

Wire Wound Type Common Mode Filter

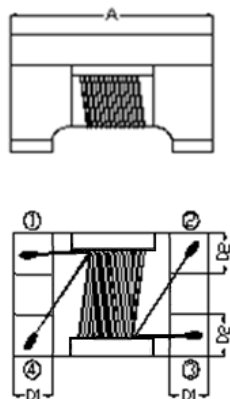
ACM3225F2UV-241T007-D

1. Features

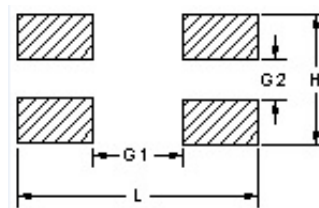
1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. ACM3225F2U series realizes small size and low profile 3.2x2.5x2.5 mm
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. For 10BASE-T1S system (IEEE 802.3cg).
6. Operating temperature -40~+125°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)
3225F2U	3.3±0.2	2.5±0.2	2.5 max	0.55±0.15	1.00±0.20	3.7	2.8	2.4	0.6

Units: mm

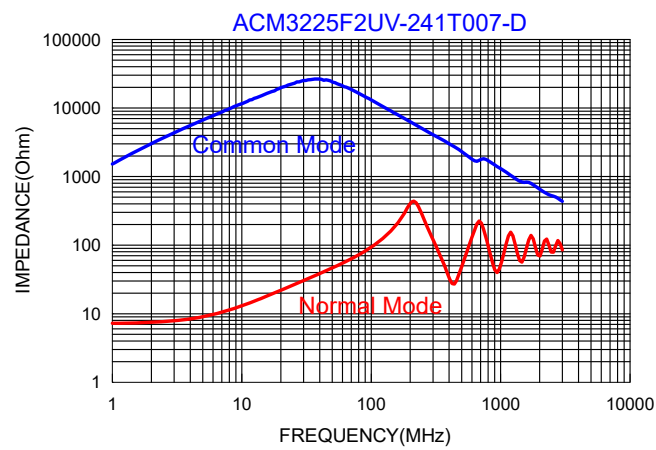
3. Part Numbering

ACM	3225	F	2	U	V	-	241	T	007	-	D
A	B	C	D	E	F		G	H	I		J

- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type W7
 F: Category Code V=Vehicle
 G: Inductance 241=240(μH)
 H: Packaging T=Taping and Reel
 I: Rated Current 007=70mA
 J: Control S/N

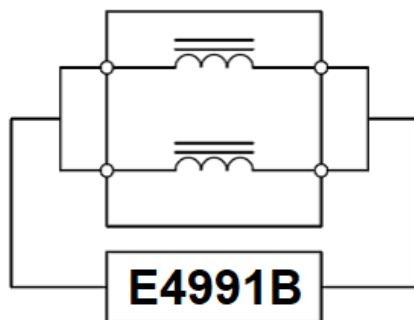
4. Specification

TAI-TECH Part Number	Inductance (μH) [100kHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated voltage (Vdc) max.	IR (MΩ) min.
ACM3225F2UV-241T007-D	240 +50%/-20%	4.1	70	80	10



5. MEASURING CIRCUITS 2LINE

Common mode



Differential mode

