Common Mode Power Line Choke - CTR1205 Series

Meisongbei



Features

- Very compact design
- Flammability corresponding to UL94V-0
- Custom designs are available

Applications

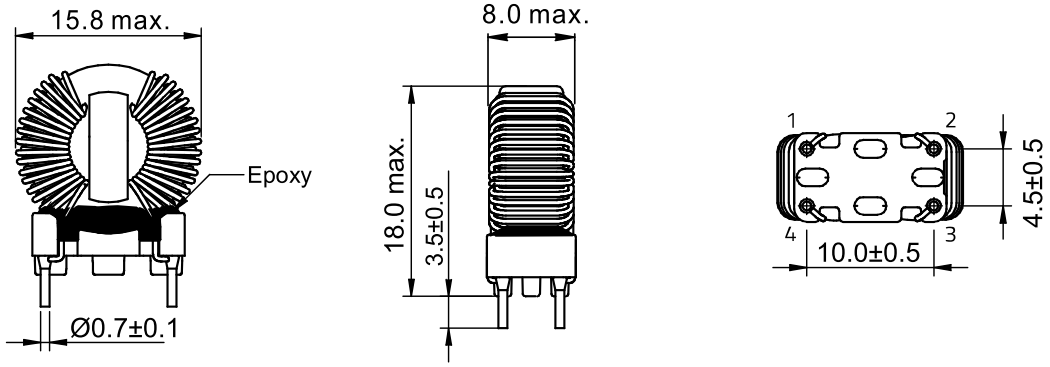
- Power electronics
- Power line in and output filter
- Suppression of common mode noise

General Specifications

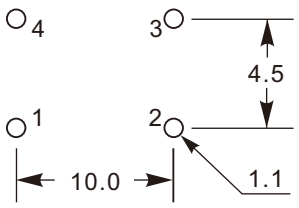
- Storage temp range: -40°C to +125°C
- Operating temp range: -40°C to +125°C
- Moisture Sensitivity Level(MSL): 1

RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

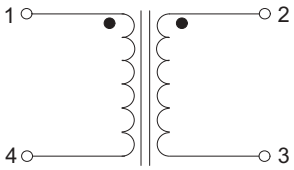
Dimensions & Configurations (Unit:mm)



Recommended Hole Pattern:[mm]



Schematic



Turns Ratio: 1:1

Electrical Specifications @ 25°C

Part Number	Inductance [mH]	Rated Current [A]	DCR(max) [mΩ]
CTR1205-102N	1±30%	2.0	45
CTR1205-402N	4±30%	1.5	140
CTR1205-502N	5±30%	1.0	200
CTR1205-103N	10±30%	0.7	350
CTR1205-203N	20±30%	0.5	1000
CTR1205-393N	39±30%	0.3	3000

- Inductance is per winding tested at 10kHz,0.1V
- Hi-pot:AC1500V/1mA/2S (N1-N2)
- Rated Voltage: 250VAC max