THROUGH-HOLE TOROIDAL COMMON MODE CHOKES

TRF5230A SERIES



FEATURES:

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

COMMON APPLICATIONS:

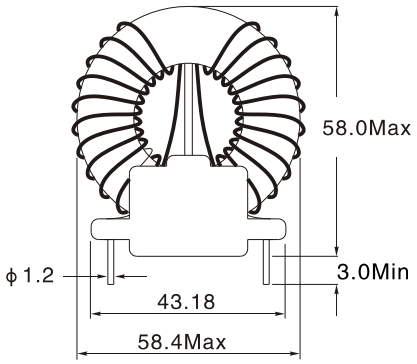
- DC/DC, AC/DC line noise suppression
- Communication System
- Automotive Systems
- LCD/PDPTelevisions
- Eliminating of electromagnetic noise of power and signal circuit.

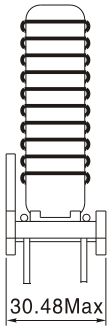
ELECTRICAL CHARACTERISTICS:

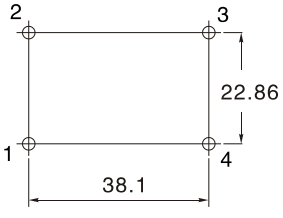
Part Number	Inductance (mH Min.) 15.75KHz,0.1V	Rated Current Amps	DCR each winding (mΩ Max)	Leakage inductance (μH) Max	Lead diameter nom
TRF5230A-723Y-1A	72	1	1150	1400	1.37
TRF5230A-124Y-1A	125	1	1150	1400	1.37
TRF5230A-363Y-2A	36	2	415	680	1.37
TRF5230A-623Y-2A	62	2	415	750	1.37
TRF5230A-193Y-4A	19	4	150	350	1.37
TRF5230A-323Y-4A	32	4	158	370	1.37
TRF5230A-153Y-6A	15	6	114	275	1.37
TRF5230A-263Y-6A	26	6	115	320	1.37
TRF5230A-103Y-9A	10	9	57	190	1.07
TRF5230A-173Y-9A	17	9	62	220	1.07
TRF5230A-752Y-12A	7.5	12	42	140	1.22
TRF5230A-133Y-12A	13	12	43	155	1.22
TRF5230A-602Y-15A	6	15	30	111	1.37
TRF5230A-103Y-15A	10	15	29	122	1.37

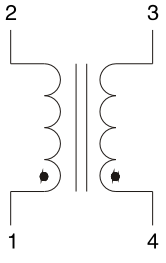
TECHNICAL INFORMATION & PHYSICAL CHARACTERISTICS:

DIMENSIONS IN:mm





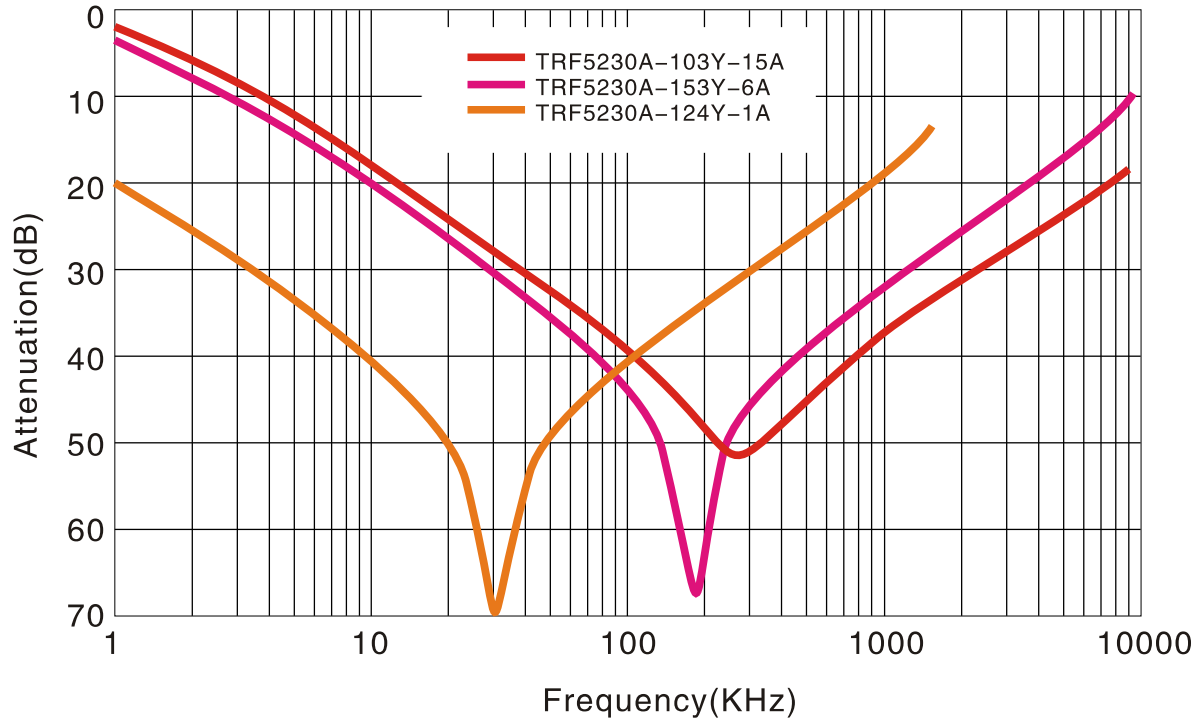




- Max operating voltage:250V at 40℃
- IDC Max: rating AC/DC current A @40℃
- Hi-Pot 1500Vac winding to winding 3S.
- Inductance Testing: 15.75KHz 0.1V HP4284A
- RDC:QuadTech 1880 Milliohmmeter
- Surge current Max 10ms: 20X IDC
- Operating temperature: -40℃ to +105℃
- Storage Temperature: -40℃ to +105℃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

