

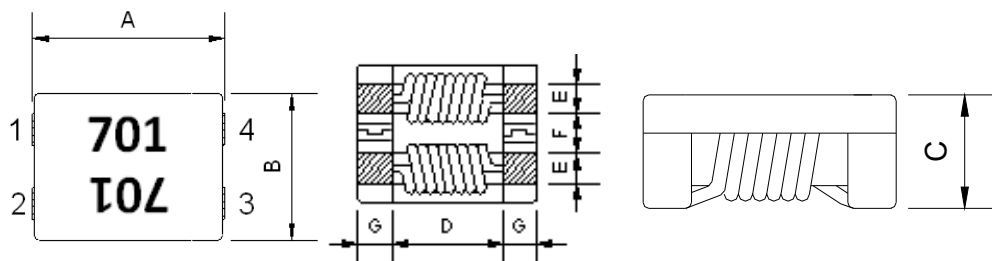
# Wire Wound Power Common Mode Filter WCM1211FASV-SERIES-LM

## 1. Features

1. High reliability -Reliability tests comply with AEC-Q200
2. Operating temperature-40~+125°C (Including self - temperature rise)



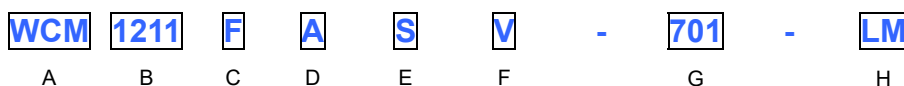
## 2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
WCM1211	12.0±0.5	11.0±0.3	6.0 max.	6.7 typ.	2.7±0.5	2.6±0.5	2.6±0.5

Unit:mm

## 3. Part Numbering



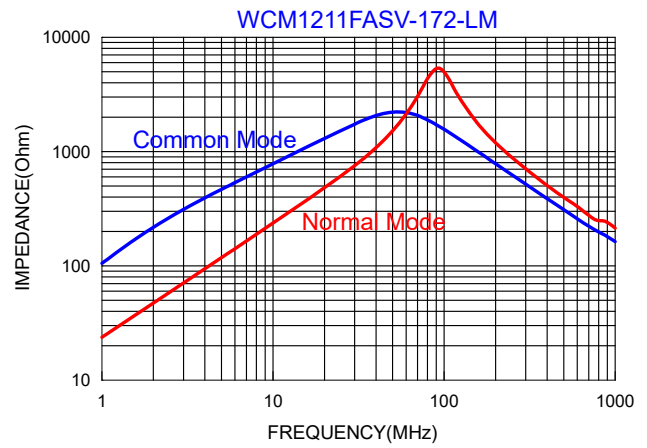
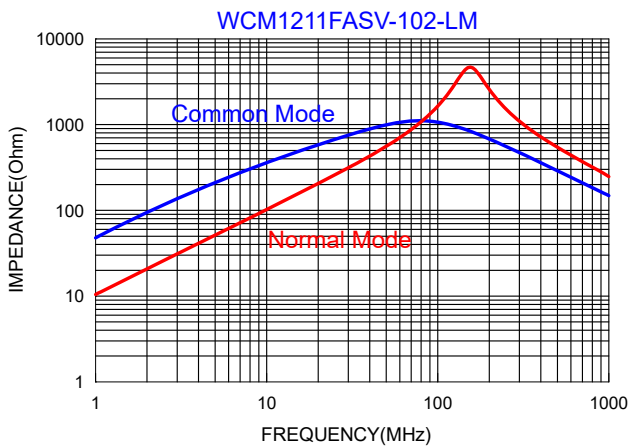
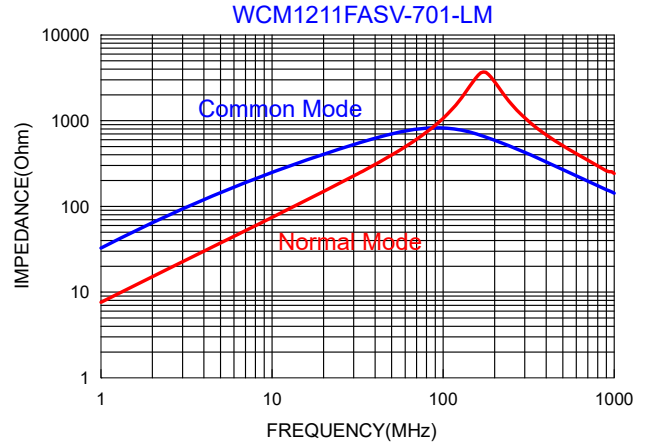
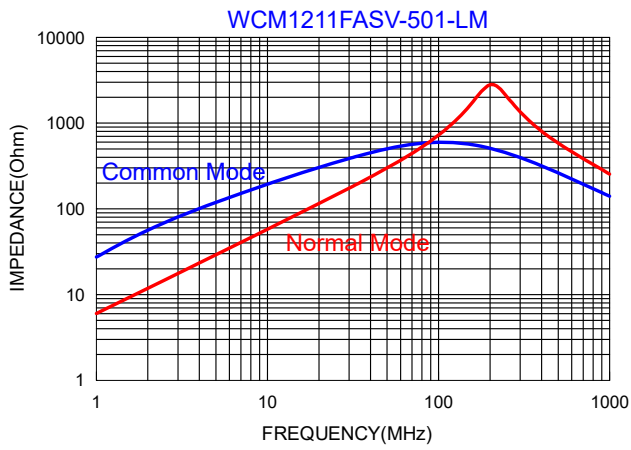
- A: Series  
 B: Dimension  
 C: Material                      Ferrite Core  
 D: Process                        Assembled  
 E: Type                            S=Shielded , N=Unshielded  
 F: Category Code                V=Vehicle  
 G: Impedance                    701=700Ω  
 H: Laser Marking

## 4. Specification

TAI-TECH Part Number	Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc) max.	Insulation Resistance (MΩ) min.
	min.	typ.					
WCM1211FASV-501-LM	300	500	100	4	11	80	10
WCM1211FASV-701-LM	500	700	100	5	9	80	10
WCM1211FASV-102-LM	750	1000	100	8	7	80	10
WCM1211FASV-172-LM	1200	1700	100	12	5.5	80	10

Note:

- Measurement board data  
 Material : FR4  
 Board dimensions : 100 X 50 X 1.6t mm  
 Pattern dimensions: 45 X 30 mm (Double side board)  
 Pattern thickness : 50 μm



### 5. Schematic Diagram

