Nizn Common Mode Power Line Chokes - CTRN1205

Meisongbei



Features

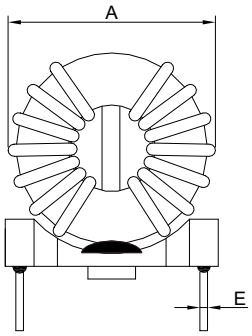
- Core material: Nickel-Zinc Ferrite
- Low cost
- Dielectric strength: 1500 Vrms
- Fixed pin spacing allow easy PCB insertion
- Operating temperature: -45 to +125°C
- Custom Designs Available

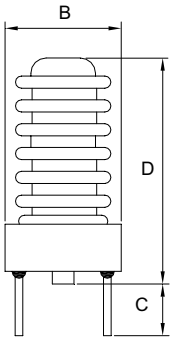
Application

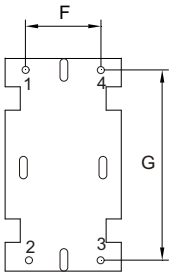
- Power electronics
- Power line in- and output filter
- Optimized for burst signals

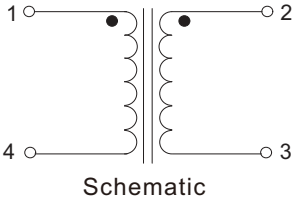
RoHS COMPLIANT | REACH COMPLIANT | Halogen Free

Dimensions & Configurations (Unit:mm)









Schematic

Type	A	B	C	D	E	F	G
CTRN1205	16.0 Max.	7.5 Max.	3.5±0.5	18.0 Max.	0.7 Ref.	4.5±0.5	10.0±0.5

Electrical Characteristics For CTRN1205 Series

Part Number	Inductance [uH] (±30%)	Rated Current (max) [A]	DCR(max) [mΩ]
CTRN1205-140N	14	4.0	15
CTRN1205-300N	30	3.0	26
CTRN1205-470N	47	2.0	40
CTRN1205-101N	100	1.5	80

- Inductance tested at 100kHz 20°C
- Idc: Current to cause 70°C temperature rise.
- Hi-pot: 1500VAC
- Rated voltage: 250VAC (50/60Hz)