

1. Features of C301369H Series :

- Rugged Design 34.00 × 35.00 x 26.00mm (L x W x H) package common mode chokes
- Inductance Range: 103.30uH~464.40uH, Custom values are welcomed.
- AC common mode noise filter for Power Supplies and Industrial Applications.
- Rated Voltage: 600VAC / 1000VDC.
- Dielectric strength: 2500VAC / 3500VDC, winding to winding.
- UL 94 V-0 Material.
- Operating temperature: -40 to +125°C.
- RoHS Compliant Components.

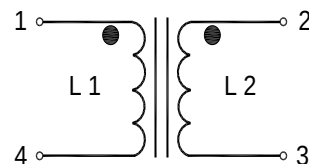


2. Electrical Characteristics of C301369H Series:

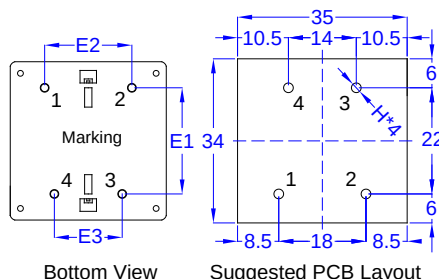
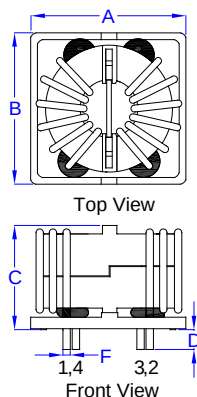
ITG Part Number	OCL ¹ (L1 / L2) (uH) ±30%	OCL ¹ L1-L2 (uH) Max.	DCR (mΩ) Max. @25°C	Irated ² (A) Max.	Dim. F (mm) ±0.10	Dim. H (mm) Ref.
C301369H-101N	103.30	25.00	2.35	26.00	Φ1.70	Φ2.10
C301369H-141N	144.80	35.00	2.35	26.00	Φ1.70	Φ2.10
C301369H-201N	206.40	50.00	2.35	26.00	Φ1.70	Φ2.10
C301369H-221N	226.20	45.00	3.00	23.00	Φ1.70	Φ2.10
C301369H-231N	232.50	40.00	3.80	20.50	Φ1.60	Φ2.00
C301369H-461N	464.40	80.00	3.80	20.50	Φ1.60	Φ2.00

3. Mechanical Dimension of C301369H Series (Unit:mm):

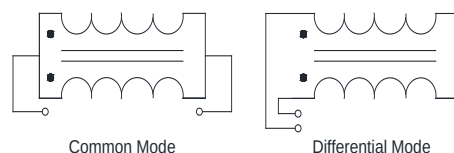
A Max.	B Max.	C Max.	D ±0.50	E1 ±0.40	E2 ±0.40	E3 ±0.40	F ±0.10	H Ref.
35.00	34.00	26.00	5.00	22.00	18.00	14.00	See table above	See table above



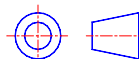
SCHEMATIC DIAGRAM



Impedance vs Frequency test setup



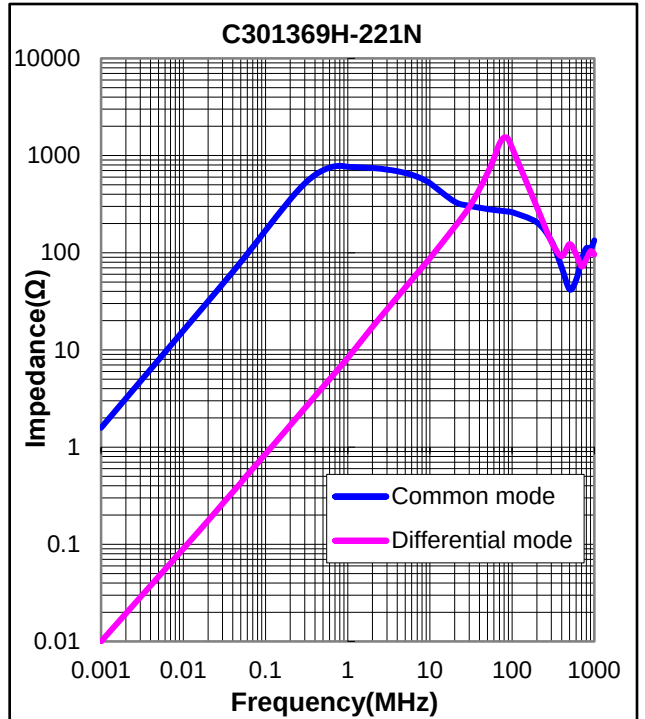
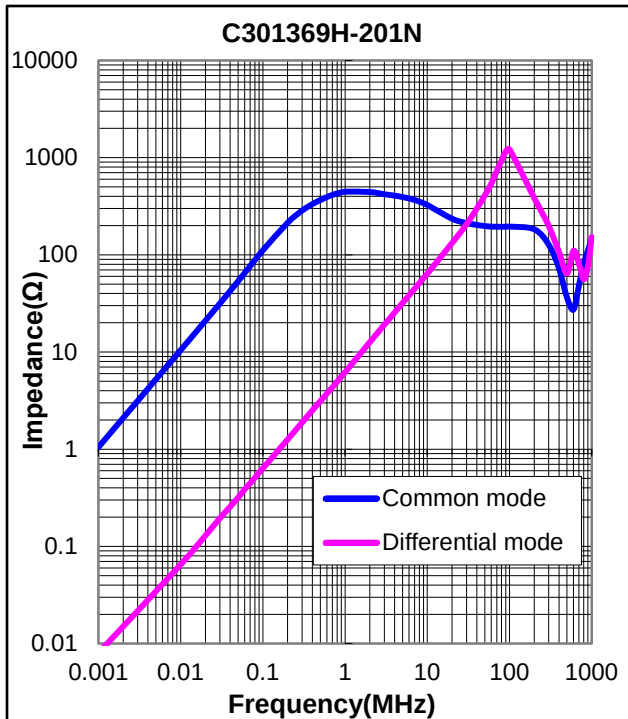
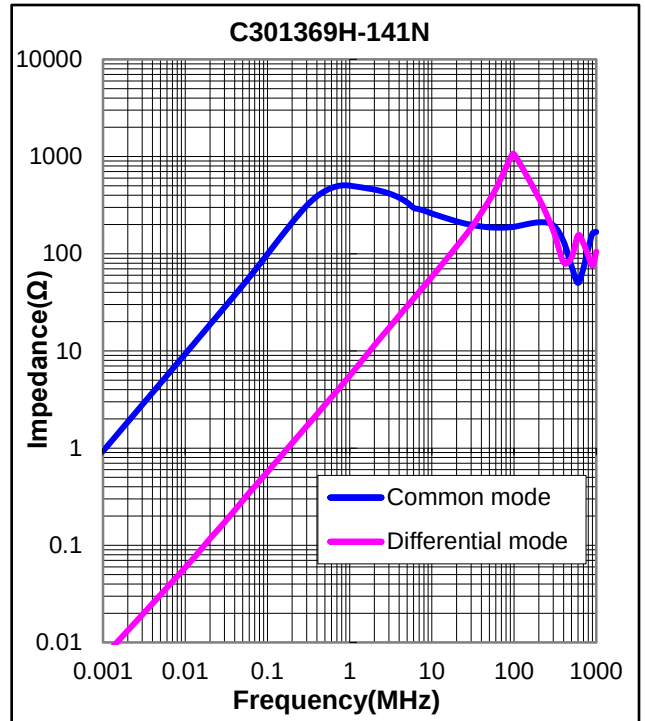
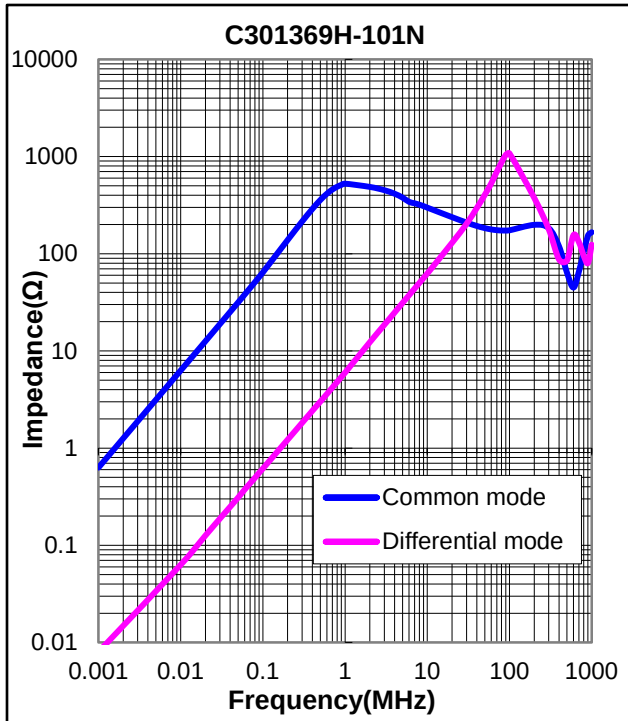
Third Angle Projection:



Notes:

1. Open Circuit Inductance (OCL) measured at 100KHz, 0.05V @ 25°C.
2. Irated: Irate 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 C301369H Series :



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