# Wire Wound Type Common Mode Filter

ACM3225F2SO-SERIES

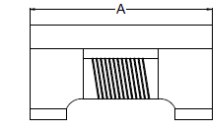
## 1. Features

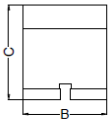
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM3225F2SO series realizes small size and low profile 3.2x2.5x2.2 mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature -40~+85℃ (Including self - temperature rise).

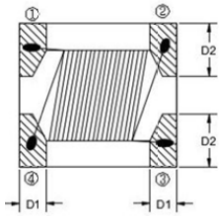
Halogen-free

RoHS

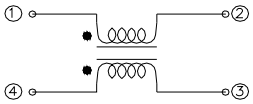
## 2. Dimension



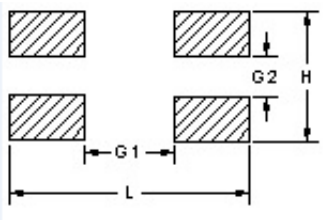




Bottom View




Schematic Diagram

**Recommended PC Board Pattern**




| Series | A(mm) | B(mm) | C(mm) | D1(mm) | D2(mm) | L(mm) | H(mm) | G1(mm) | G2(mm) |
|---|---|---|---|---|---|---|---|---|---|
| 3225F2SO | 3.20±0.20 | 2.50±0.20 | 2.20±0.20 | 0.65±0.10 | 1.00±0.10 | 4.10 | 3.50 | 2.30 | 0.80 |

Units: mm

## 3. Part Numbering

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

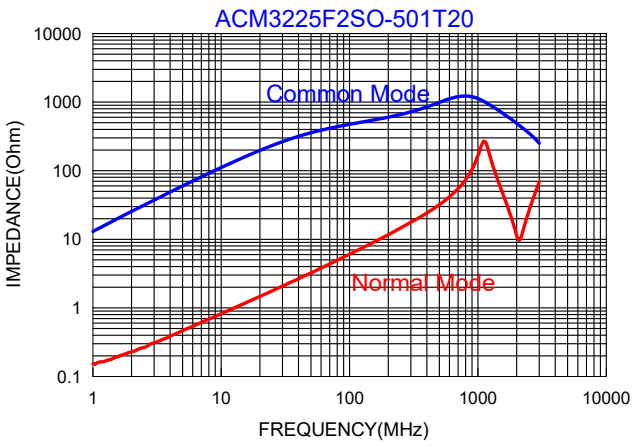
A: Series
B: Dimension
C: Material Ferrite Core
D: Number of Lines 2=2 lines
E: Type S=Shielded, N=Unshielded
F: Category Code Industrial Grade
G: Impedance 102=1000Ω
H: Packaging T=Taping and Reel
I : Rated Current 15=1500mA

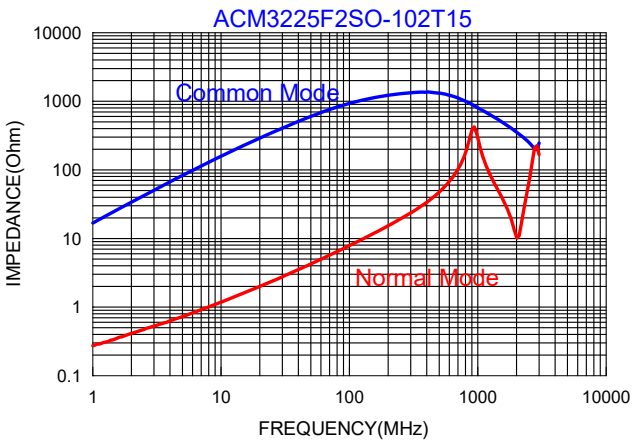
## 4. Specification

| TAI-TECH Part Number | Common mode Impedance (Ω) | Test Frequency (MHz) | DCR (Ω) max. | Rated Current (mA) max. | Rated Volt. (Vdc) max. | Insulation Resistance (MΩ) min. |
|---|---|---|---|---|---|---|
| ACM3225F2SO-501T20 | 500±25% | 100 | 0.10 | 2000 | 60 | 10 |
| ACM3225F2SO-102T15 | 1000±25% | 100 | 0.10 | 1500 | 60 | 10 |

Note:

- All test data referenced to 25℃ ambient.




## 5. MEASURING CIRCUITS 2LINE

