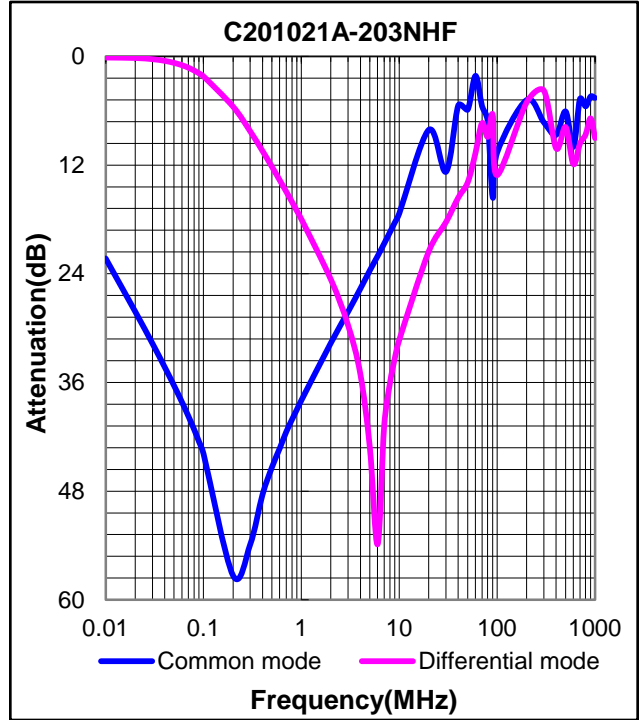
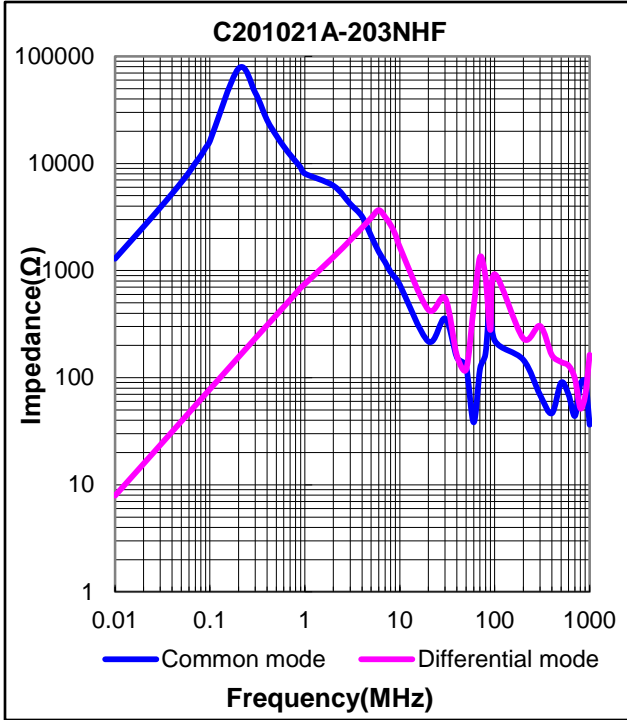




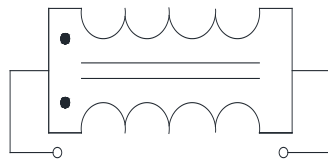
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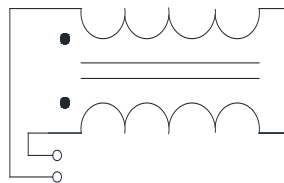
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Test setup :



Common Mode



Differential Mode

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