

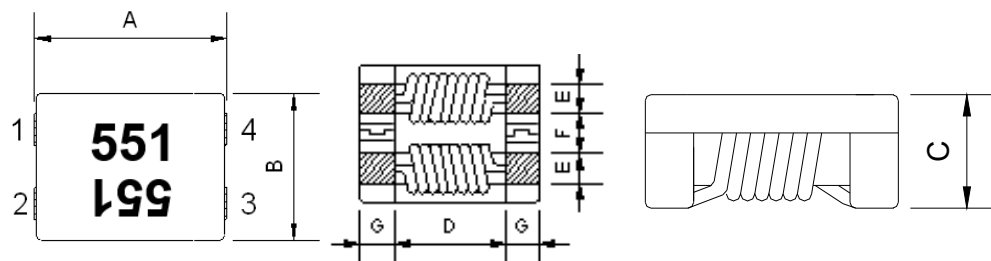
Wire Wound Power Common Mode Filter WCM1513FASV-SERIES-LM

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)
WCM1513	15.0±0.5	13.0±0.4	6.0 max.	9.3 Typ.	2.7±0.5	3.6±0.5	2.8±0.5

Unit:mm

3. Part Numbering



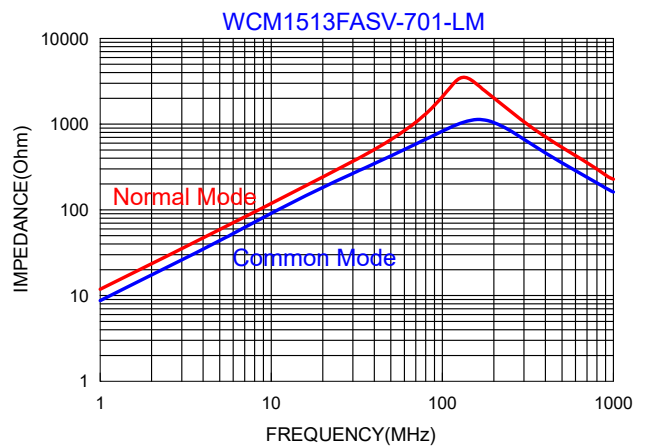
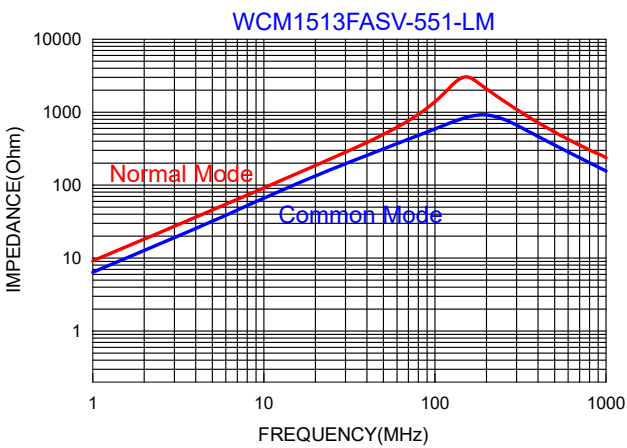
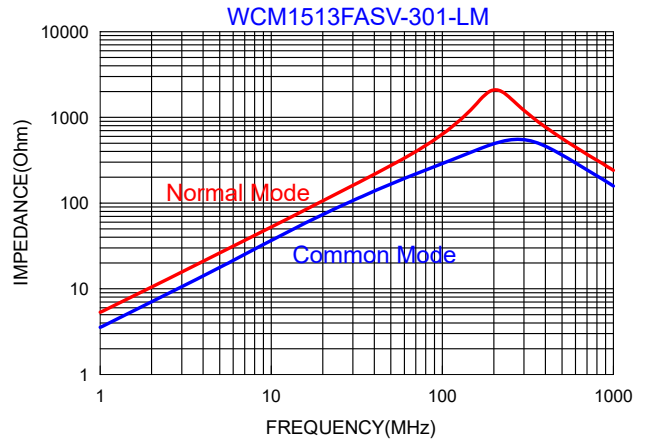
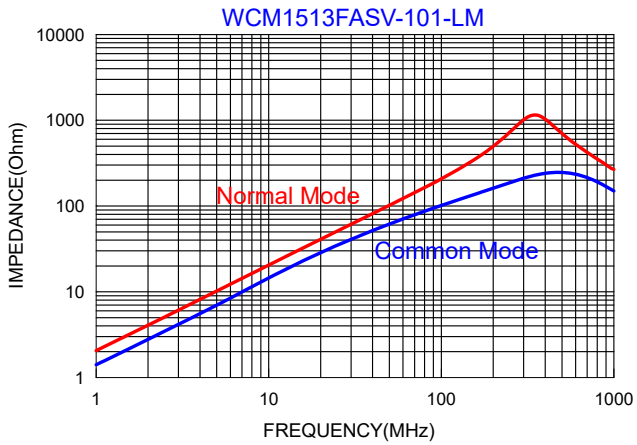
- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Process Assembled
 E: Type S=Shielded , N=Unshielded
 F: Category Code V=Vehicle
 G: Impedance 551=550Ω
 H: Laser Marking

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.					
WCM1513FASV-101-LM	60	100	100	2.0	20	125	10
WCM1513FASV-301-LM	200	300	100	3.5	14	125	10
WCM1513FASV-551-LM	450	550	100	4.0	10	125	10
WCM1513FASV-701-LM	500	700	100	5.0	10	125	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

