

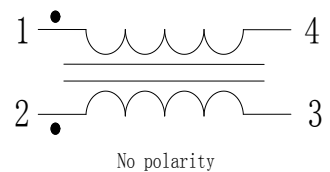
Desicription

- ◆ The common mode filter is mainly used to reduce radiation and high frequency common mode noise.
- ◆ Reduce asymmetric interference on data lines and other interfaces.
- ◆ Impedance characteristics match the impedance of most differential interface Settings, controlling unnecessary reflection formation.
- ◆ Low leakage, no effect on differential mode current.
- ◆ AEC-Q200.



Features

- ◆ Size:7.0mm*6.0mm*3.8mm.
- ◆ Halogen free ,Lead free ,Reach and RoHs.
- ◆ Operating temperature : -40 to +125°C
- ◆ Storage temp. and humidity : 0 ~ +40°C T M P
10%~70%RH.



Part Numbering

CMF	7060	C	701	X	Y	R
A	B	C	D	E	F	G

A:ASIM common mode filter

B:Dimension

C:Car level

D:Impedance

F:Tolerance

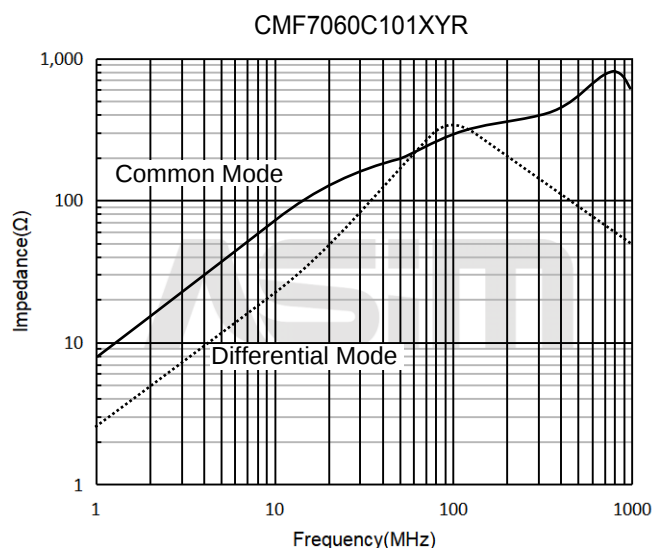
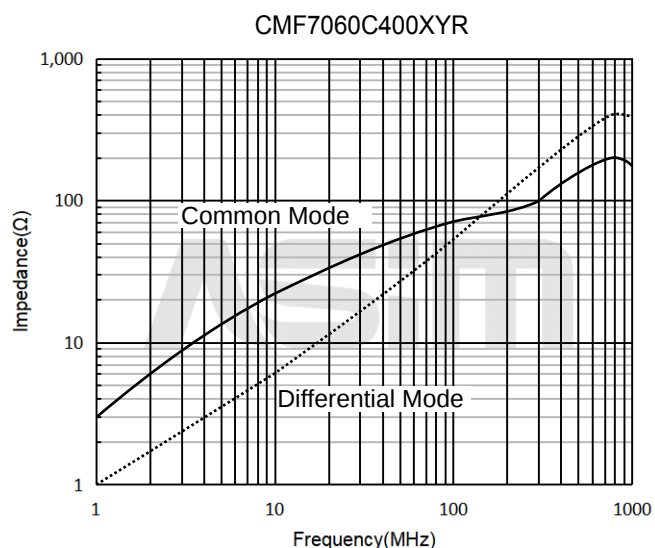
G:Internal series

H:Tape

Electrical Characteristics List

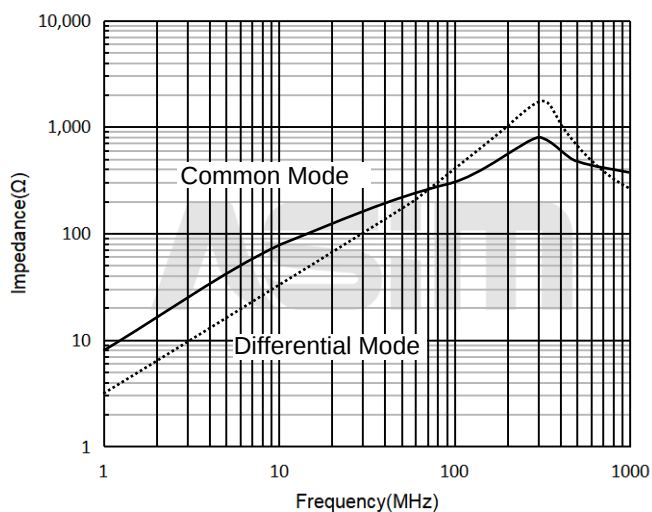
Part No.	MARKING	Impedance (Ω)		Test Freq (MHz)	DCR (m Ω)	Rated Current (A)	Rated Voltage (V)Dc	Insulation Resistance (M Ω)
		min	typ					
CMF7060C400XYR	A400	40	70	100	5.0	15.0	125	10.0
CMF7060C101XYR	A101	100	140	100	10.0	9.00	125	10.0
CMF7060C301XYR	A301	225	300	100	10.0	5.00	125	10.0
CMF7060C501XYR	A501	275	350	100	10.0	5.00	125	10.0
CMF7060C701XYR	A701	500	700	100	15.0	4.00	125	10.0
CMF7060C102XYR	A102	800	1000	100	17.0	3.00	125	10.0
CMF7060C132XYR	A132	910	1300	100	21.0	2.50	125	10.0
CMF7060C222XYR	A222	1700	2200	100	50.0	1.20	125	10.0
CMF7060C272XYR	A272	2000	2700	100	63.0	1.00	125	10.0
CMF7060C302XYR	A302	2500	3000	100	75.0	0.90	125	10.0

Impedance vs Fraequency Curve

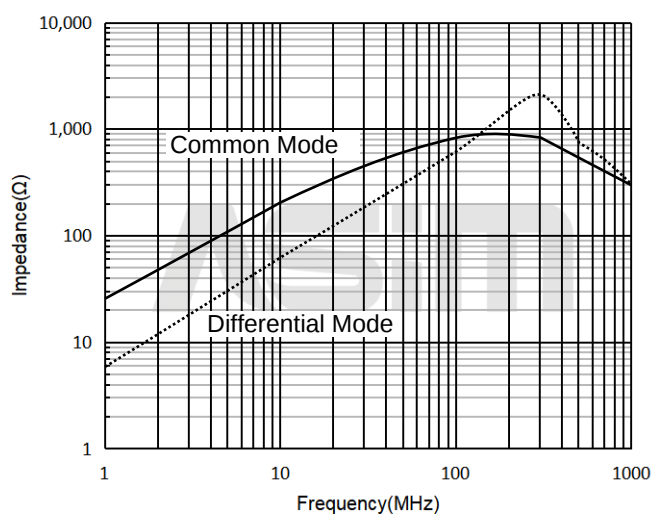


Impedance vs Fraequency Curve

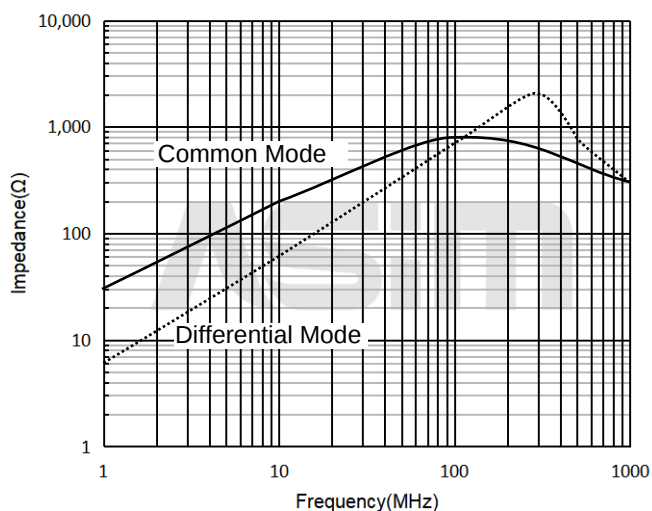
CMF7060C301XYR



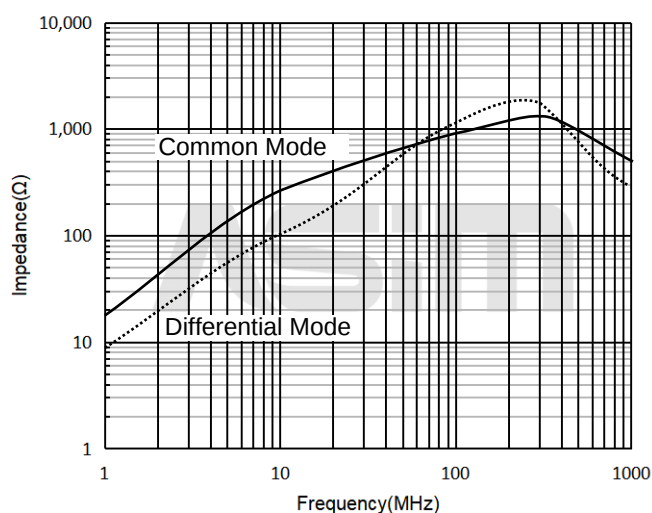
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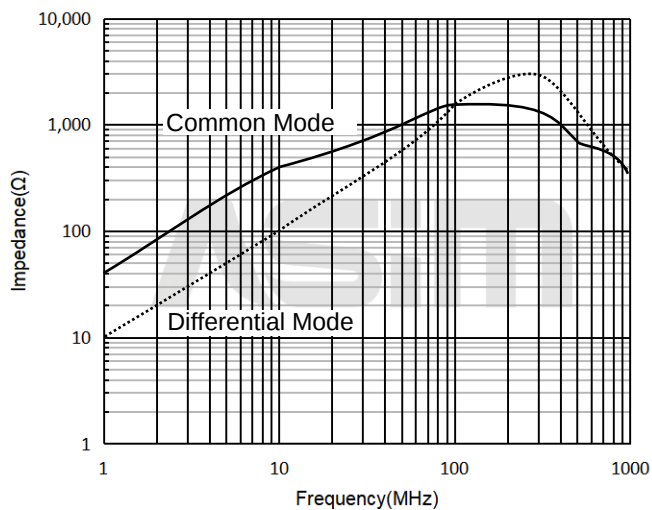
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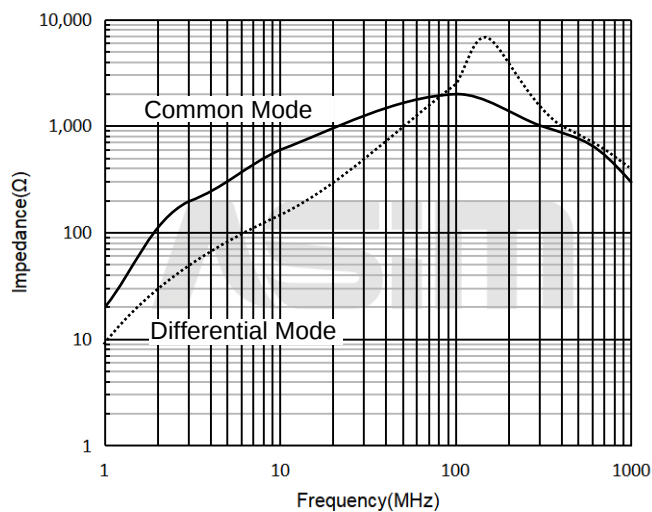
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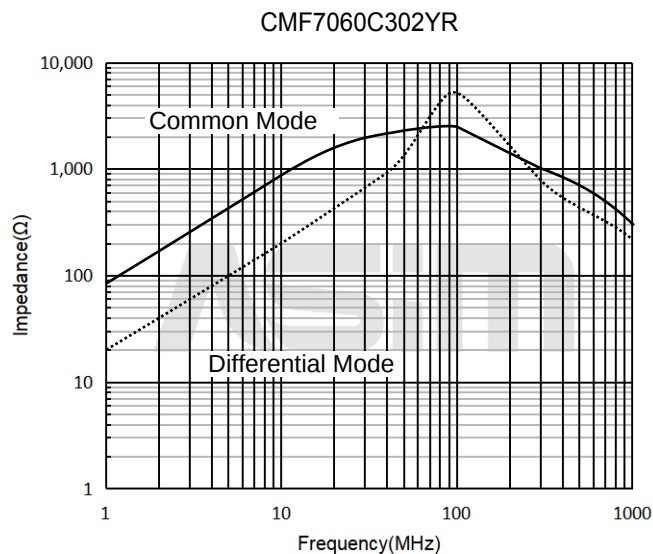
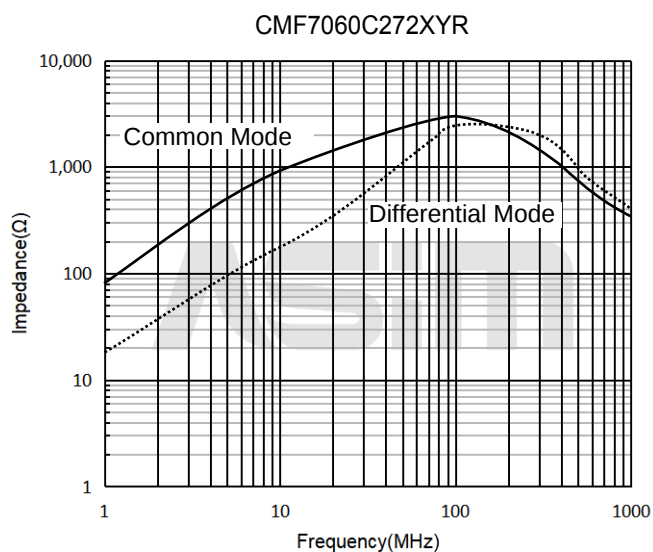
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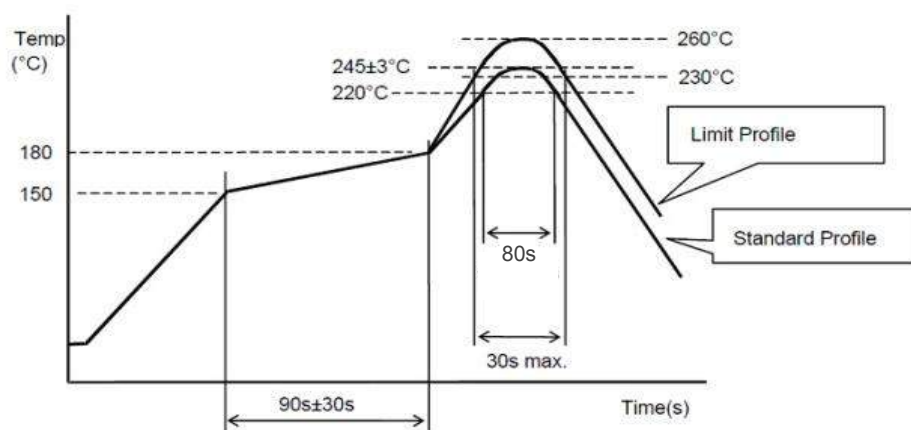
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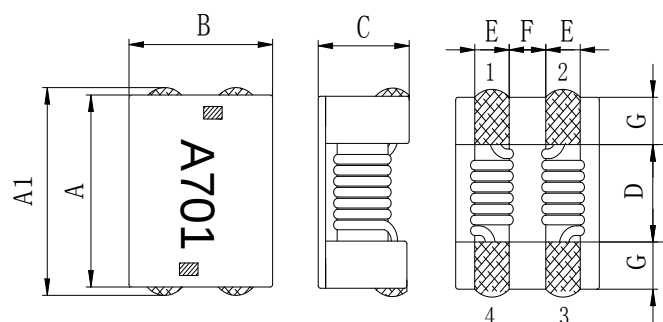
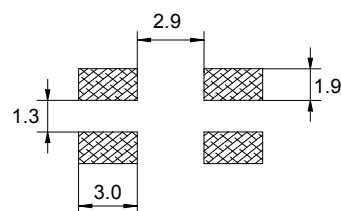
Impedance vs Fraequency Curve



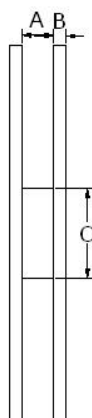
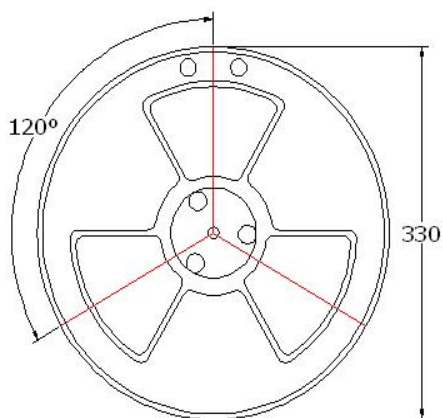
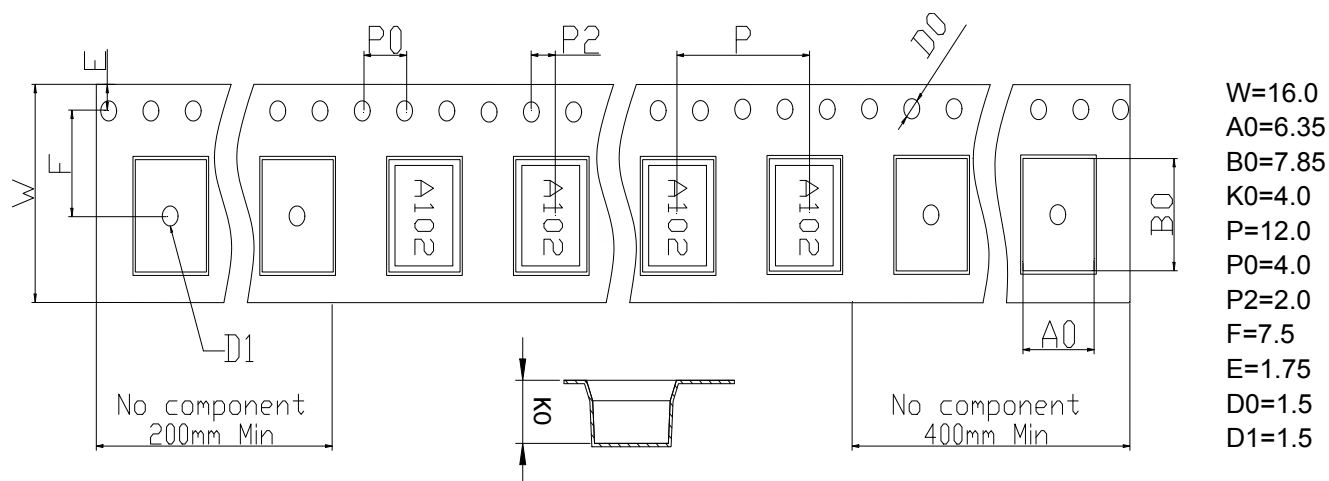
Recommended Soldering Temperature Graph



	Standard Profile	Limit Profile
Pre-heating	150~180°C、90s±30s	
Heating	above 220°C、80s	above 230°C、30s max
Peak temperature	245°C±3°C	260°C、10s
Cycle of reflow	2 times	2 times

Dimension (mm)

PAD Layout(mm)


A	A1	B	C	D	E	F	G
7.0±0.5	7.5±0.6	6.0±0.5	3.8Max	3.5±0.3	1.5±0.3	1.5±0.3	1.7±0.3

Tape&Reel Dimensions(mm)


A=16.5
B=2.3
C=100