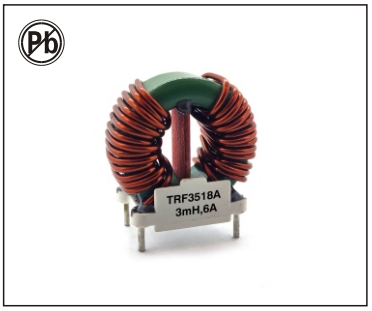
THROUGH-HOLE TOROIDAL COMMON MODE CHOKES

TRF3518A SERIES



FEATURES:

- Excellent Mechanical Strength
- High Reliability and varied Plastic base
- Low resistance and temperature rise
- UL1446 Class B (130℃) Insulation System

COMMON APPLICATIONS:

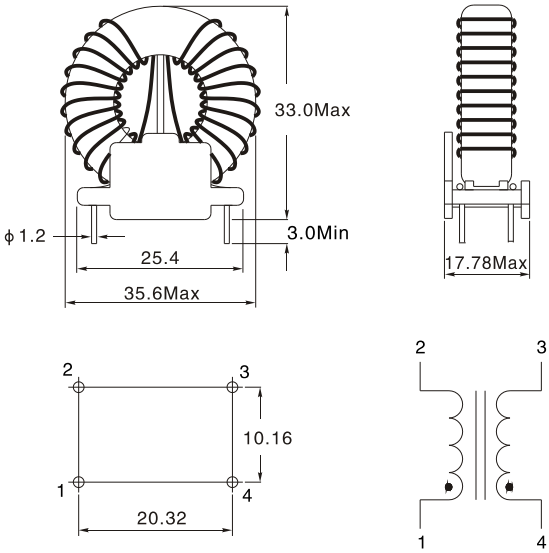
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Eliminating of electromagnetic noise of power and signal circuit.

ELECTRICAL CHARACTERISTICS:

Part Number	Inductance (mH Min.) 15.75KHz,0.1V	Rated Current Amps	DCR each winding (mΩ Max)	Leakage inductance (μH) Max	Lead diameter nom
TRF3518A-502Y-1A	5.0	1.0	207	80	1.37
TRF3518A-802Y-1A	8.0	1.0	270	125	1.37
TRF3518A-153Y-1A	15.0	1.0	430	233	1.37
TRF3518A-252Y-2A	2.5	2.0	90	42	1.37
TRF3518A-402Y-2A	4.0	2.0	95	70	1.37
TRF3518A-752Y-2A	7.5	2.0	108	74	1.37
TRF3518A-132Y-4A	1.3	4.0	29	20	1.37
TRF3518A-212Y-4A	2.1	4.0	40	36	1.37
TRF3518A-372Y-4A	3.7	4.0	36	40	1.37
TRF3518A-102Y-6A	1.0	6.0	22	19	1.37
TRF3518A-172Y-6A	1.7	6.0	32	34	1.37
TRF3518A-302Y-6A	3.0	6.0	27	35	1.37
TRF3518A-601Y-9A	0.6	9.0	12	11	1.07
TRF3518A-112Y-9A	1.1	9.0	13	12	1.07
TRF3518A-192Y-9A	1.9	9.0	17	20	1.07
TRF3518A-501Y-12A	0.5	12.0	8	9	1.22
TRF3518A-801Y-12A	0.8	12.0	8	9	1.22
TRF3518A-142Y-12A	1.4	12.0	11	16	1.22
TRF3518A-301Y-15A	0.3	15.0	5	6	1.37
TRF3518A-601Y-15A	0.6	15.0	6	6.5	1.37
TRF3518A-112Y-15A	1.1	15.0	8	13.7	1.37

TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

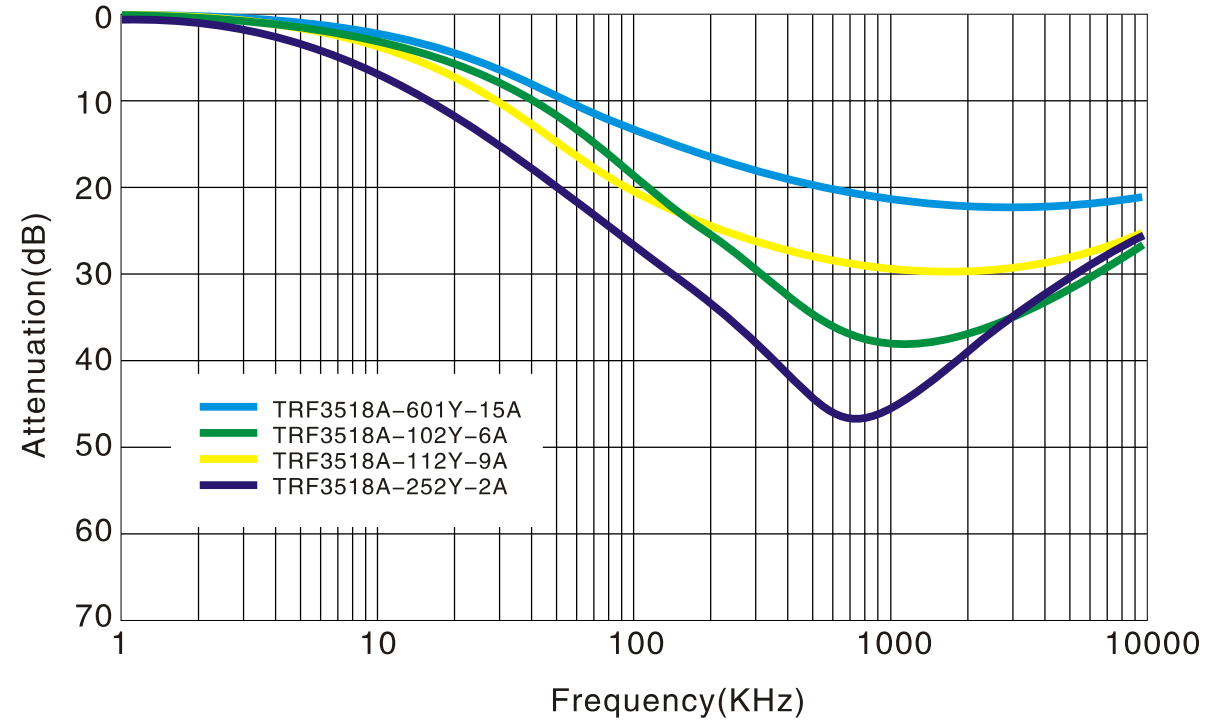
DIMENSIONS IN:mm



- Max operating voltage:250V at 40℃
- IDC Max: rating AC/DC current A @40℃
- Hi-Pot 1500Vac winding to winding 3S.
- Inductance Testing: 15.75KHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmmeter
- Surge current Max 10ms: 20X IDC
- Operating temperature: -40℃ to +105℃
- Storage Temperature: -40℃ to +105℃
- Resistance to soldering heat:260℃ for 10 seconds
- Marking: Part number and date code

Note:All specifications subject to change without notice.

Typical Common Mode Attenuation:



Typical Impedacne:

