



Features

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

Applications

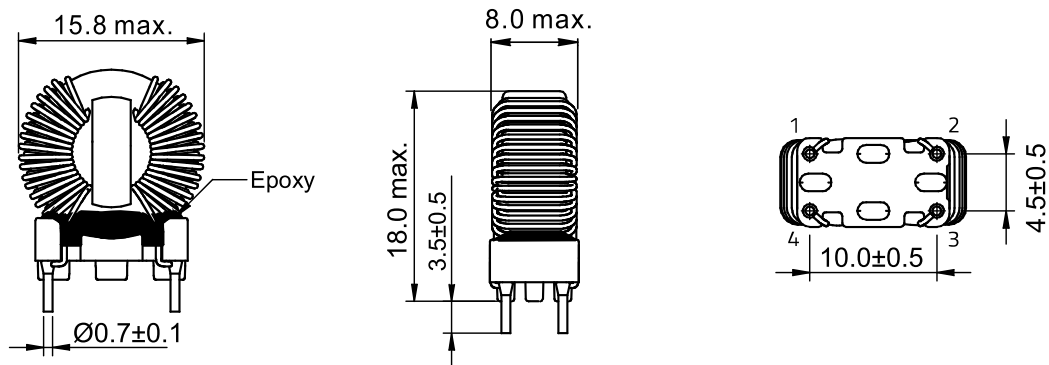
- Power electronics
- Power line in and output filter
- Suppression of common mode noise

General Specifications

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

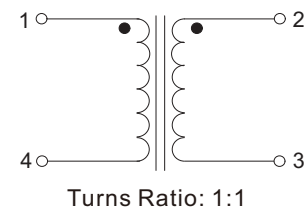
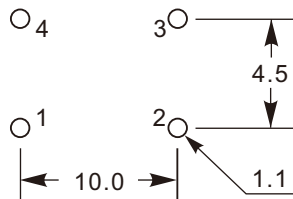


Dimensions & Configurations (Unit:mm)



Recommended Hole Pattern:[mm]

Schematic



Electrical Specifications @ 25°C

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

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



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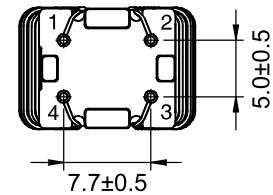
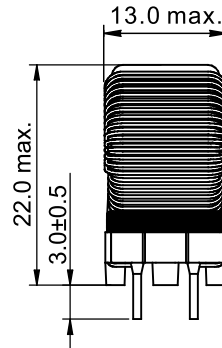
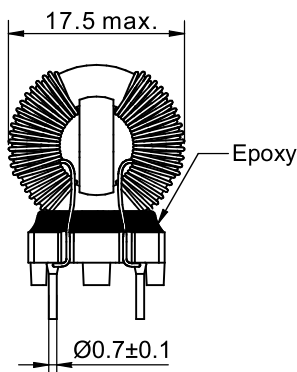
- Power electronics
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General Specifications

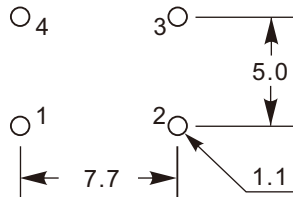
- Storage temp range: -40°C to +125°C
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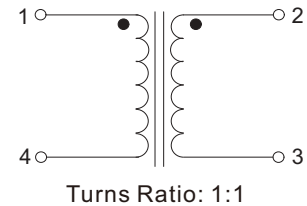
Dimensions & Configurations (Unit:mm)



Recommended Hole Pattern:[mm]



Schematic



Electrical Specifications @ 25°C

Part Number	Inductance [mH]	Rated Current [A]	DCR(max) [mΩ]
CTR1409-102N	1.0±30%	3.0	35
CTR1409-222N	2.2±30%	2.0	70
CTR1409-332N	3.3±30%	1.5	120
CTR1409-103N	10.0±30%	1.0	360
CTR1409-203N	20.0±30%	0.5	540

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



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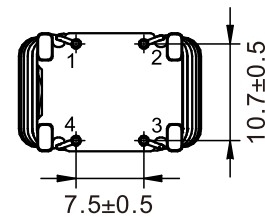
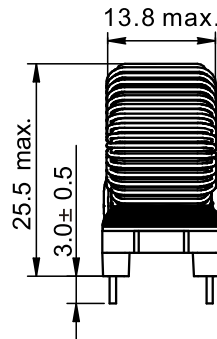
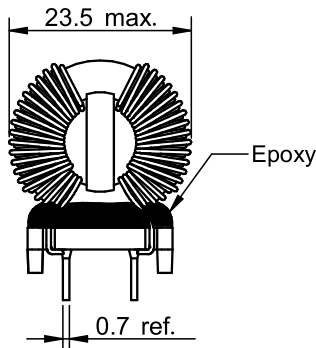
- Power electronics
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General Specifications

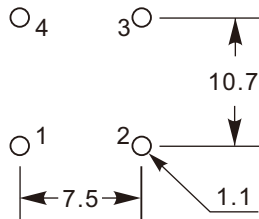
- Storage temp range: -40°C to +125°C
- Operating temp range: -40°C to +125°C
- Moisture Sensitivity Level(MSL): 1



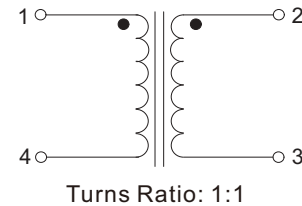
Dimensions & Configurations (Unit:mm)



Recommended Hole Pattern:[mm]



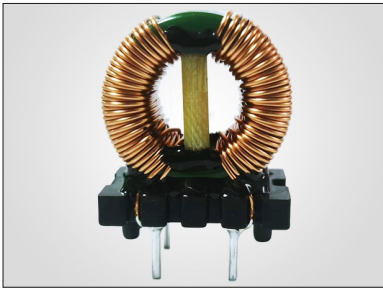
Schematic



Electrical Specifications @ 25°C

Part Number	Inductance [mH]	Rated Current [A]	DCR(max) [mΩ]
CTR2010-102N	1.0±30%	6.0	13
CTR2010-222N	2.2±30%	4.0	30
CTR2010-332N	3.3±30%	2.5	60
CTR2010-502N	5.0±30%	2.5	95
CTR2010-103N	10.0±30%	2.0	125
CTR2010-203N	20.0±30%	1.5	270

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



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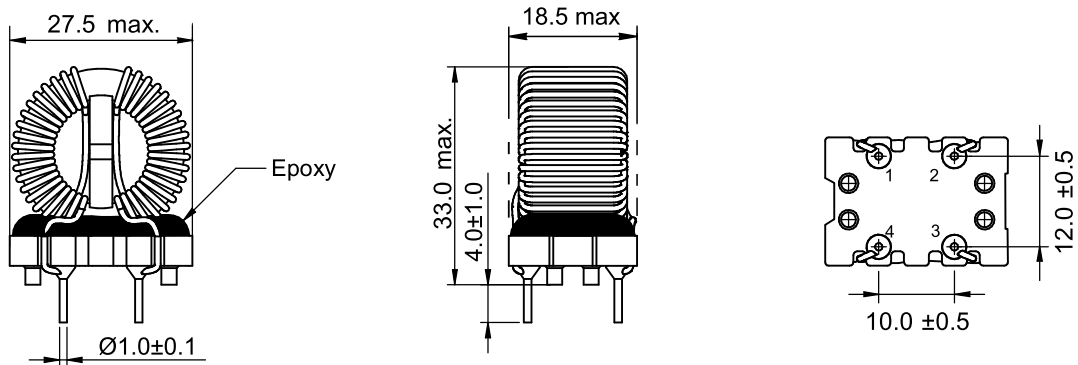
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General Specifications

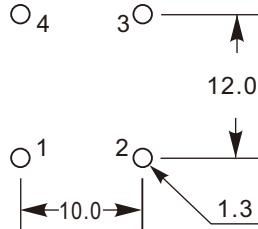
- Storage temp range: -40°C to +125°C
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- Moisture Sensitivity Level(MSL): 1



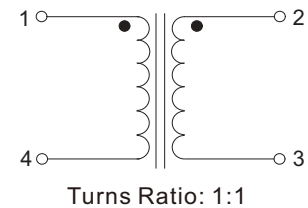
Dimensions & Configurations (Unit:mm)



Recommended Hole Pattern:[mm]



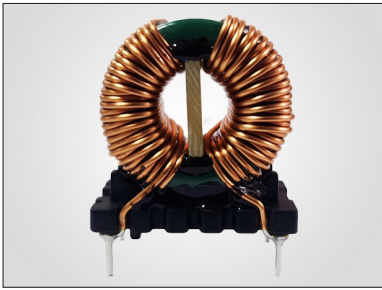
Schematic



Electrical Specifications @ 25°C

Part Number	Inductance [mH]	Rated Current [A]	DCR(max) [mΩ]
CTR2214-102N	1.0±30%	7.5	10
CTR2214-222N	2.2±30%	6.0	20
CTR2214-332N	3.3±30%	4.0	35
CTR2214-502N	5.0±30%	4.0	50
CTR2214-702N	7.0±30%	3.5	80
CTR2214-103N	10.0±30%	3.0	105
CTR2214-203N	20.0±30%	2.0	220

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



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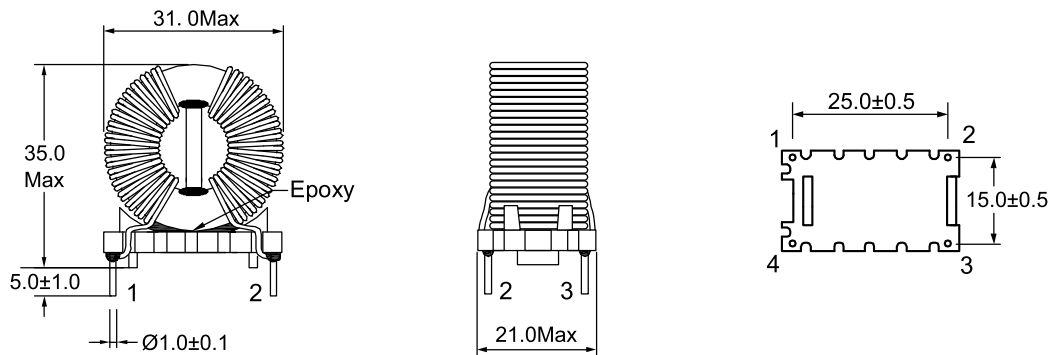
- Power electronics
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- Suppression of common mode noise

General Specifications

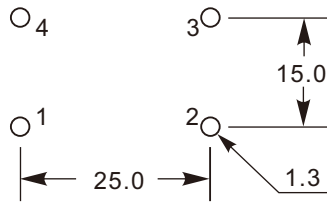
- Storage temp range: -40°C to +125°C
- Operating temp range: -40°C to +125°C
- Moisture Sensitivity Level(MSL): 1



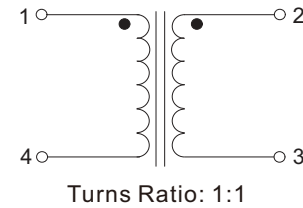
Dimensions & Configurations (Unit:mm)



Recommended Hole Pattern:[mm]



Schematic



Electrical Specifications @ 25°C

Part Number	Inductance [mH]	Rated Current [A]	DCR(max) [mΩ]
CTR2620-102N	1.0±30%	12.0	9
CTR2620-222N	2.2±30%	8.0	14
CTR2620-332N	3.3±30%	6.0	25
CTR2620-502N	5.0±30%	6.0	45
CTR2620-103N	10.0±30%	4.5	70
CTR2620-203N	20.0±30%	3.0	160
CTR2620-333N	33.0±30%	3.0	210

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