

# Wire Wound Type Common Mode Filter

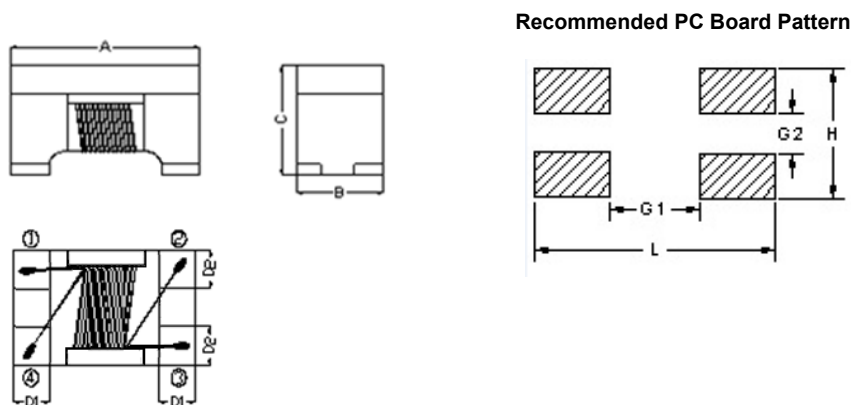
ACM3225F2SF-SERIES

## 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



| 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

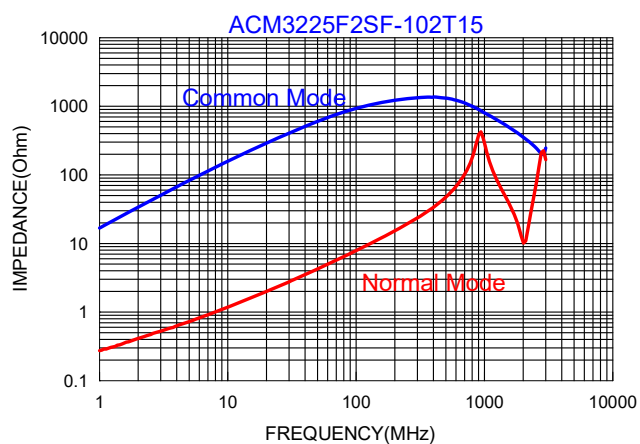
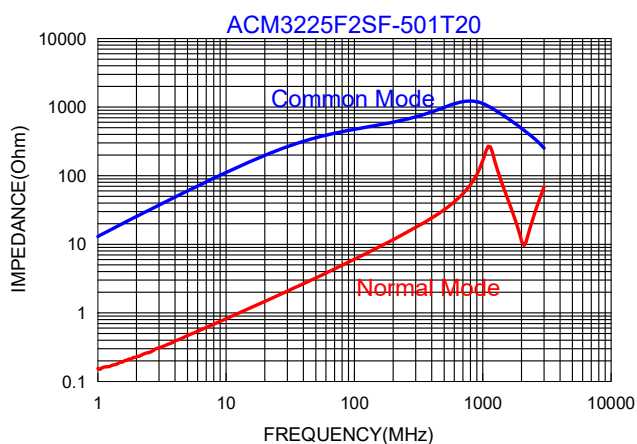
## 3. Part Numbering

|     |      |   |   |   |   |   |     |   |    |
|-----|------|---|---|---|---|---|-----|---|----|
| ACM | 3225 | F | 2 | S | F | - | 102 | T | 15 |
| A   | B    | C | D | E | F |   | G   | H | I  |

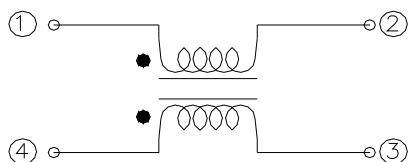
- A: Series  
 B: Dimension  
 C: Material      Ferrite Core  
 D: Number of Lines      2=2 lines  
 E: Type      S=Shielded , N=Unshielded  
 F: Lead free  
 G: Impedance      102=1000Ω  
 H: Packaging      T=Taping and Reel  
 I: Rated Current      15=1500mA

## 4. Specification

| TAI-TECH<br>Part Number | Common mode<br>Impedance (Ω) | Test<br>Frequency<br>(MHz) | DC<br>Resistance<br>(Ω) max. | Rated<br>Current<br>(mA)max. | Rated Volt.<br>(Vdc)max. | IR<br>(MΩ) min. |
|-------------------------|------------------------------|----------------------------|------------------------------|------------------------------|--------------------------|-----------------|
| ACM3225F2SF-501T20      | 500±25%                      | 100                        | 0.10                         | 2000                         | 60                       | 10              |
| ACM3225F2SF-102T15      | 1000±25%                     | 100                        | 0.10                         | 1500                         | 60                       | 10              |

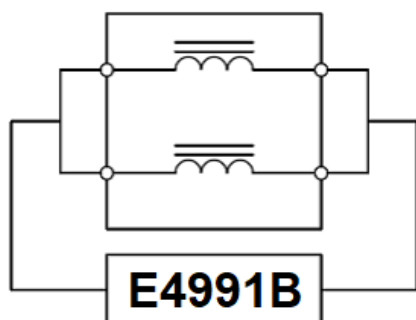


## 5. Schematic Diagram



## 6. MEASURING CIRCUITS 2LINE

### Common mode



### Differential mode

