

Wire Wound Type Common Mode Filter

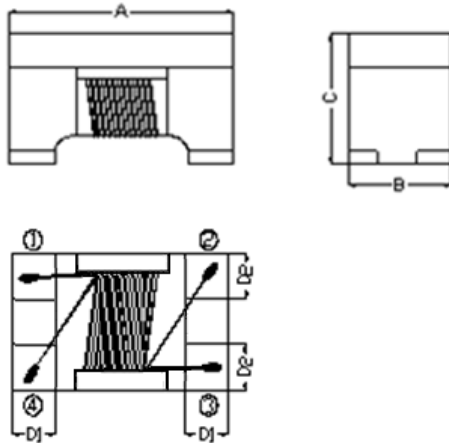
ACM3225F2DV-SERIES-D

1. Features

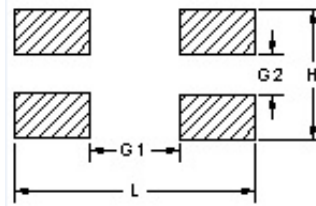
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM3225F2DV series realizes small size and low profile 3.2x2.5x2.5 mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature -55~+150°C (Including self - temperature rise).
5. High reliability -Reliability tests comply with AEC-Q200.



2. Dimension



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
3225F2DV	3.3±0.2	2.5±0.2	2.5 max	0.55±0.15	0.75±0.20	3.7	2.3	2.2	0.6

Units: mm

3. Part Numbering

ACM	3225	F	2	D	V	-	110	T	03	-	D
A	B	C	D	E	F		G	H	I		J

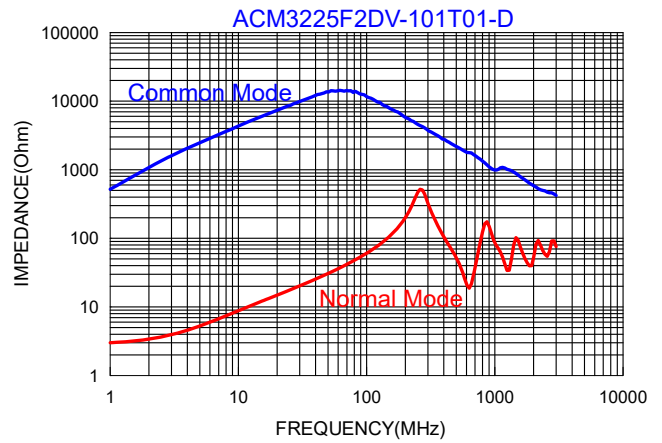
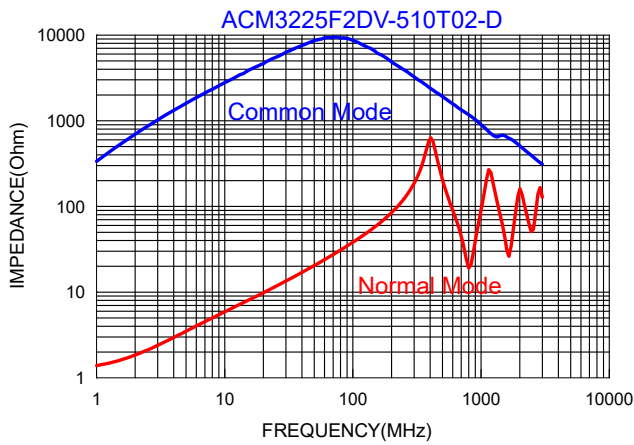
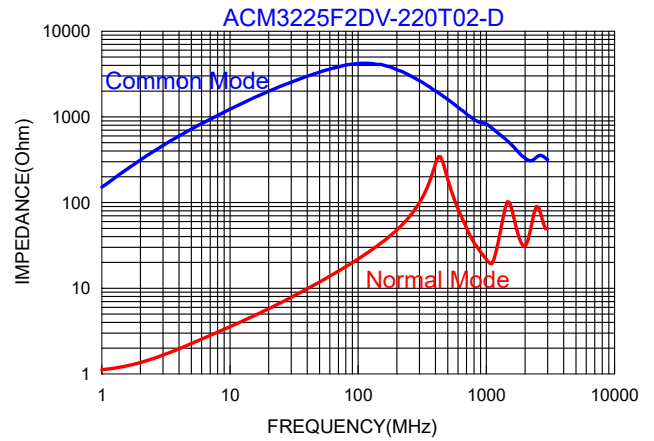
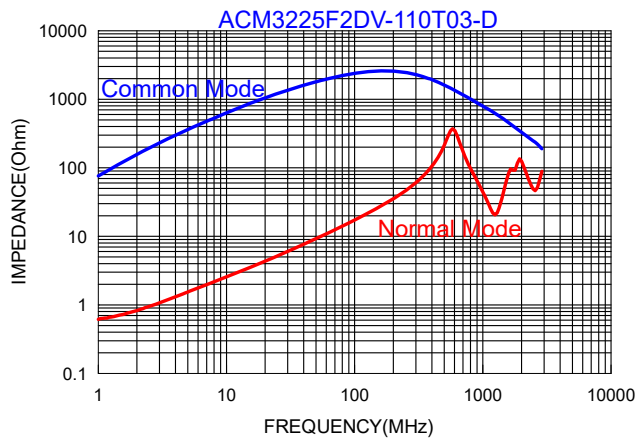
A: Series	
B: Dimension	
C: Material	Ferrite Core
D: Number of Lines	2=2 lines
E: Type	W4D
F: Category Code	V=Vehicle
G: Inductance	110=11(μH)
H: Packaging	T=Taping and Reel
I: Rated Current	03=300mA
J: Control S/N	

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) max.	Rated voltage (Vdc) max.	Insulation Resistance (MΩ) min.
ACM3225F2DV-110T03-D	300 min.	550 typ.	11	0.4	300	80	10
ACM3225F2DV-220T02-D	500 min.	1100 typ.	22	0.5	250	80	10
ACM3225F2DV-510T02-D	1000 min.	2600 typ.	51	0.7	200	80	10
ACM3225F2DV-101T01-D	2200 min.	5100 typ.	100	1.5	150	80	10

Note:

- Samples Quantity : 10 pcs
- All test data referenced to 25°C ambient.



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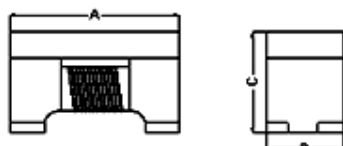
ACM4532F2NV-SERIES-D

1. Features

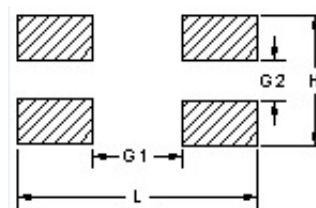
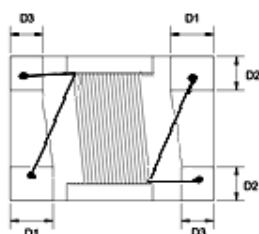
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM4532F2NV series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200.
5. Operating temperature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

ACM	4532	F	2	N	V	-	101	T	02	-	D
A	B	C	D	E	F		G	H	I		J

- 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)	Withstand Volt. (Vdc) Max.	Rated Volt. (Vdc) max.	Insulation Resistance (MΩ) min.
ACM4532F2NV-110T03-D	300 min.	600 typ.	11	0.6	360	125	50	10
ACM4532F2NV-220T03-D	500 min.	1200 typ.	22	1.0	310	125	50	10
ACM4532F2NV-510T02-D	1000 min.	2800 typ.	51	1.0	230	125	50	10
ACM4532F2NV-101T02-D	2000 min.	5800 typ.	100	2.0	200	125	50	10

Note:

- Samples Quantity : 10 pcs
- All test data referenced to 25℃ ambient.

