

## 1. Features of C301369A Series :

- 34.0 × 34.0mm Max.(L×W), 26.0mm Max. Height.
- Inductance range: 5.3mH~10.0mH, 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 +105°C.
- RoHS Compliant Components.

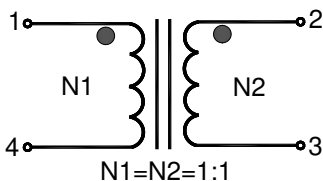


## 2. Electrical Characteristics of C301369A Series:

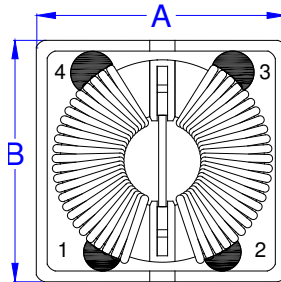
ITG Part Number	OCL <sup>1</sup> (PIN1-4/2-3) (mH) ±30%	DCR (mΩ) Max. @25°C	Irated <sup>2</sup> (A) Max. @25°C	Dim. F (mm) Nom.
C301369A-532NU	5.30	27.00	7.60	Φ1.10
C301369A-752NU	7.50	32.50	7.00	Φ1.10
C301369A-103NU	10.00	44.00	6.00	Φ1.00

## 3. Mechanical Dimension of C301369A Series (Unit:mm):

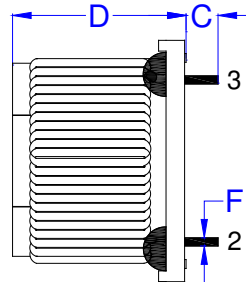
A Max.	B Max.	C ±0.50	D Max.	E1 ±0.50	E2 ±0.50	E3 ±0.50	F Nom.
34.00	34.00	5.00	26.00	22.00	18.00	14.00	See table above



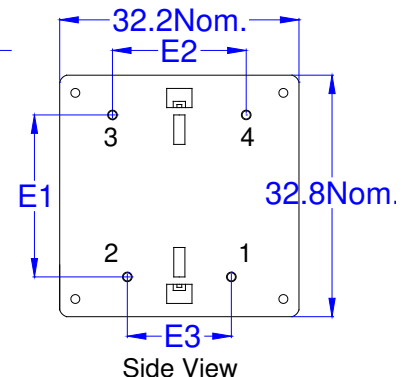
SCHEMATIC DIAGRAM



Side View

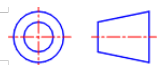


Front View



Side View

Third Angle Projection:



### Notes:

1. Open Circuit Inductance (OCL) measured at 1KHz, 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. Impedance measures with both windings in parallel and at ambient temperature(25°C).



# C301369A Series



## 4. Impedance vs Frequency Curve of C301369A Series :

