

# Wire Wound Type Common Mode Filter

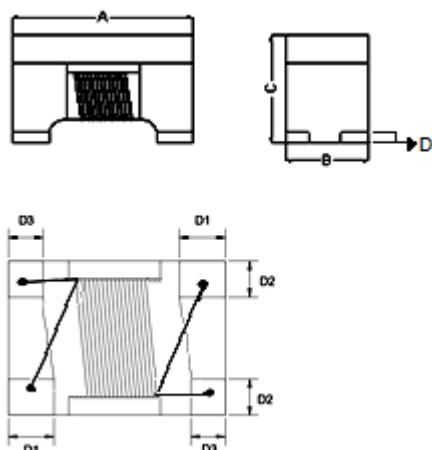
FACM4532F2NV-SERIES-D

## 1. Features

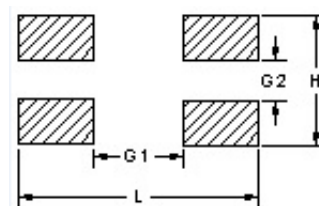
1. Excellent noise suppression performance at high frequency and high common mode impedance
2. FACM4532F2NV series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature -55~+150°C (Including self - temperature rise)



## 2. Dimension

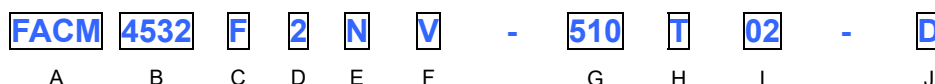


Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D(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	≥0.4	0.75±0.2	0.85±0.2	0.60±0.2	5.0	3.6	3.4	1.7

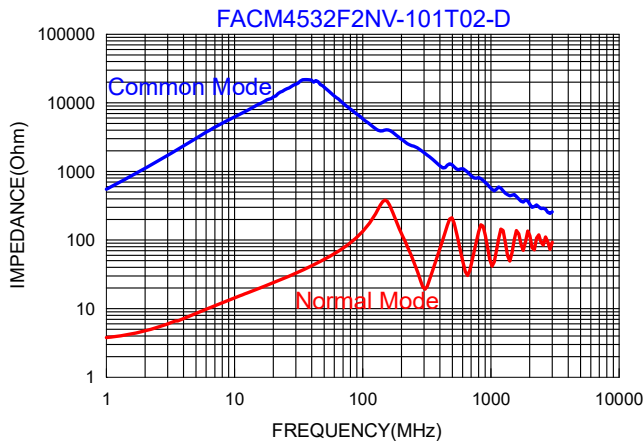
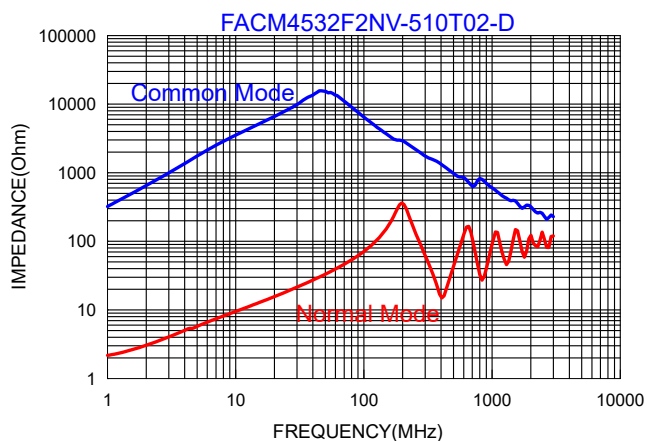
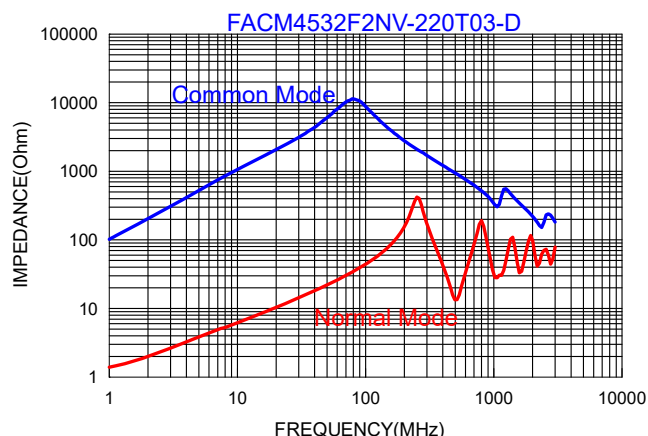
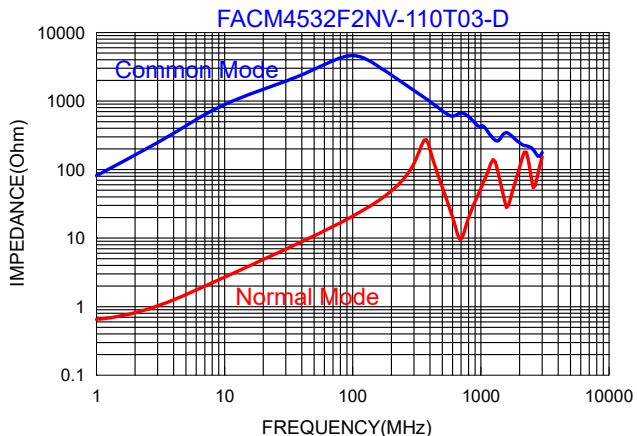
## 3. Part Numbering



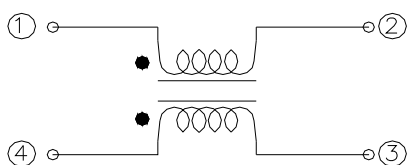
A: Series	
B: Dimension	
C: Material	Ferrite Core
D: Number of Lines	2=2 lines
E: Type	N45
F: Category Code	V=Vehicle
G: Inductance	510=51uH
H: Packaging	T=Taping and Reel
I: Rated Current	02=230mA
J: Control S/N	Anti-static packaging

## 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) max.	IR (MΩ) min.
FACM4532F2NV-110T03-D	300 min.	600 typ.	11	0.6	360	125	50	10
FACM4532F2NV-220T03-D	500 min.	1200 typ.	22	1.0	310	125	50	10
FACM4532F2NV-510T02-D	1000 min.	2800 typ.	51	1.0	230	125	50	10
FACM4532F2NV-101T02-D	2000 min.	5800 typ.	100	2.0	200	125	50	10

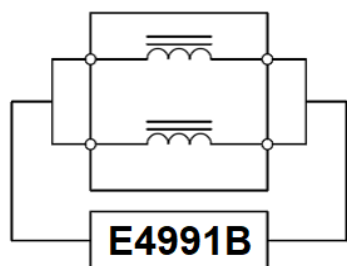


**5. Schematic Diagram**



**6. MEASURING CIRCUITS 2LINE**

**Common mode**



**Differential mode**

