

# Wire Wound Type Common Mode Filter

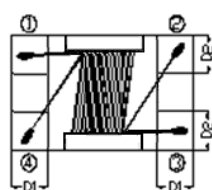
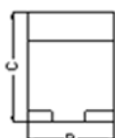
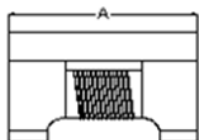
ACM3225F2SF-SERIES

## 1. Features

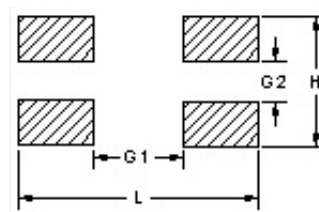
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM3225F2SF series realizes small size and low profile 3.2x2.5x2.2 mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature -40~+85°C (Including self - temperature rise)



## 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)
3225F2SF	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



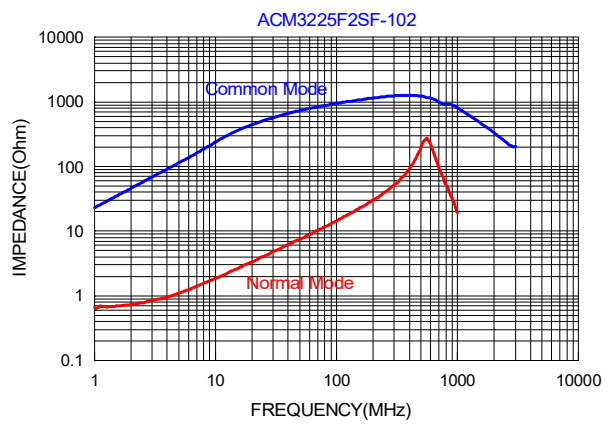
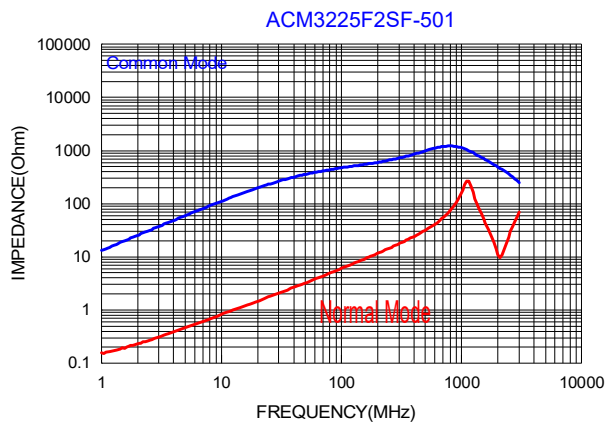
- A: Series  
 B: Dimension  
 C: Material      Ferrite Core  
 D: Number of Lines      2=2 lines  
 E: Type      S=Shielded , N=Unshielded  
 F: Lead free  
 G: Impedance      102=1000Ω  
 H: Packaging      T=Taping and Reel  
 I: Rated Current      15=1500mA

## 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.
ACM3225F2SF-501T20	500±25%	100	0.10	2000	60	10
ACM3225F2SF-102T15	1000±25%	100	0.10	1500	60	10

Note:

1. Test Frequency : Impedance:100MHz
2. Testing Instrument : L:Agilent-4291A,Agilent-16197A      DCR: Agilent-4338B
3. Operating temperature -40°C ~ +85°C
4. All test data is referenced to 25°C ambient.



### 5. Schematic Diagram

