

# Wire Wound Type Common Mode Filter

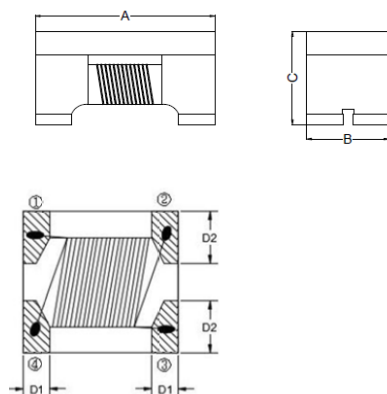
ACM3225F2DV-SERIES

## 1. Features

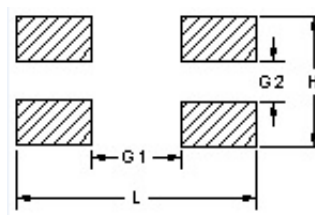
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM3225F2DV series realizes small size and low profile 3.2x2.5x2.2 mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature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



## 2. Dimension



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
3225F2DV	3.2±0.2	2.5±0.2	2.2±0.2	0.65±0.1	1.0±0.1	4.4	3.5	2.3	0.8

Units: mm

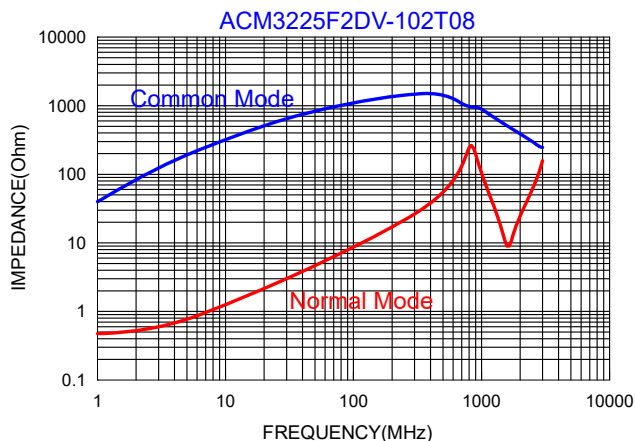
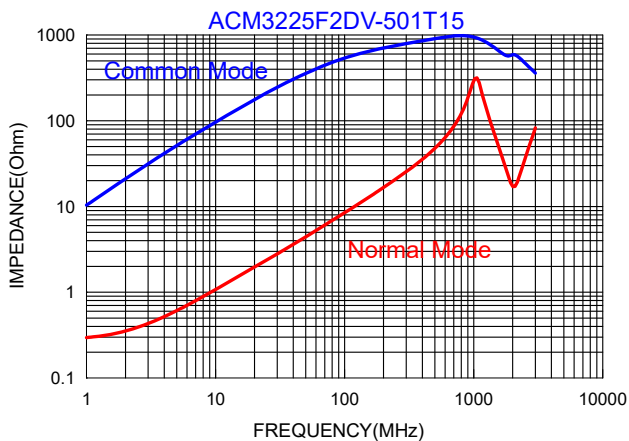
## 3. Part Numbering



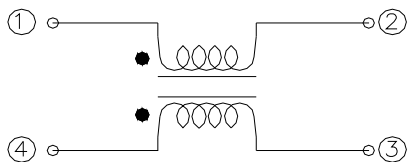
A: Series	
B: Dimension	
C: Material	Ferrite Core
D: Number of Lines	2=2 lines
E: Type	W4D
F: Category Code	V=Vehicle
G: Impedance	102=1000(Ω)
H: Packaging	T=Taping and Reel
I: Rated Current	08=800mA

## 4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω) [100MHz]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated voltage (Vdc) max.	IR (MΩ) min.
ACM3225F2DV-501T15	500±25%	0.13	1500	80	10
ACM3225F2DV-102T08	1000±25%	0.15	800	80	10

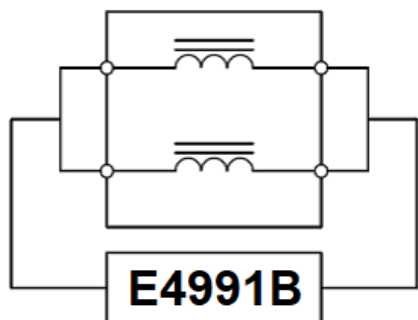


**5. Schematic Diagram**



**6. MEASURING CIRCUITS 2LINE**

**Common mode**



**Differential mode**

