Wire Wound Power Common Mode Filter WCM7060FASO-SERIES-LM

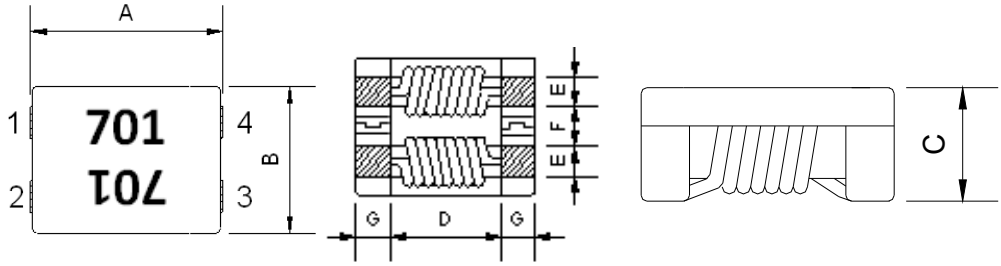
1. Features

1. Use recommended PCB footprint and stencil designs to minimize assembly risks.
2. Operating temperature-40~+125℃ (Including self - temperature rise).

Halogen-free

RoHS

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	O	-	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 Industrial Grade
G: Impedance 701=700Ω
H: Laser Marking

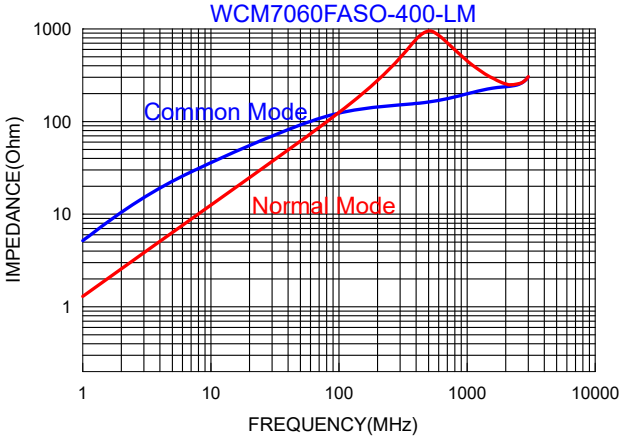
4. Specification

TAI-TECH Part Number	Impedance (Ω)		Test Frequency (MHz)	DCR (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc) max.	Insulation Resistance (MΩ) min.
	min.	typ.					
WCM7060FASO-400-LM	40	70	100	5	15	80	10
WCM7060FASO-101-LM	100	140	100	10	9	80	10
WCM7060FASO-301-LM	225	300	100	10	5	80	10
WCM7060FASO-501-LM	400	500	100	10	5	80	10
WCM7060FASO-701-LM	500	700	100	15	4	80	10
WCM7060FASO-102-LM	800	1020	100	17	3	80	10
WCM7060FASO-132-LM	910	1300	100	20	3	80	10

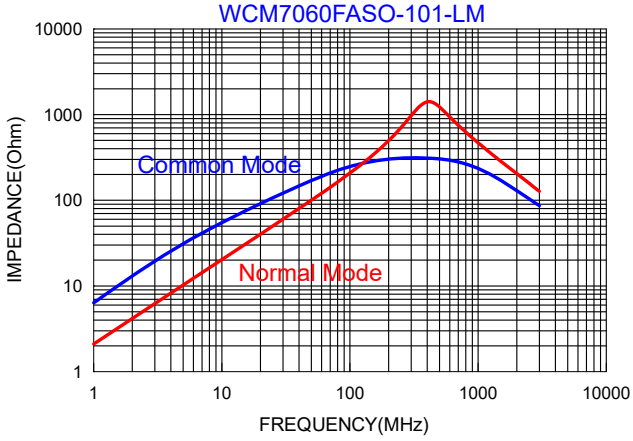
Note:

- 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
- All test data referenced to 25℃ ambient

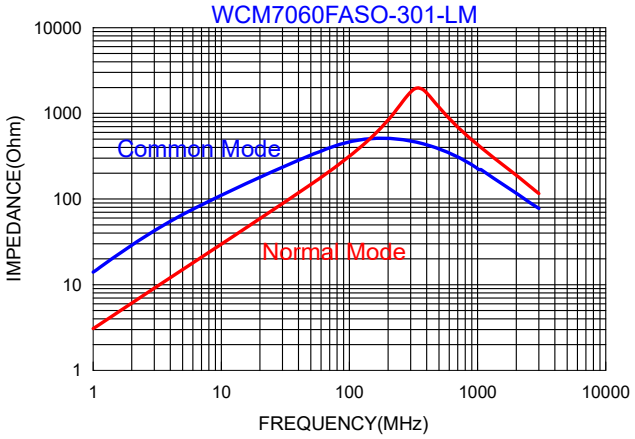
WCM7060FASO-400-LM



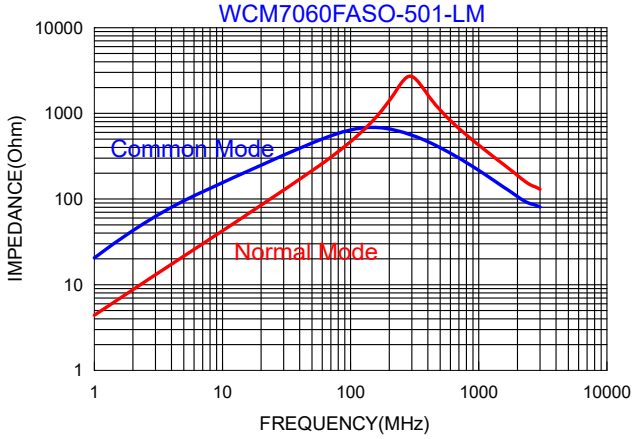
WCM7060FASO-101-LM



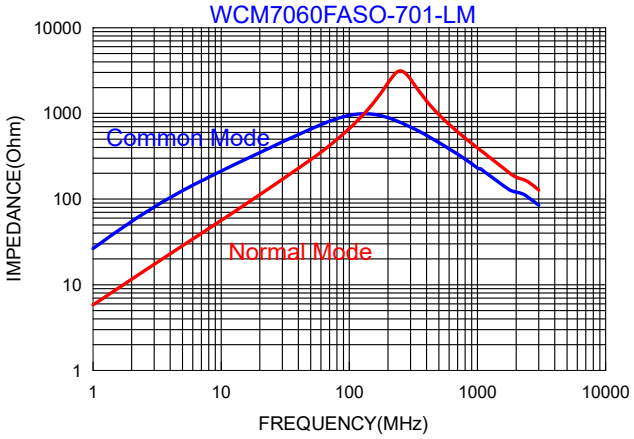
WCM7060FASO-301-LM



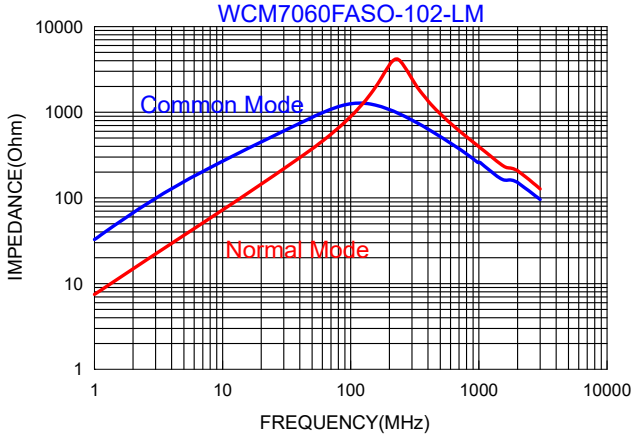
WCM7060FASO-501-LM



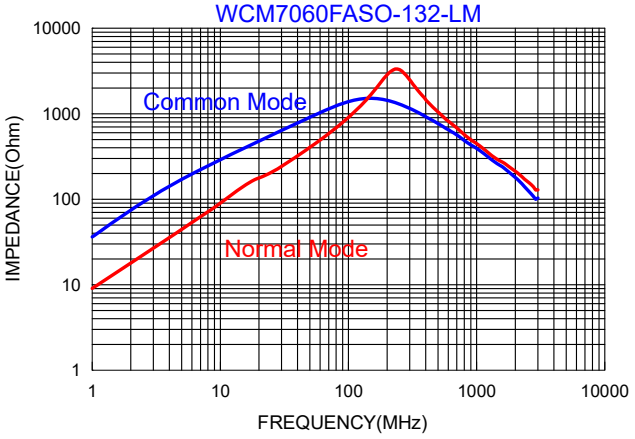
WCM7060FASO-701-LM



WCM7060FASO-102-LM

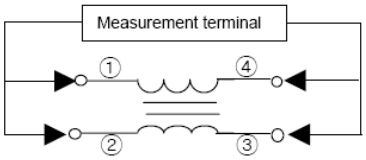


WCM7060FASO-132-LM

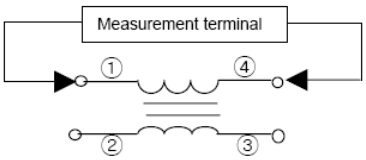


5. Schematic Diagram

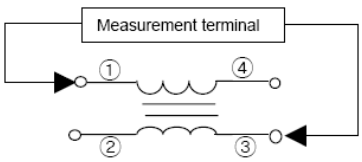
Impedance



DC Resistance



Insulation Resistance



6. Recommended PC Board Pattern

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

