

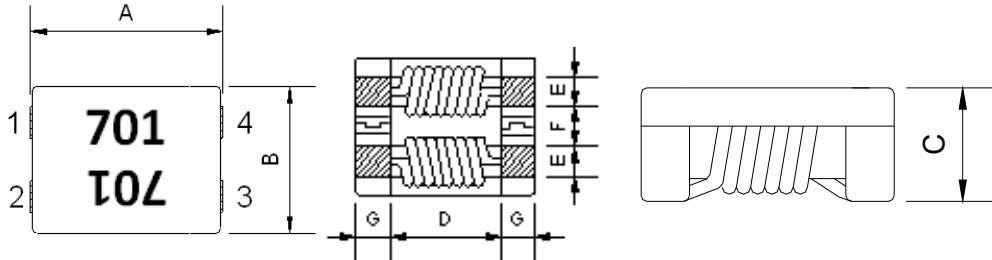
Wire Wound Power Common Mode Filter WCM9070FASV-SERIES-LM

1. Features

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



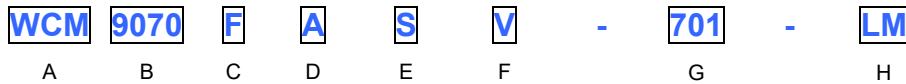
2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
WCM9070	9.0±0.5	7.0±0.2	4.5 max.	5.3 typ.	1.5±0.5	2.1±0.5	1.8±0.5

Unit:mm

3. Part Numbering



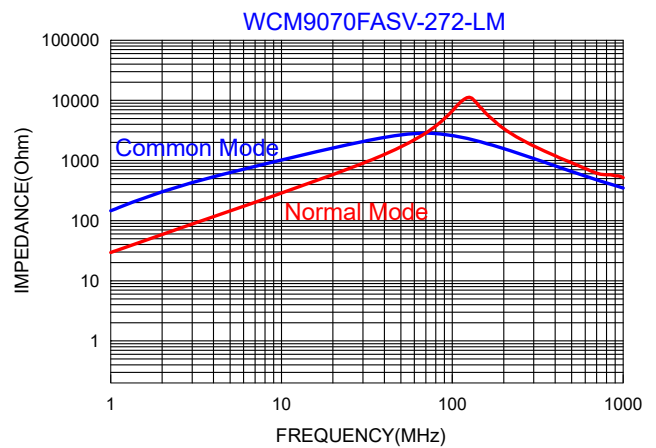
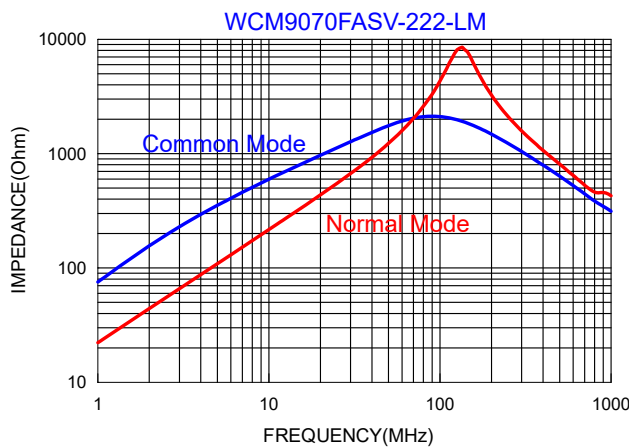
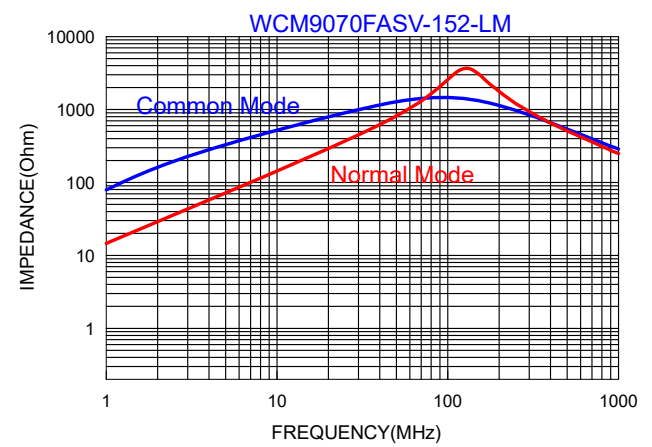
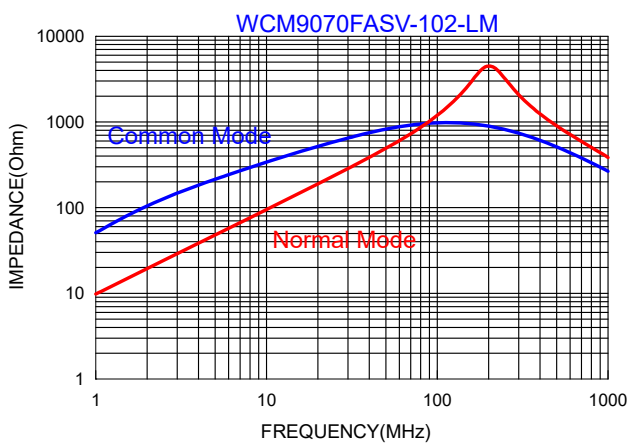
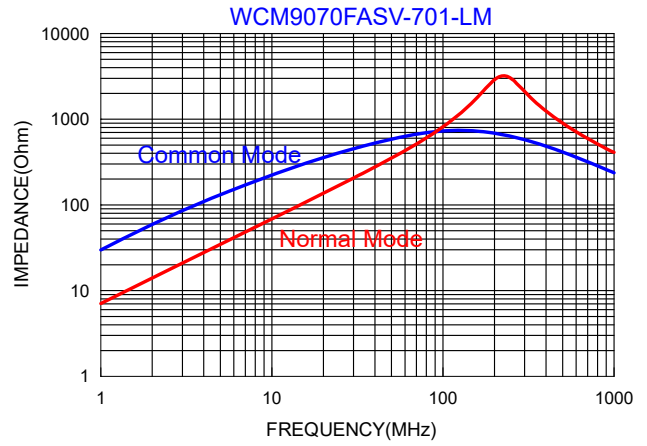
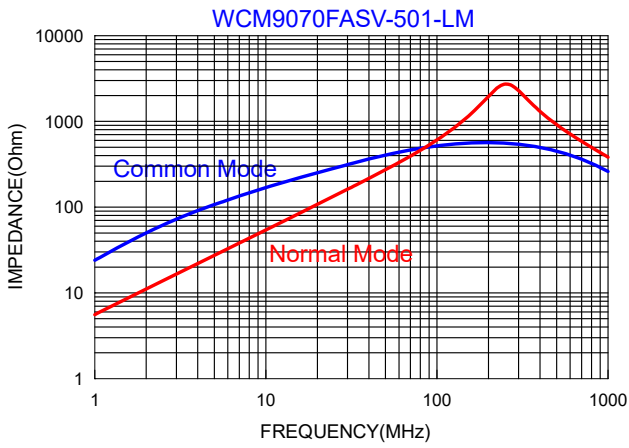
- A: Series
- B: Dimension
- C: Material Ferrite Core
- D: Process Assembled
- E: Type S=Shielded , N=Unshielded
- F: Category Code V=Vehicle
- G: Impedance 701=700Ω
- H: Laser Marking

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.					
WCM9070FASV-501-LM	300	500	100	6	8.0	80	10
WCM9070FASV-701-LM	500	700	100	9	6.0	80	10
WCM9070FASV-102-LM	750	1000	100	10	5.0	80	10
WCM9070FASV-152-LM	1000	1500	100	15	4.5	80	10
WCM9070FASV-222-LM	1700	2200	100	25	4.0	80	10
WCM9070FASV-272-LM	2000	2700	100	32	3.5	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

