THROUGH-HOLE TOROIDAL COMMON MODE CHOKES

TRF2110/2610A SERIES



FEATURES:

- Very high permeability Amorphous core material
- High and stable inductance values at high temperatures
- High rated currents
- Broadband suppression
- Small size

APPLICATIONS:

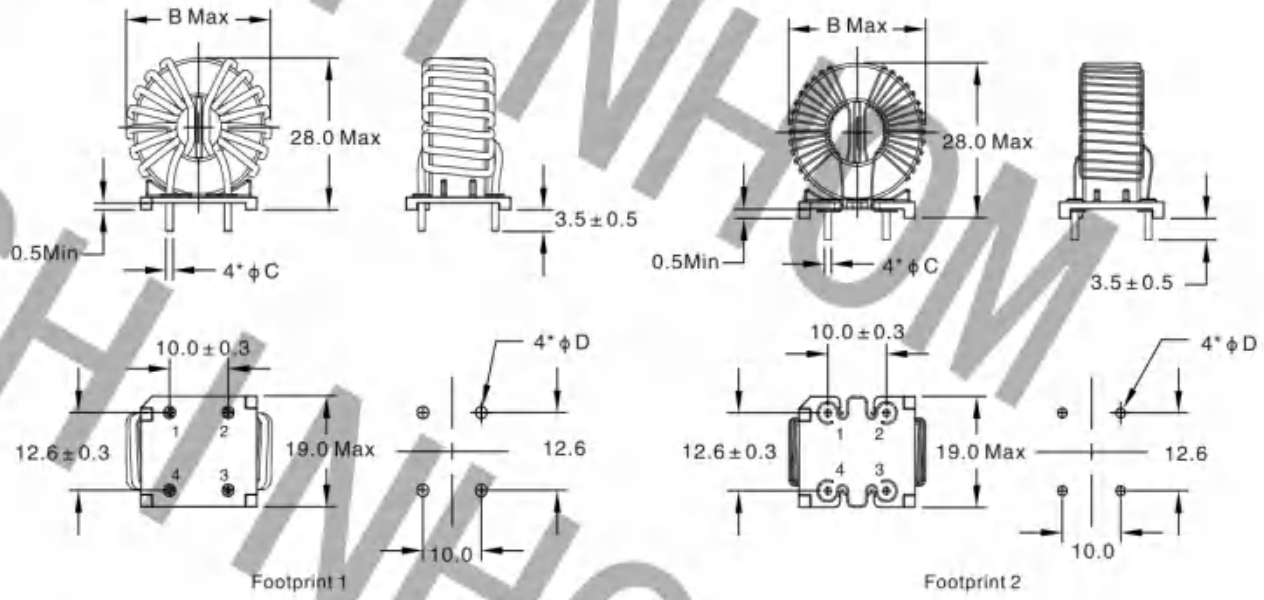
- Power electronics
- Power line in- and output filter
- Suppression for common mode noise
- Radio interference suppression in motors

ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (mH +50%/-30%)	Rated Current Amps	DCR each winding (mΩ Max)	SRF (MHz)Min	Impedance (kΩ)Min @SRF
TRF2610-102Y-22A	1.0	22	2.1	15.94	1.5
TRF2610-162Y-19A	1.62	19	3.2	10.0	1.8
TRF2610-222Y-16A	2.2	16	4.5	8.39	2.6
TRF2110-452Y-12A	4.5	12	8.5	4.0	4.4
TRF2110-652Y-9A	6.5	9	14.0	1.52	6.4
TRF2110-153Y-6A	15.0	6	30.0	0.76	10.0
TRF2110-353Y-4A	35.0	4	80.0	0.33	21.0
TRF2110-823Y-3A	82.0	3	150.0	0.13	37.0

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

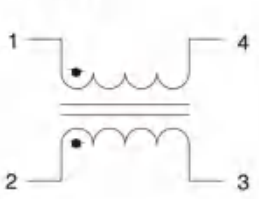
DIMENSIONS IN:mm



Footprint 1 Footprint 2

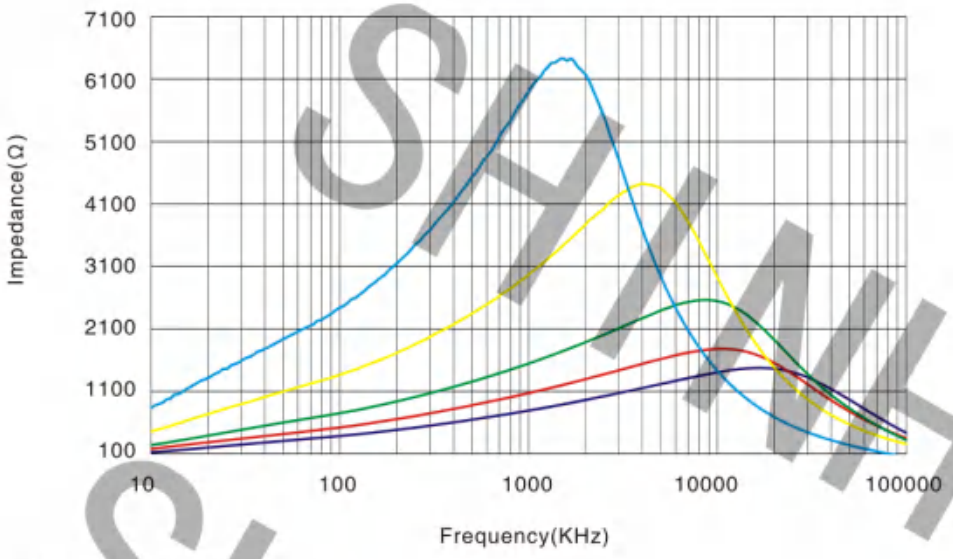
Part No.	B	C	D	Footprint
TRF2610-102Y-22A	30.0	1.63±0.2	2.1	1
TRF2610-162Y-19A		1.45±0.2	1.9	
TRF2610-222Y-16A		1.29±0.2	1.7	
TRF2110-452Y-12A	27.0	1.15±0.2	1.5	
TRF2110-652Y-9A		1.02±0.2	1.45	
TRF2110-153Y-6A		1.2±0.2	1.6	2
TRF2110-353Y-4A		1.2±0.2	1.6	
TRF2110-823Y-3A		1.2±0.2	1.6	

Schematic

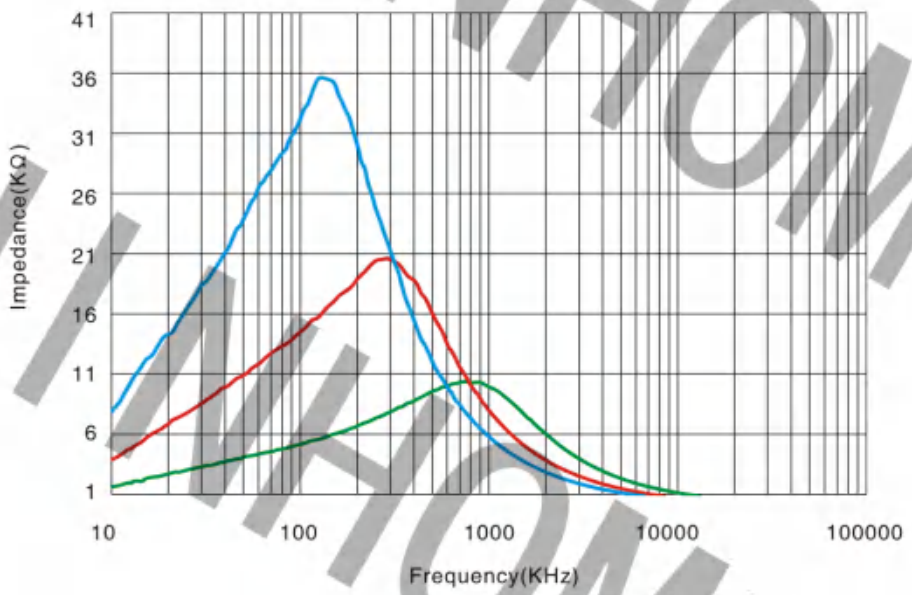


SHINHOM

Typical Impedacne:



TRF2610-102Y-22A
TRF2610-162Y-19A
TRF2610-222Y-16A
TRF2110-452Y-12A
TRF2110-652Y-9A



TRF2110-153Y-6A
TRF2110-353Y-4A
TRF2110-823Y-3A

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