

Wire Wound Type Common Mode Filter

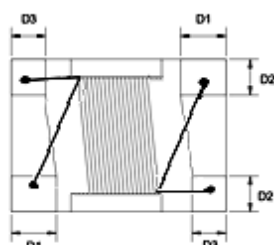
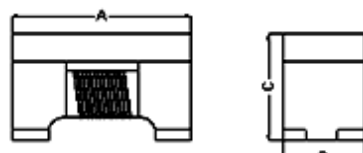
ACM4532F2NF-SERIES-D

1. Features

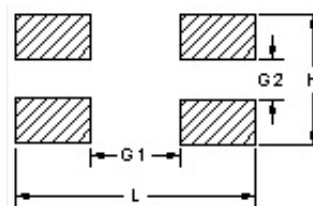
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM4532F2NF series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+150°C.(Including self - temperature rise)



2. Dimension



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	D3(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
4532F2NF	4.5±0.2	3.2±0.2	2.8±0.2	0.75±0.2	0.85±0.2	0.60±0.2	5.0	3.6	3.4	1.7

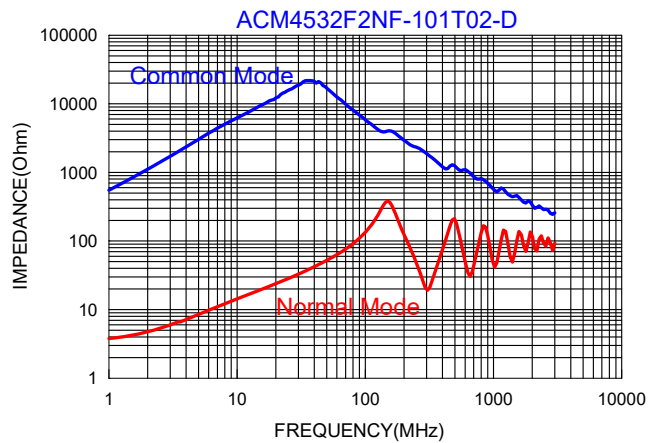
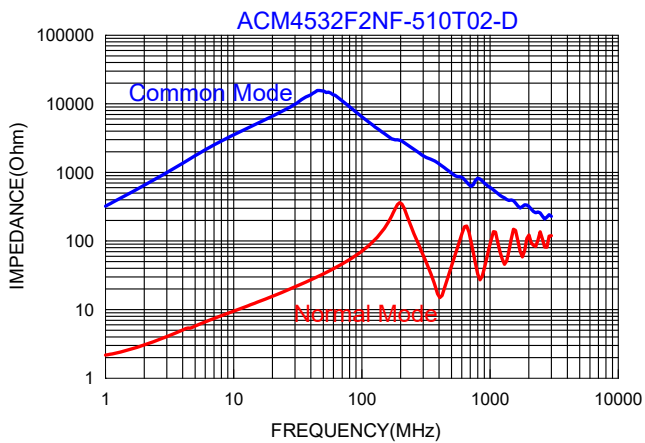
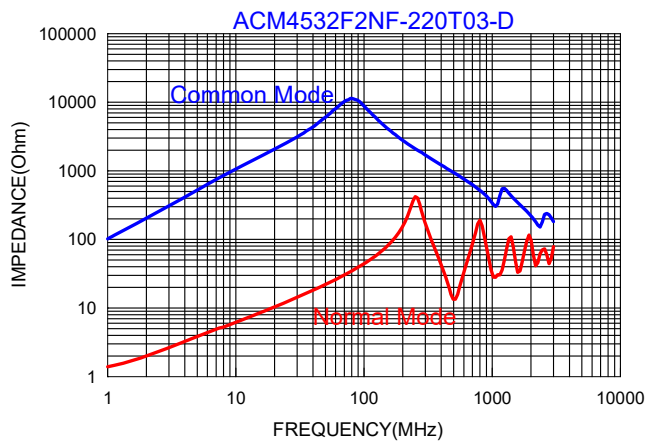
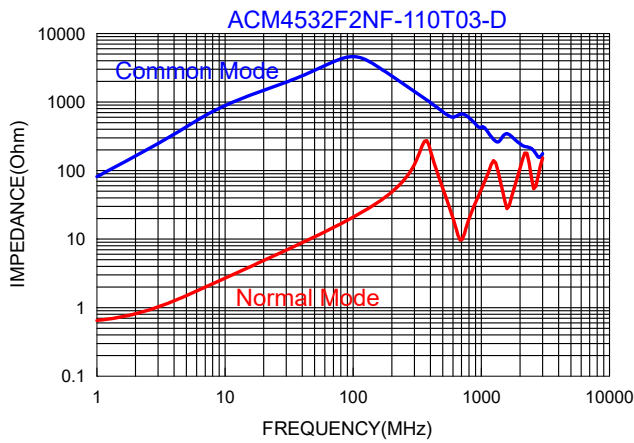
3. Part Numbering

ACM
4532
F
2
N
F
-
101
T
02
-
D

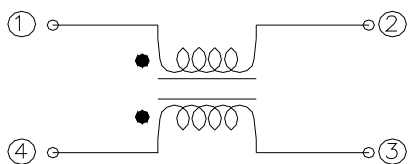
A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type N45
 F: Lead free
 G: Inductance 101=100uH
 H: Packaging T=Taping and Reel
 I: Rated Current 02=200mA
 J: Control S/N

4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω) [10MHz]		Inductance (μH)+50/-30% [100kHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA)	Withstand Volt. (Vdc) Max.	Rated Volt. (Vdc)	IR (MΩ) min.
	300 min.	600 typ.						
ACM4532F2NF-110T03-D	300 min.	600 typ.	11	0.6	360	125	50	10
ACM4532F2NF-220T03-D	500 min.	1200 typ.	22	1.0	310	125	50	10
ACM4532F2NF-510T02-D	1000 min.	2800 typ.	51	1.0	230	125	50	10
ACM4532F2NF-101T02-D	2000 min.	5800 typ.	100	2.0	200	125	50	10

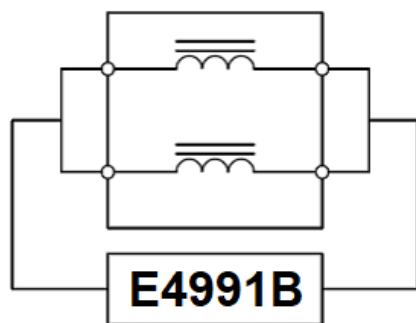


5. Schematic Diagram



6. MEASURING CIRCUITS 2LINE

Common mode



Differential mode

