

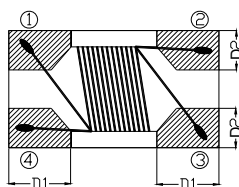
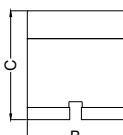
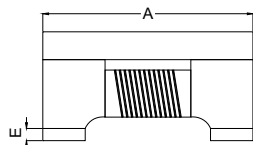
## Wire Wound Type Common Mode Filter For Power Over Coaxial APOC2012F2SV-SERIES

### 1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. APOC2012F2SV series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature-55~+125°C (Including self - temperature rise)



### 2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
2012F2SV	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

### 3. Part Numbering

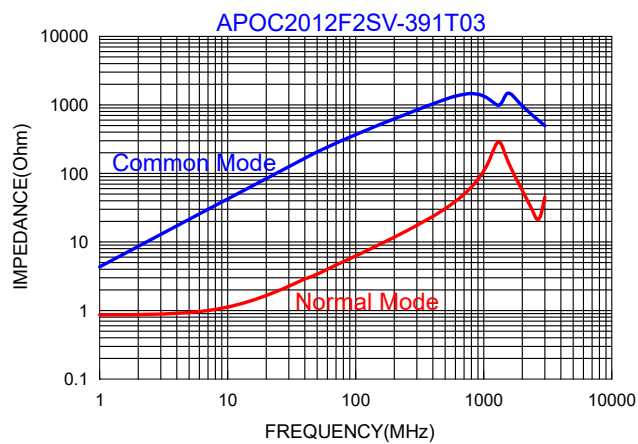
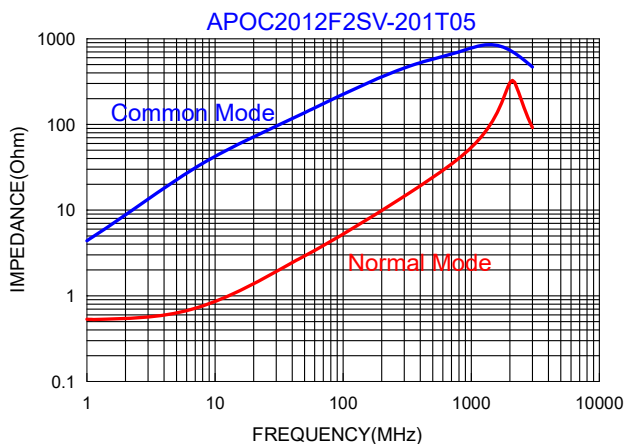


A: Series	
B: Dimension	
C: Material	Ferrite Core
D: Number of Lines	2=2 lines
E: Type	S=Shielded , N=Unshielded
F: Category Code	V=Vehicle
G: Impedance	201=200Ω
H: Packaging	T=Taping and Reel
I: Rated Current	05=500mA

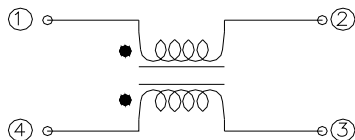
### 4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
APOC2012F2SV-201T05	200±25%	100	0.168	500	50	125	10M
APOC2012F2SV-391T03	390±25%	100	0.360	300	50	125	10M

### Typical Impedance v.s. Frequency Curve



### 5. Schematic Diagram



### 6. Soldering and Mounting

#### 6-1. Recommended PC Board Pattern

APOC2012F2S	
L(mm)	2.60
H(mm)	1.40
G1(mm)	1.25
G2(mm)	0.45

