

AACM-A Series

Features

- Qualified to AEC-Q200
- RoHS compliance.
- Common mode filter, good temperature resistance.
- The products contain no lead and also support lead-free soldering.

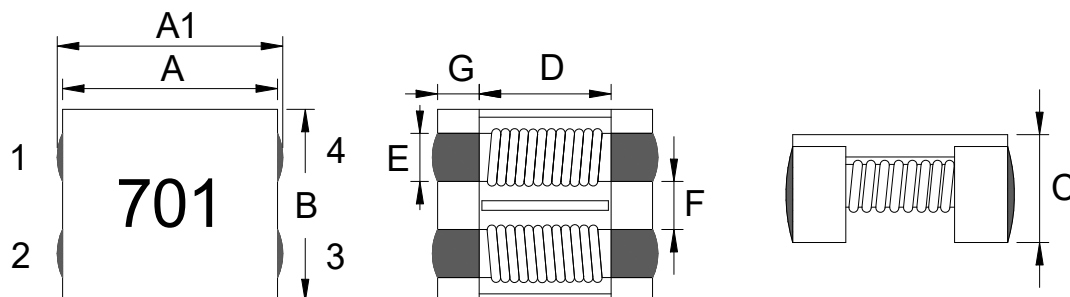
Applications

- Headlights, Car USB Interface, Audio, Car DVD.

Test Conditions

- All test data is referenced to 25°C ambient.
- Operating temperature range -40°C to +125°C (Including self - temperature rise).

External Dimensions (Unit: mm)



Type	A	A1	B	C	D Typ.	E Typ.	F Typ.	G Typ.	Q'Ty/Reel
AACM07A40	7.0±0.5	7.5±0.5	6.0±0.5	4.0Max	3.5	1.5	1.5	1.7	1500
AACM09A50	9.0±0.5	9.5±0.5	7.0±0.5	4.8Max	5.7	1.5	2	1.7	700
AACM12A65	12.0±0.5	12.5±0.5	10.8±0.5	6.5Max	7	2.7	2.5	2.5	500
AACM15A60	15.0±0.5	15.6±0.5	13.0±0.5	6.6Max	9.4	2.6	3.8	2.5	350

Part Number Code

AACM 07 A 40 R 301
 A B C D E F

A: Series Name

B: Dimensions(mm)

C: Materials

D: Thickness(mm)

E: Tolerance

F: Inductance

Common Mode Filters

07: 7.0x6.0 Max

A: Type

40: 4.0 Max

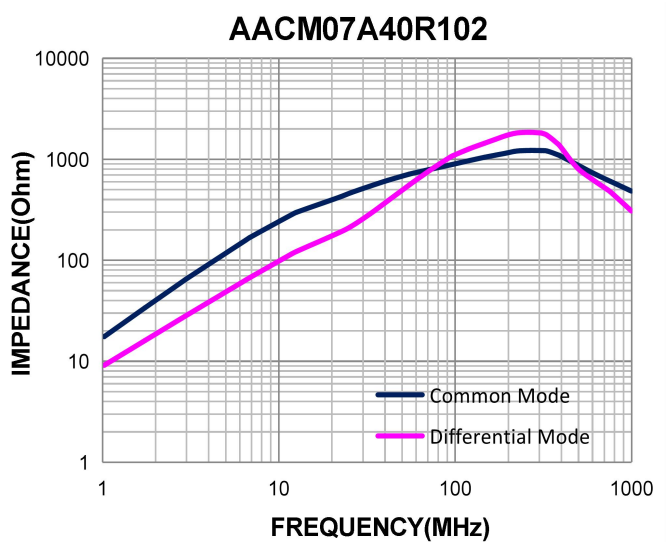
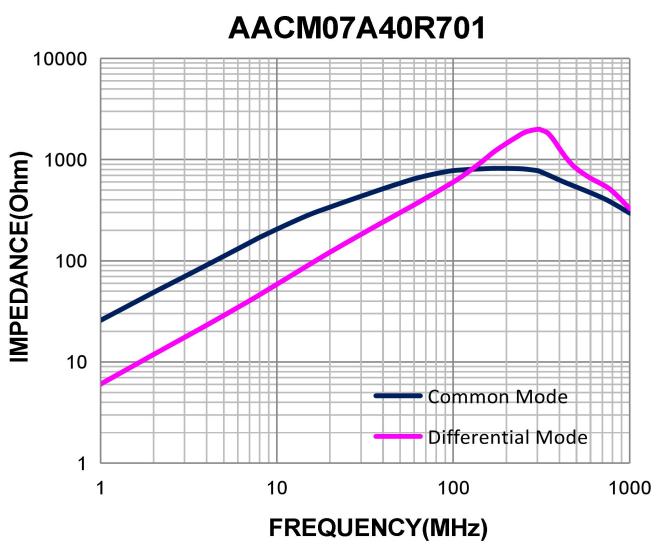
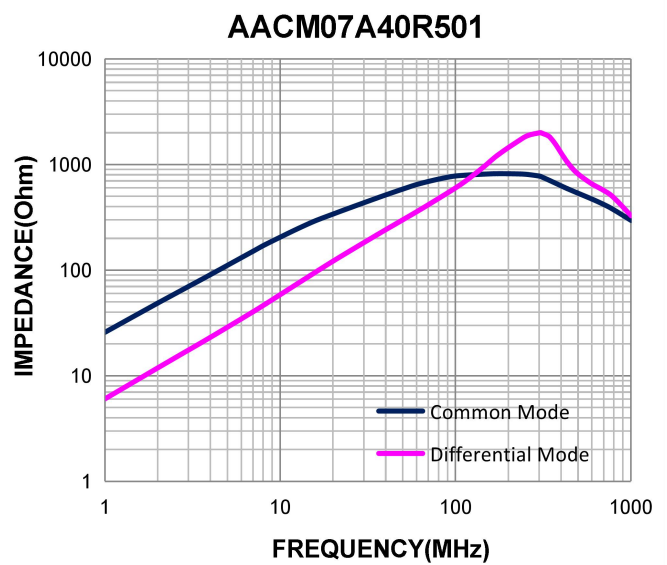
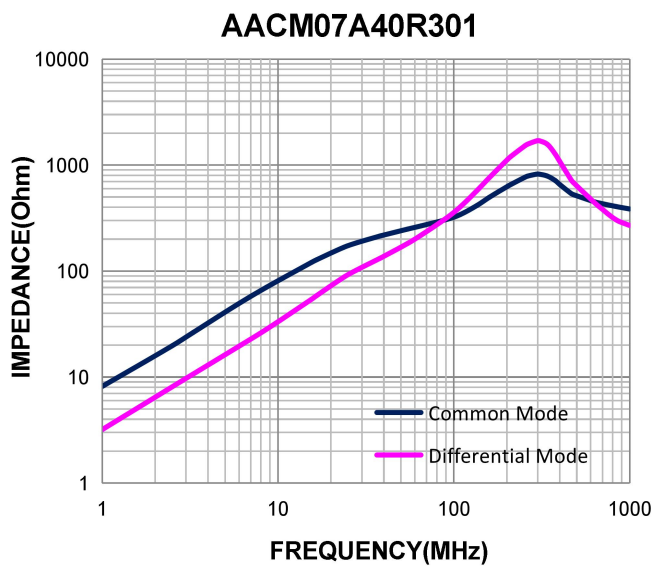
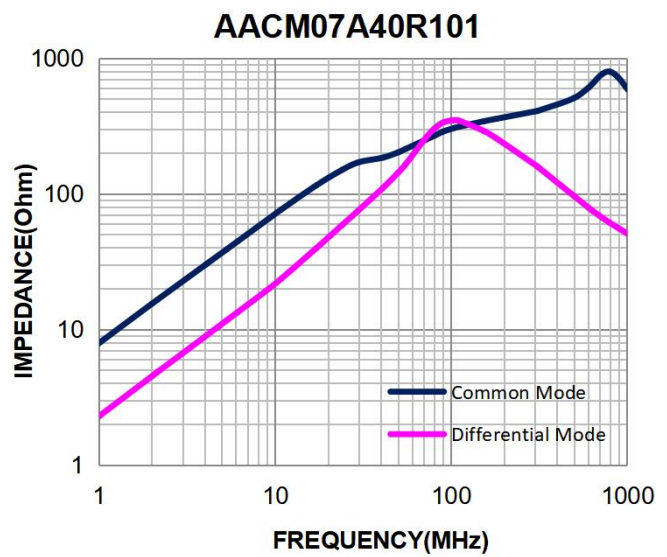
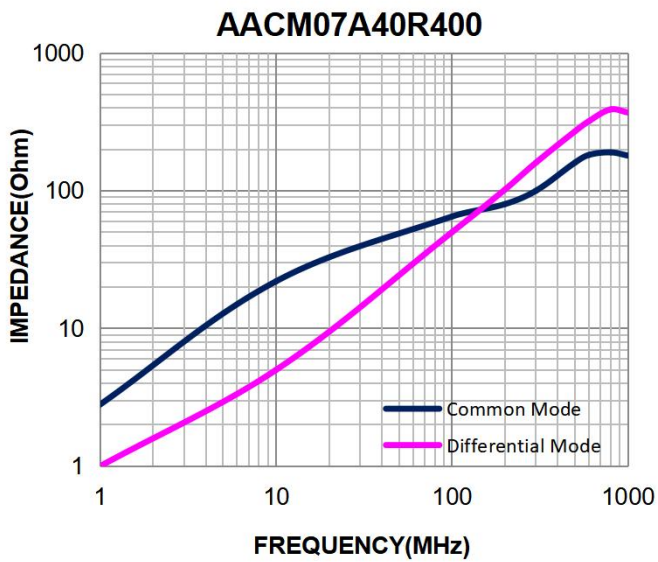
R: Reference

301=300 Ω

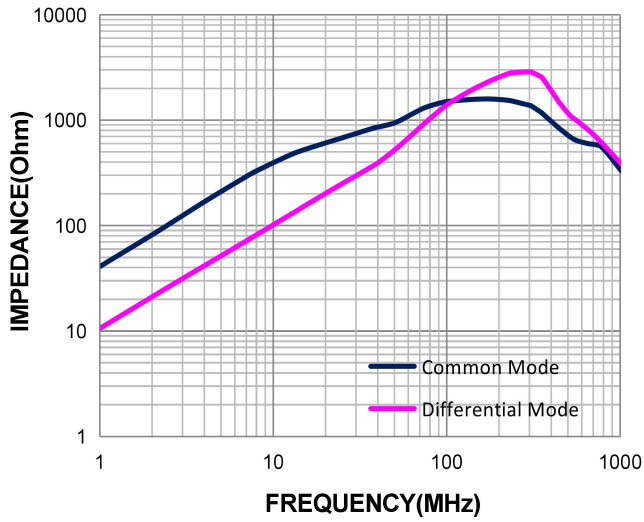
AACM-A Series

Part Number	Z(Ω) 100MHz/0.1V		DC Resistance (m Ω) Max.	Rated DC Current (A)Max.	Insulation Resistance (M Ω)Min.	Rated Voltage (V)Max.
	Min.	Ref.				
AACM07A40R400	40	70	5	15	10	125
AACM07A40R101	100	140	10	9	10	125
AACM07A40R301	225	300	10	5	10	125
AACM07A40R501	275	450	10	5	10	125
AACM07A40R701	500	700	15	4	10	125
AACM07A40R102	800	1020	17	3	10	125
AACM07A40R132	910	1300	21	2.5	10	125
AACM07A40R272	2000	2700	63	1	10	125
AACM07A40R302	2500	3000	75	0.9	10	125
AACM09A50R301	225	300	6	6	10	50
AACM09A50R601	450	600	8	5.5	10	50
AACM09A50R701	500	700	10	5	10	50
AACM09A50R102	750	1000	13	4	10	50
AACM09A50R222	1700	2200	60	2.5	10	50
AACM09A50R302	2500	3000	75	3	10	50
AACM12A65R231	80	230	2	10	10	125
AACM12A65R701	500	700	6	8	10	125
AACM12A65R801	600	800	8	8	10	125
AACM12A65R102	750	1000	14	6	10	125
AACM12A65R252	2200	2500	35	1.8	10	125
AACM12A65R272	2300	2700	50	1.5	10	125
AACM15A60R301	225	300	5	13	10	80
AACM15A60R501	400	500	6	10	10	80
AACM15A60R701-13A	500	700	5	13	10	80
AACM15A60R102	800	1000	10	9	10	80
AACM15A60R152	1200	1500	23	5	10	80

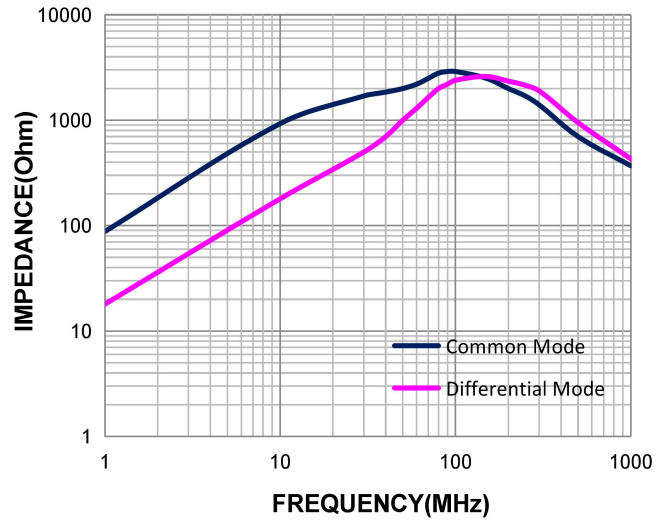
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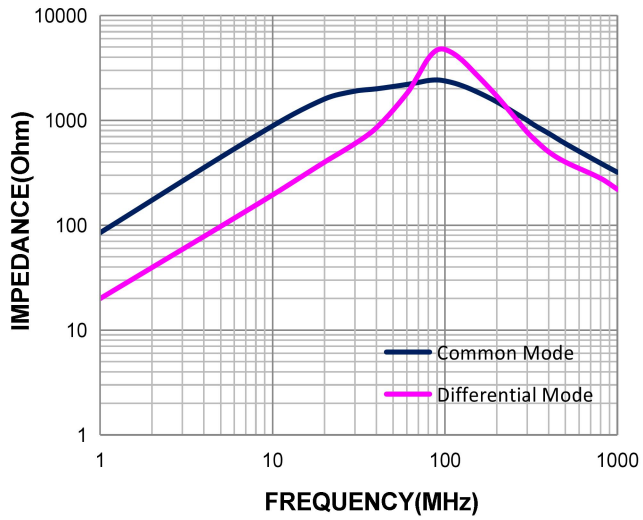
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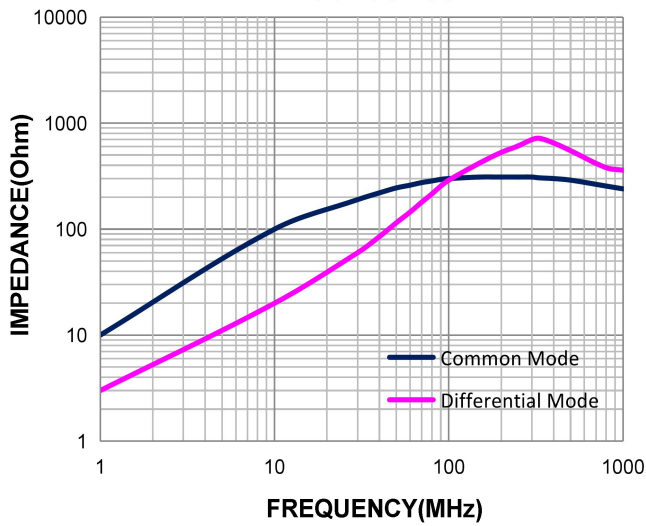
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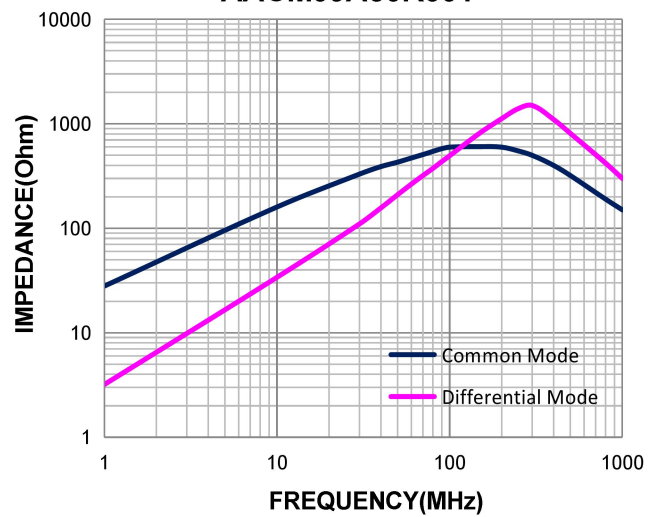
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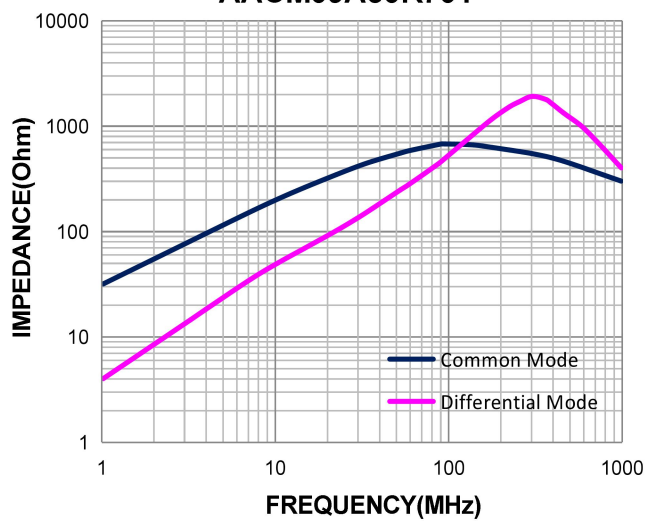
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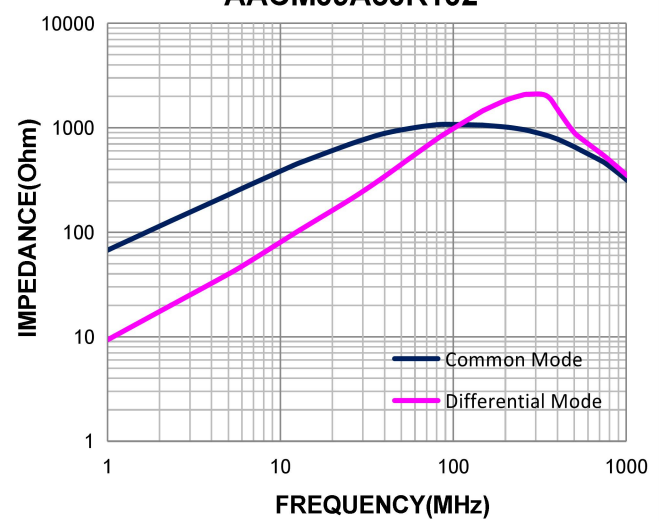
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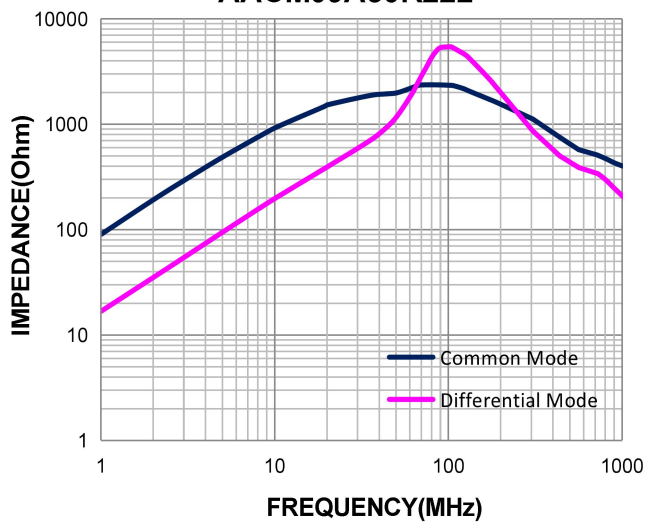
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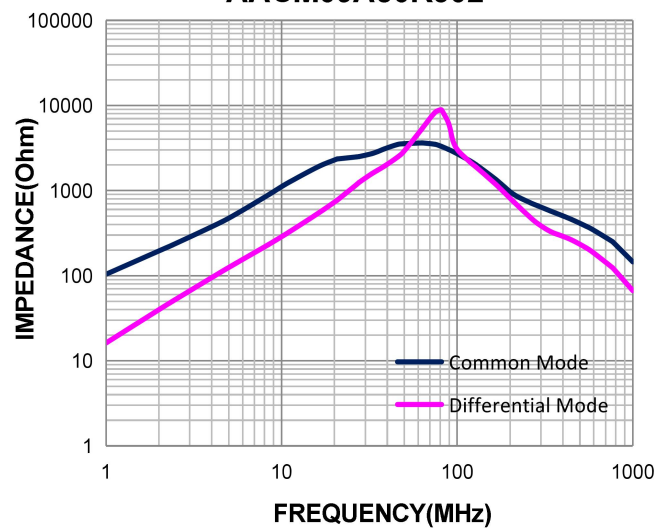
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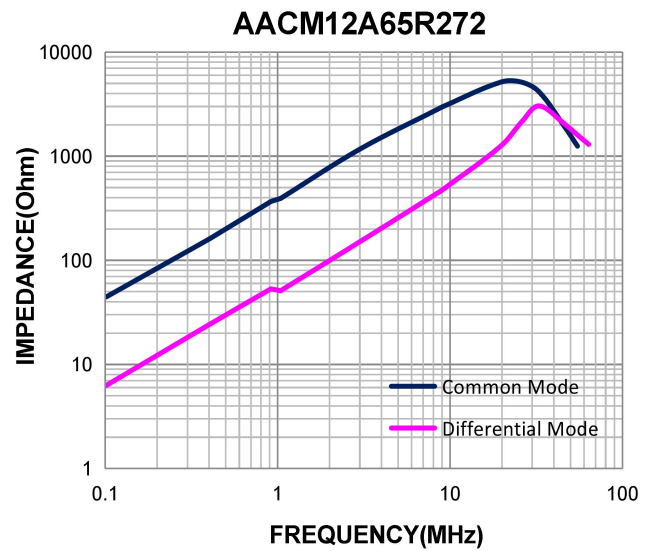
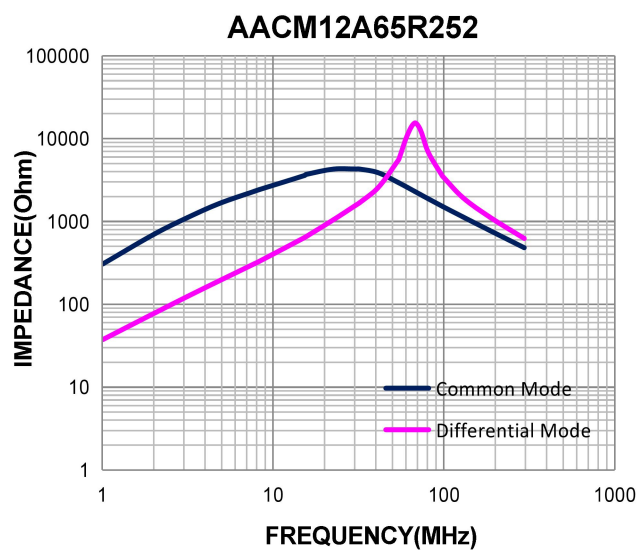
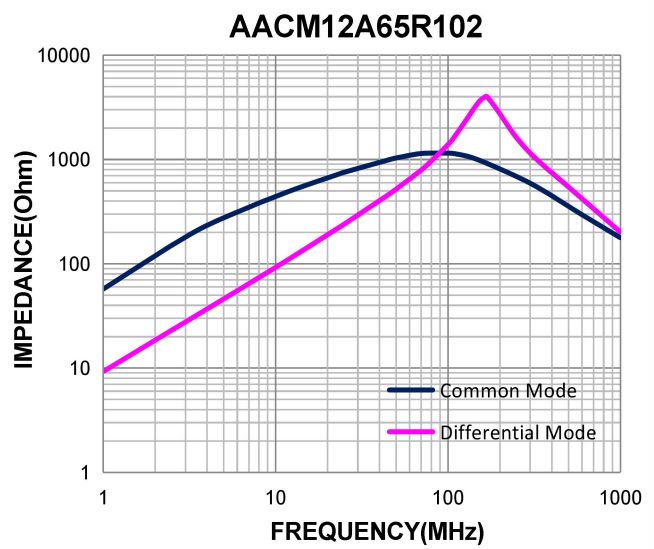
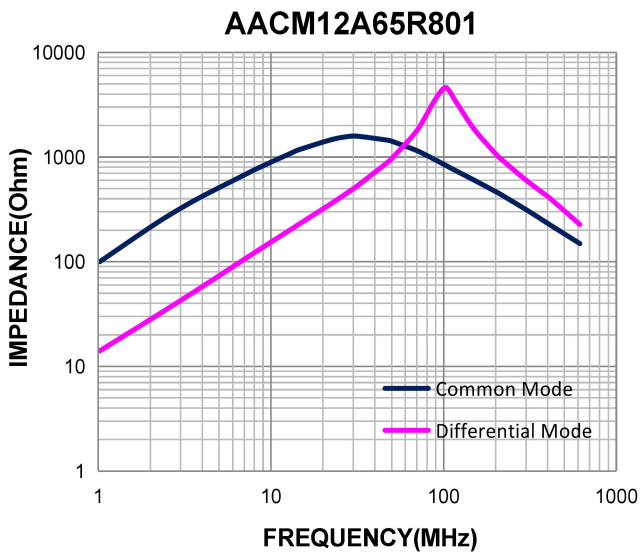
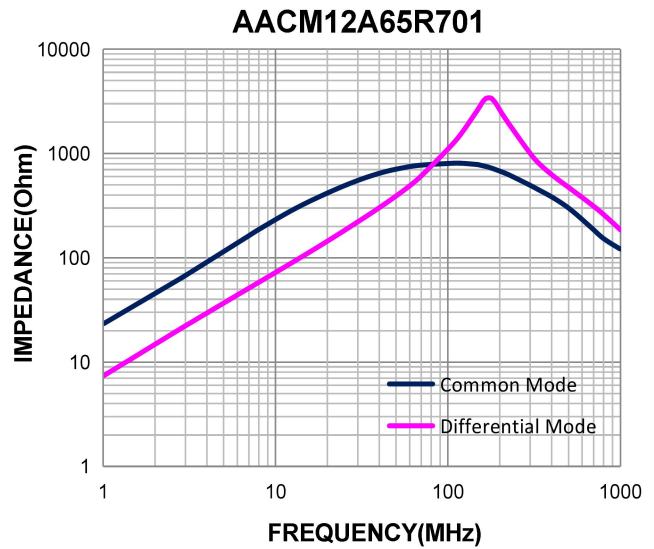
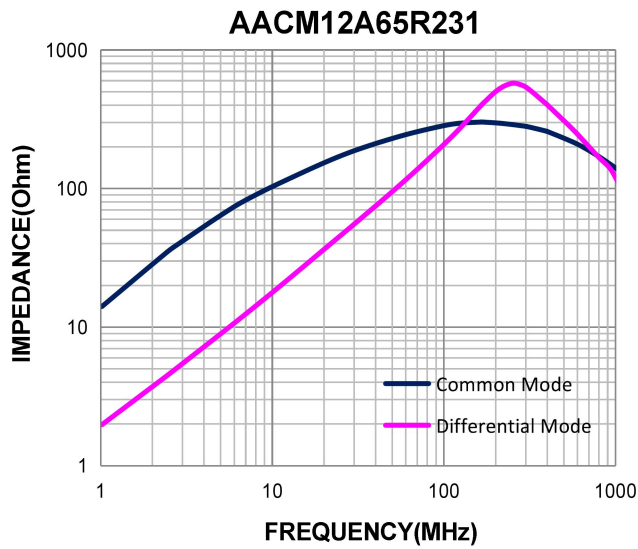


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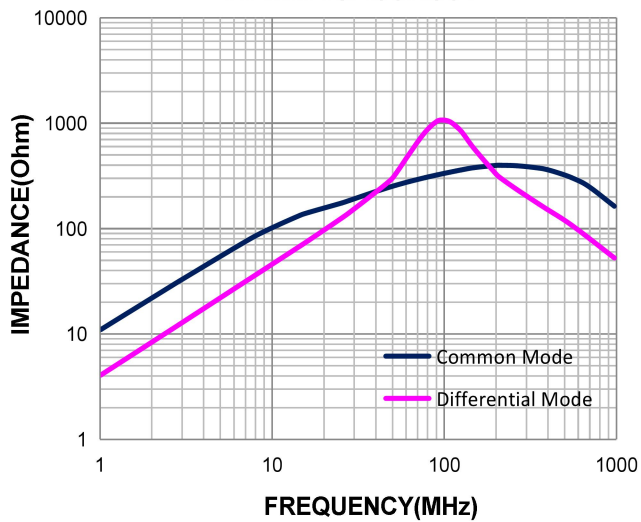


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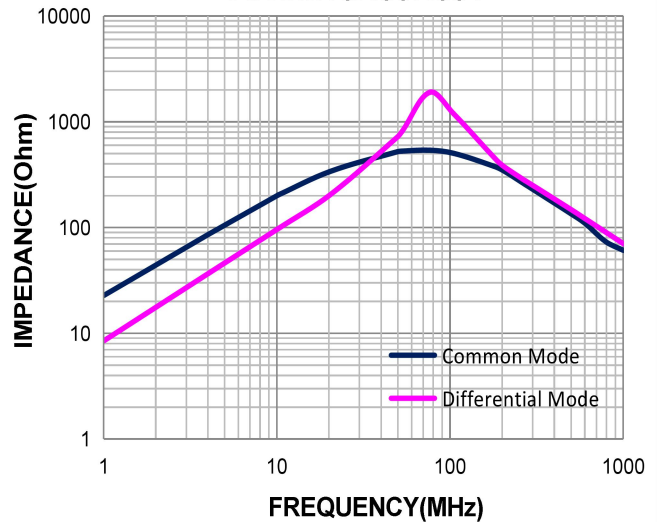




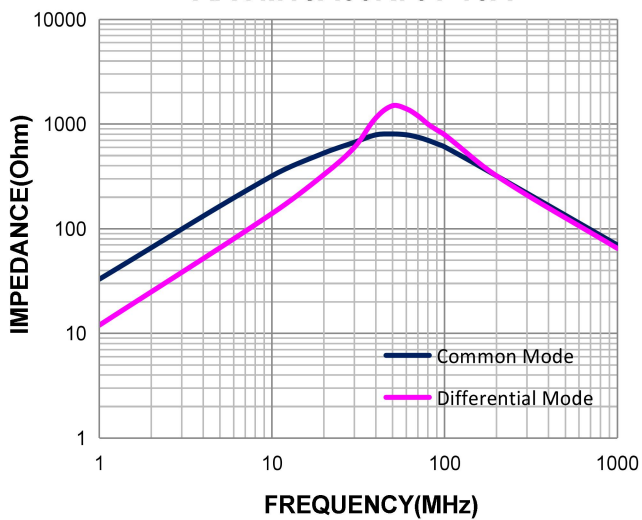
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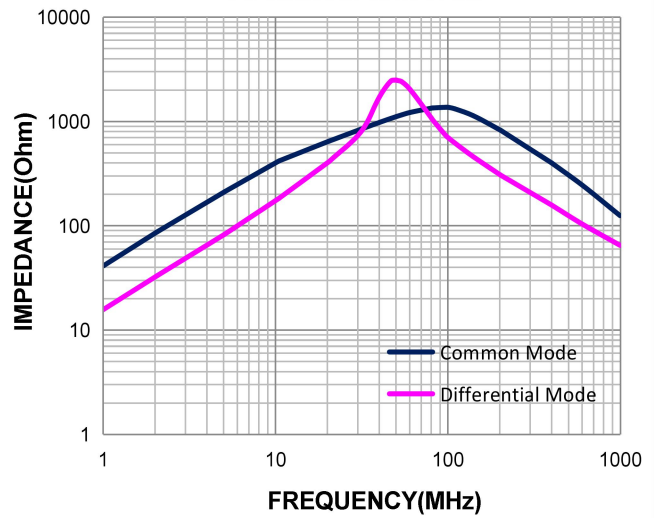
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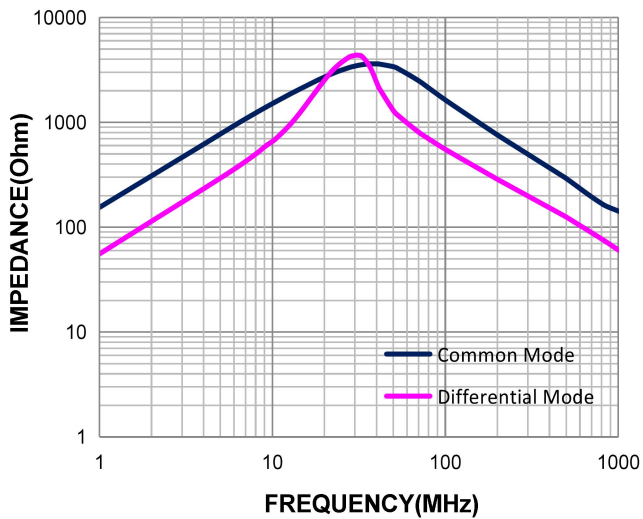
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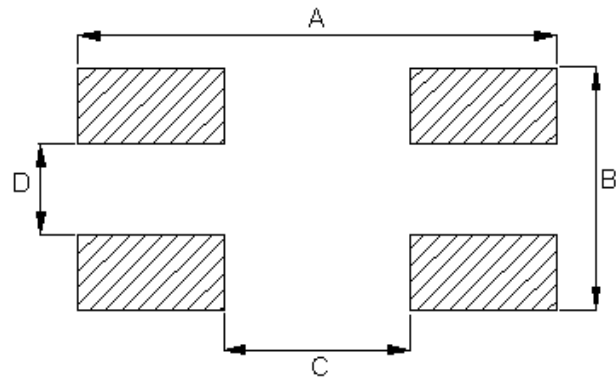


AACM15A60R102



AACM15A60R152



Recommended Soldering Conditions


Type	A Typ.	B Typ.	C Typ.	D Typ.
AACM07A40	8	5	3	1.5
AACM09A50	10.5	5.5	5	1.5
AACM12A65	12.5	8.5	6.5	2
AACM15A60	16	9.5	8.8	3.3