

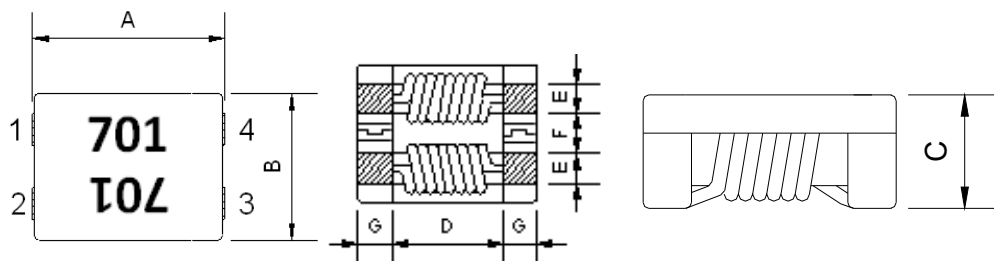
Wire Wound Power Common Mode Filter WCM7060FASV-SERIES-LM

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)
WCM7060	7.0±0.5	6.0±0.5	3.8 max.	3.5 typ.	1.5±0.5	1.5±0.5	1.7±0.5

Unit:mm

3. Part Numbering

WCM	7060	F	A	S	V	-	701	-	LM
A	B	C	D	E	F		G		H

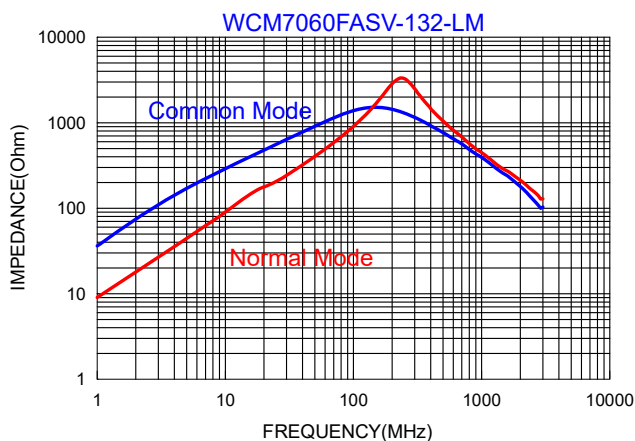
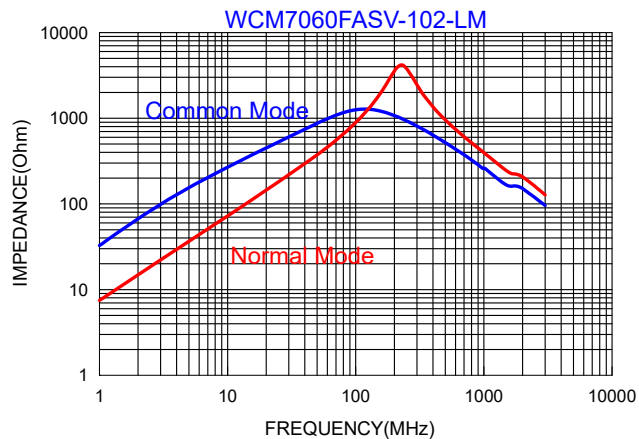
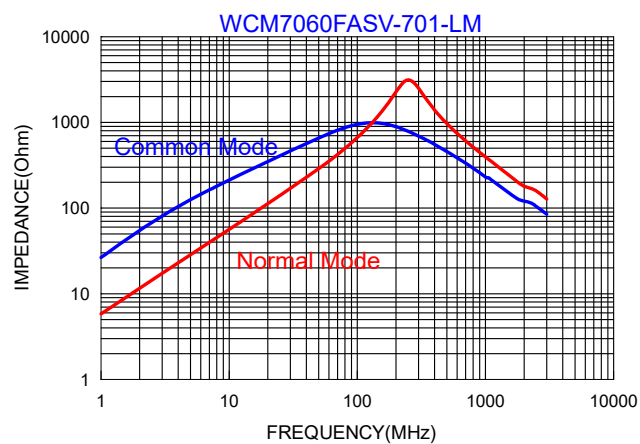
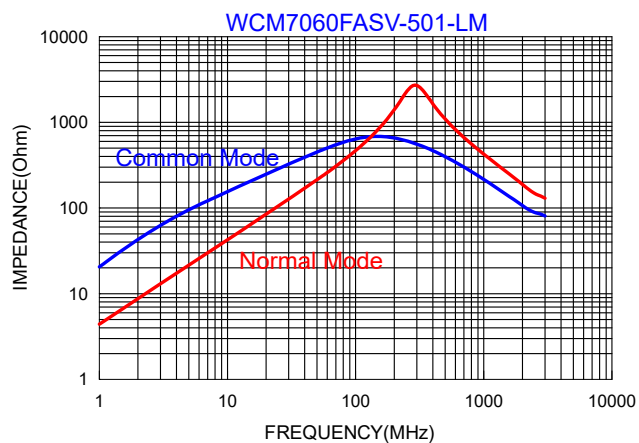
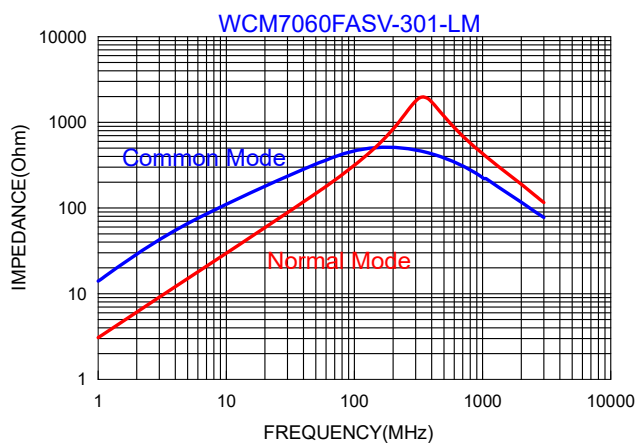
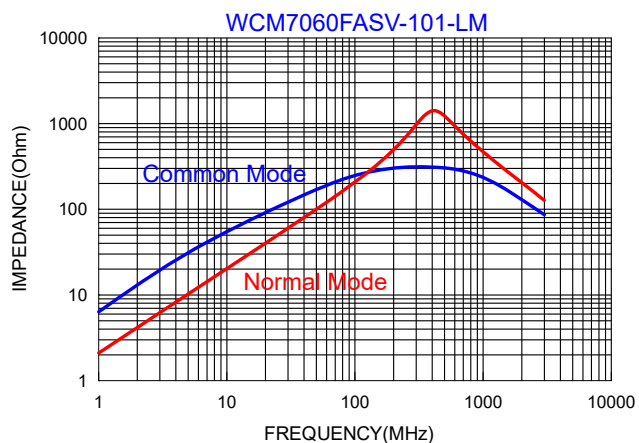
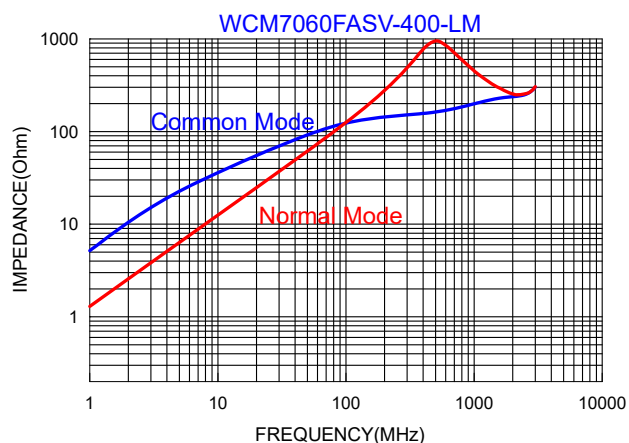
A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Process Assembled
 E: Type S=Shielded , N=Unshielded
 F: Category Code V=Vehicle
 G: Impedance 701=700Ω
 H: Laser Marking

4. Specification

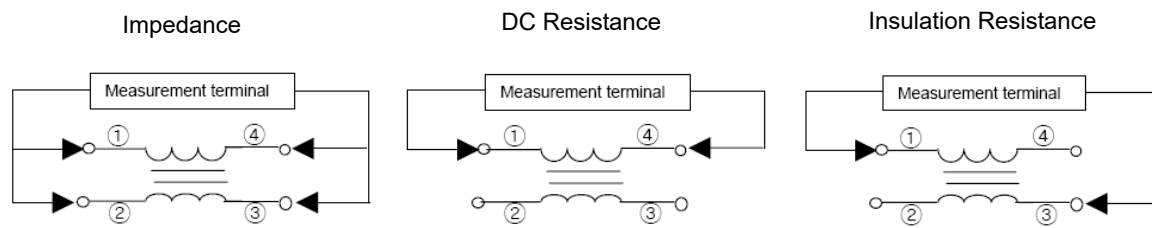
TAI-TECH Part Number	Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc) max.	Insulation Resistance (MΩ) min.
	min.	typ.					
WCM7060FASV-400-LM	40	70	100	5	15	80	10
WCM7060FASV-101-LM	100	140	100	10	9	80	10
WCM7060FASV-301-LM	225	300	100	10	5	80	10
WCM7060FASV-501-LM	400	500	100	10	5	80	10
WCM7060FASV-701-LM	500	700	100	15	4	80	10
WCM7060FASV-102-LM	800	1020	100	17	3	80	10
WCM7060FASV-132-LM	910	1300	100	20	3	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



6. Recommended PC Board Pattern

	WCM7060
L(mm)	8.0
H(mm)	4.5
G1(mm)	3.5
G2(mm)	1.5

