

Wire Wound Type Common Mode Filter

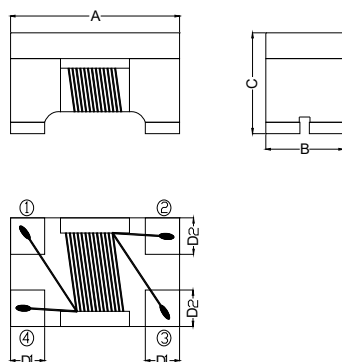
ACM3225F2DV-102T08

1. Features

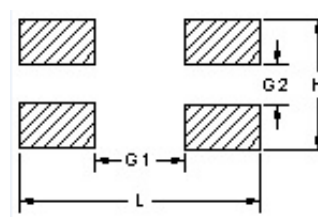
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM3225F2DV series realizes small size and low profile 3.2x2.5x2.2 mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature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

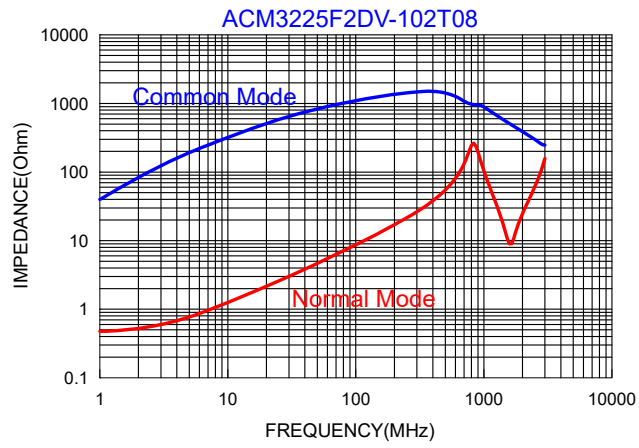
3. Part Numbering



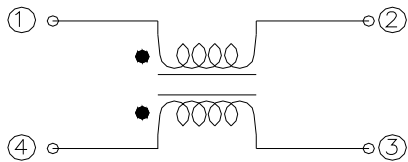
| | |
|--------------------|-------------------|
| A: Series | |
| B: Dimension | |
| C: Material | Ferrite Core |
| D: Number of Lines | 2=2 lines |
| E: Type | W4D |
| F: Category Code | V=Vehicle |
| G: Impedance | 102=1000(Ω) |
| H: Packaging | T=Taping and Reel |
| I: Rated Current | 08=800mA |

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-102T08 | 1000±25% | 0.15 | 800 | 80 | 10 |

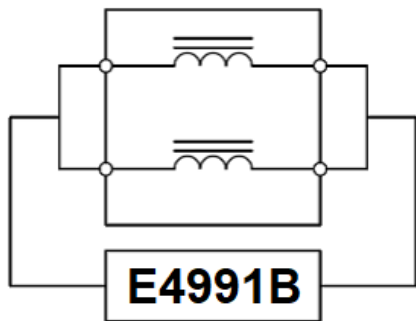


5. Schematic Diagram



6. MEASURING CIRCUITS 2LINE

Common mode



Differential mode

