

Wire Wound Type Common Mode Filter

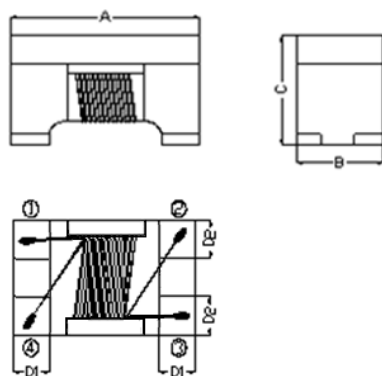
ACM3225F2SV-SERIES

1. Features

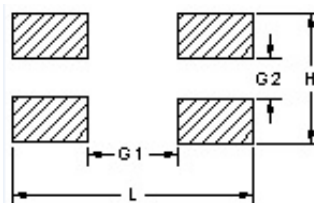
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM3225F2S series realizes small size and low profile 3.2x2.5x2.2 mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature -40~+85°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)
3225F2SV	3.2±0.2	2.5±0.2	2.2±0.2	0.65±0.1	1.0±0.1	4.1	3.5	2.3	0.8

Units: mm

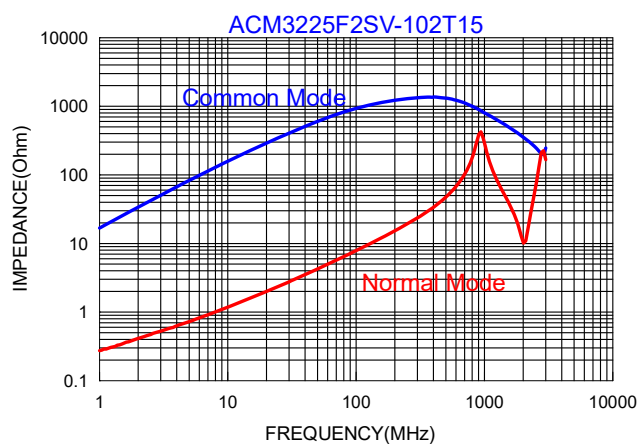
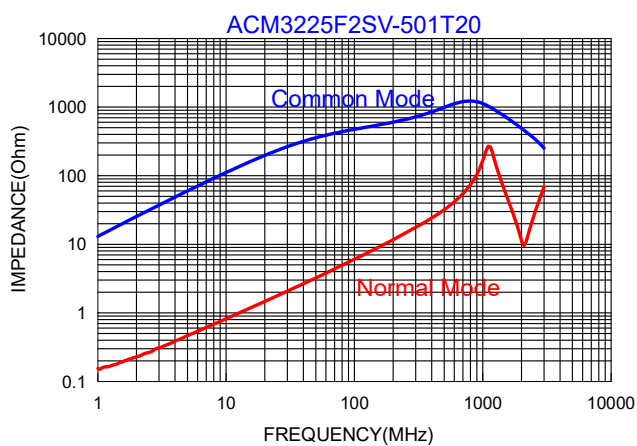
3. Part Numbering

ACM	3225	F	2	S	V	-	501	T	20
A	B	C	D	E	F		G	H	I

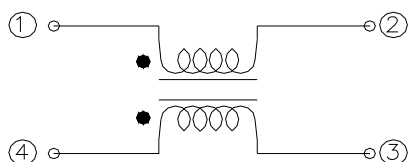
A: Series	
B: Dimension	
C: Material	Ferrite Core
D: Number of Lines	2=2 lines
E: Type	S=Shielded , N=Unshielded
F: Category Code	V=Vehicle
G: Impedance	501=500Ω
H: Packaging	T=Taping and Reel
I: Rated Current	20=2000mA

4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)max.	Rated Volt. (Vdc)max.	IR (MΩ) min.
ACM3225F2SV-501T20	500±25%	100	0.10	2000	60	10
ACM3225F2SV-102T15	1000±25%	100	0.10	1500	60	10

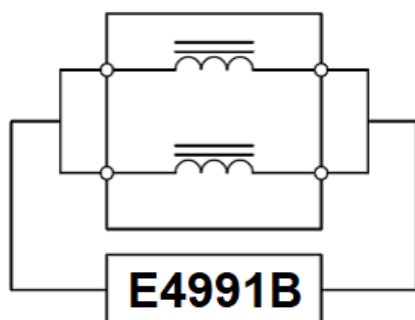


5. Schematic Diagram



6. MEASURING CIRCUITS 2LINE

Common mode



Differential mode

