Wire Wound Type Common Mode Filter

ACM3225F2DO-SERIES

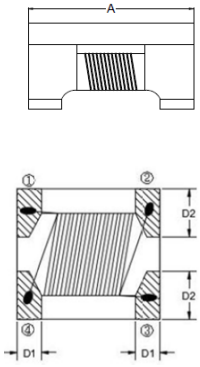
1. Features

1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM3225F2DO 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~+125℃(Including self - temperature rise).

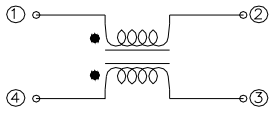
Halogen-free

RoHS

2. Dimension

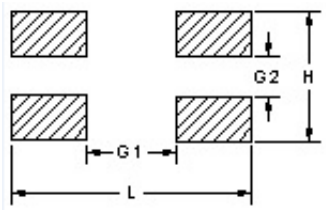


Bottom View



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)
3225F2DO	3.20±0.20	2.50±0.20	2.20±0.20	0.65±0.10	1.00±0.10	4.40	3.50	2.30	0.80

Units: mm

3. Part Numbering

ACM	3225	F	2	D	O	-	102	T	08
A	B	C	D	E	F		G	H	I

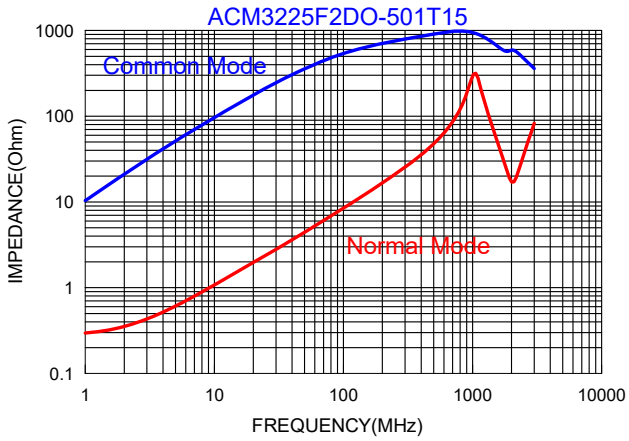
A: Series
B: Dimension
C: Material — Ferrite Core
D: Number of Lines — 2=2 lines
E: Type — W4D
F: Category Code — Industrial Grade
G: Impedance — 102=1000(Ω)
H: Packaging — T=Taping and Reel
I : Rated Current — 08=800mA

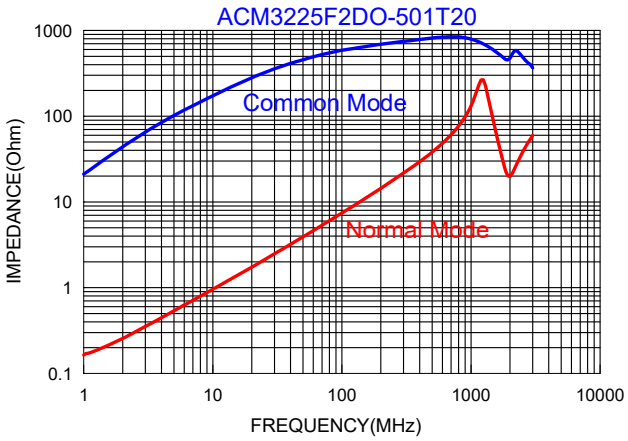
4. Specification

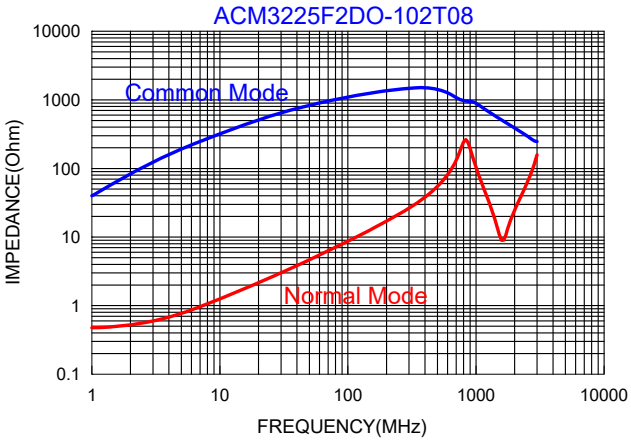
TAI-TECH Part Number	Common mode Impedance (Ω) [100MHz]	DCR (Ω) max.	Rated Current (mA) max.	Rated voltage (Vdc) max.	Insulation Resistance (MΩ) min.
ACM3225F2DO-501T15	500±25%	0.13	1500	80	10
ACM3225F2DO-501T20	500±25%	0.10	2000	80	10
ACM3225F2DO-102T08	1000±25%	0.15	800	80	10
ACM3225F2DO-102T15	1000±25%	0.10	1500	80	10

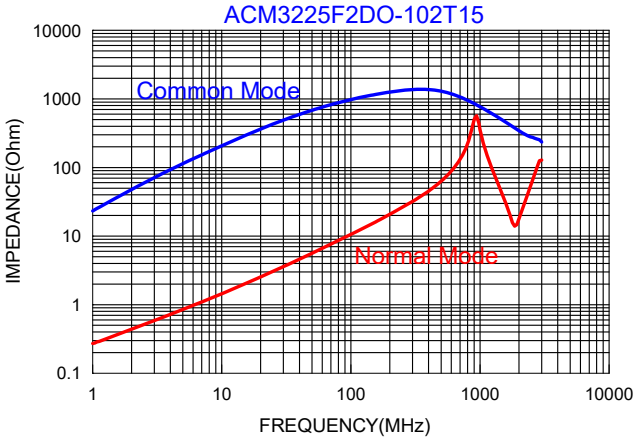
Note:

● All test data referenced to 25℃ ambient.









5. MEASURING CIRCUITS 2LINE

