

Wire Wound Type Common Mode Filter

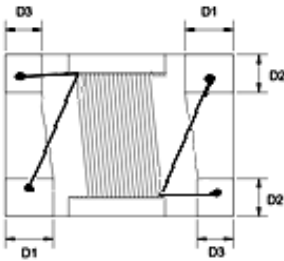
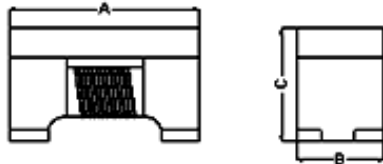
ACM4532F2NV-SERIES-D

1. Features

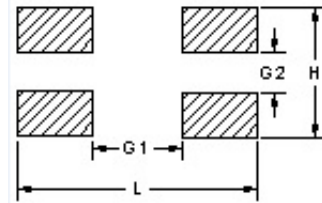
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM4532F2NV series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature -55~+150°C (Including self - temperature rise)



2. Dimension

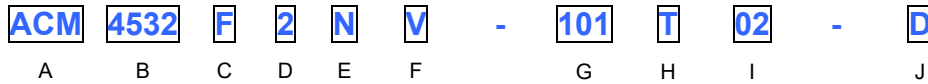


Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	D3(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
4532F2NV	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

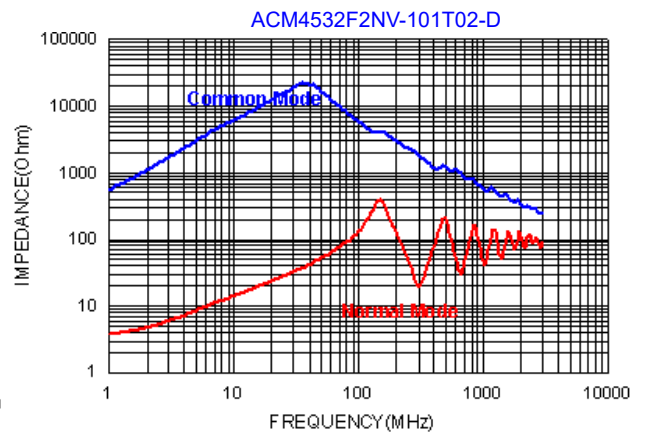
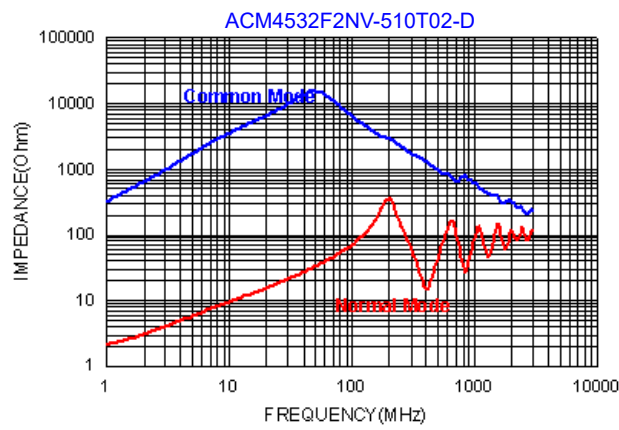
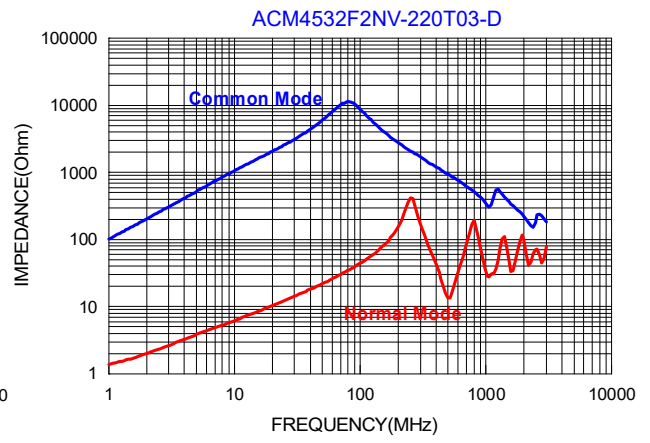
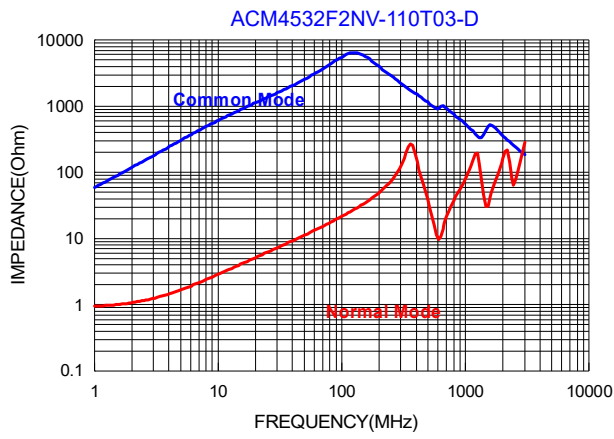
3. Part Numbering



- A: Series
- B: Dimension
- C: Material Ferrite Core
- D: Number of Lines 2=2 lines
- E: Type N45
- F: Category Code V=Vehicle
- 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)	Rated Volt. (Vdc)	IR (MΩ) min.
ACM4532F2NV-110T03-D	300 min.	600 typ.	11	0.6	360	50	10
ACM4532F2NV-220T03-D	500 min.	1200 typ.	22	1.0	310	50	10
ACM4532F2NV-510T02-D	1000 min.	2800 typ.	51	1.0	230	50	10
ACM4532F2NV-101T02-D	2000 min.	5800 typ.	100	2.0	200	50	10



5. Schematic Diagram

