

AACM-A Series

Features

- Qualified to AEC-Q200.
- RoHS compliance.
- AACM series realizes small size and low profile.
- Common mode filter, good temperature resistance.
- The products contain no lead and also support lead-free soldering.

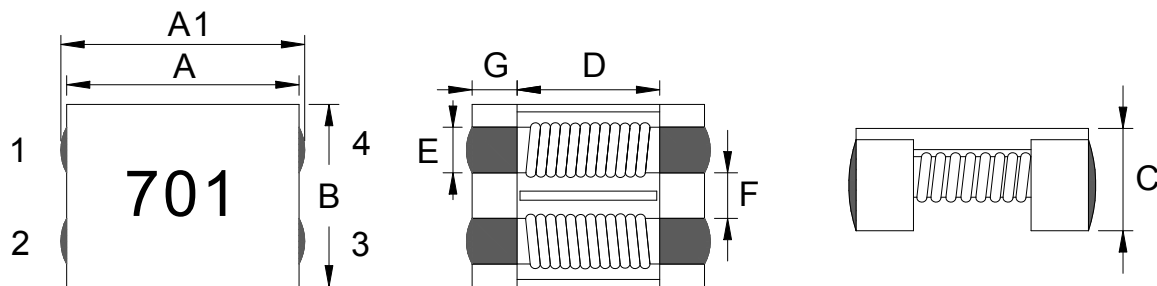
Applications

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

Test Equipment and Conditions

- All test data is referenced to 25°C ambient.
 - Operating temperature range -40°C to +125°C.(Including self - temperature rise).
 - The part temperature(ambient + temp rise)should not exceed 125°C under worst case operating conditions.
- Circuit design,component placement, PCB trace size and thickness,airflow and other cooling provisions all affect the part temperature,part temperature should be verified in the end application.

External Dimensions (Unit:mm)



TYPE	A	A1	B	C Max	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	3.5	1.5	1.5	1.7	1500
AACM09A50	9.0±0.5	9.5±0.5	7.0±0.5	4.8	5.7	1.5	2.0	1.7	700
AACM12A65	12.0±0.5	12.5±0.5	10.8±0.5	6.5	7.0	2.7	2.5	2.5	500
AACM15A60	15.0±0.5	15.6±0.5	13.0±0.5	6.6	9.4	2.6	3.8	2.5	350

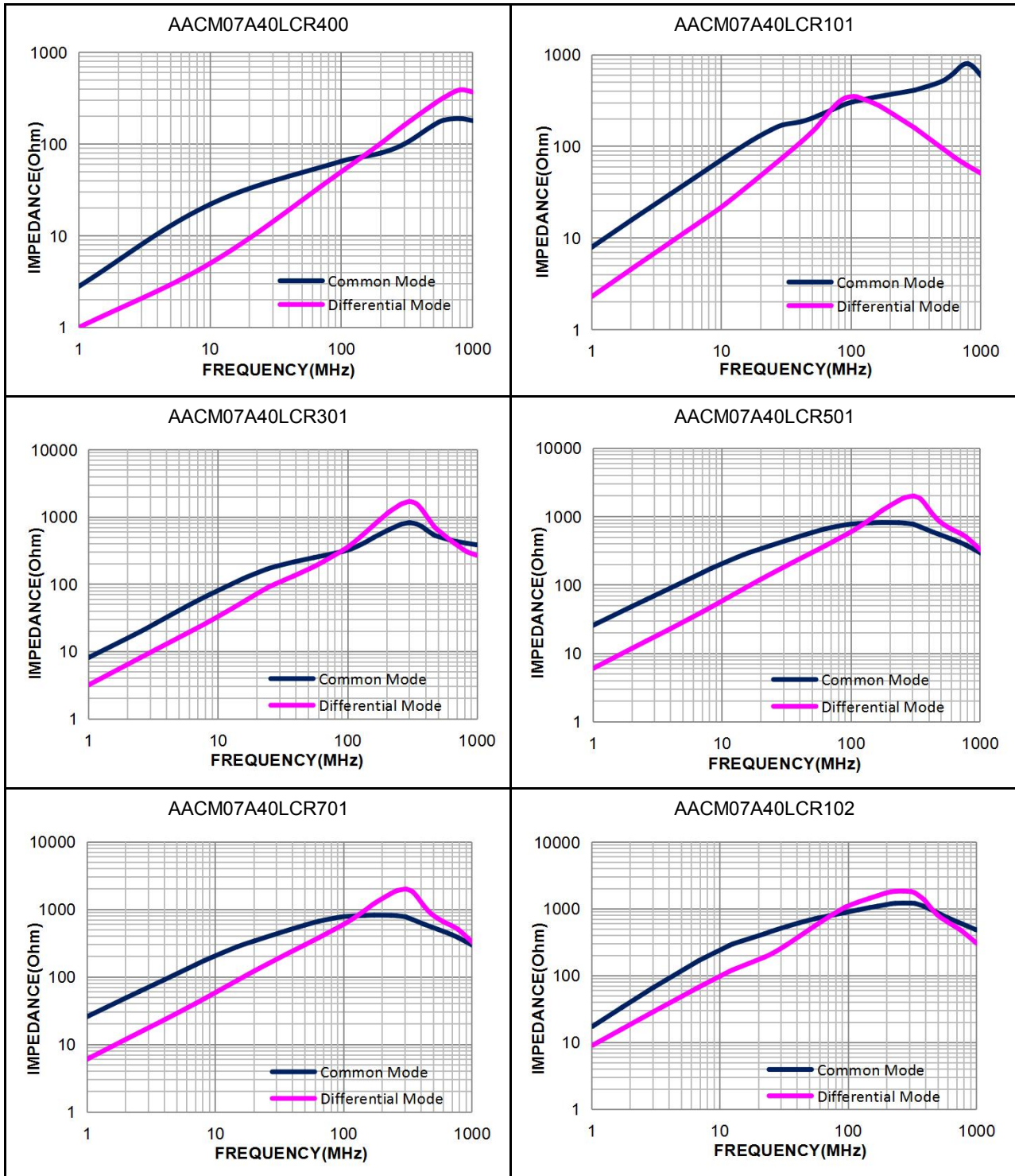
2. Part Number Code

AACM	07	A	40	LC	R	701
Series Name	Dimensions: L*W	Materials	Dimensions: H	Internal Controls	Tolerance	Impuctance

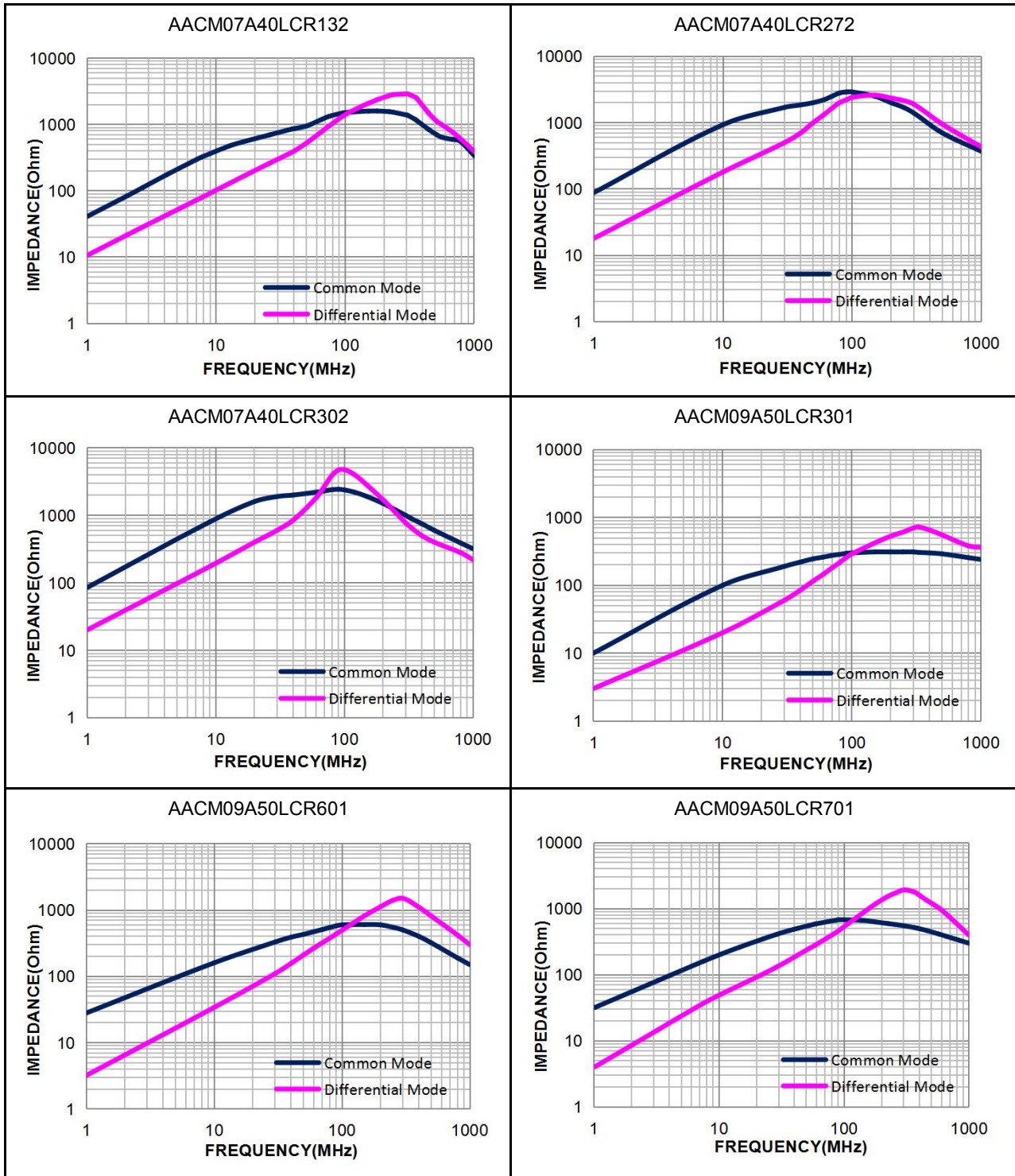
AACM-A Series

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.				
AACM07A40LCR400	40	70	5	15	10	125
AACM07A40LCR101	100	140	10	9	10	125
AACM07A40LCR301	225	300	10	5	10	125
AACM07A40LCR501	275	450	10	5	10	125
AACM07A40LCR701	500	700	15	4	10	125
AACM07A40LCR102	800	1020	17	3	10	125
AACM07A40LCR132	910	1300	21	2.5	10	125
AACM07A40LCR272	2000	2700	63	1	10	125
AACM07A40LCR302	2500	3000	75	0.9	10	125
AACM09A50LCR301	225	300	6	6	10	50
AACM09A50LCR601	450	600	8	5.5	10	50
AACM09A50LCR701	500	700	10	5	10	50
AACM09A50LCR102	750	1000	13	4	10	50
AACM09A50LCR222	1700	2200	60	2.5	10	50
AACM09A50LCR302	2500	3000	75	3	10	50
AACM12A65LCR800	80	230	2	10	10	125
AACM12A65LCR701	500	700	6	8	10	125
AACM12A65LCR801	600	800	8	8	10	125
AACM12A65LCR102	750	1000	14	6	10	125
AACM12A65LCR222	2200	2500	35	1.8	10	125
AACM15A60LCR301	225	300	5	13	10	80
AACM15A60LCR501	400	500	6	10	10	80
AACM15A60LCR701-13A	500	700	5	13	10	80
AACM15A60LCR102	800	1000	10	9	10	80
AACM15A60LCR152	1200	1500	23	5	10	80

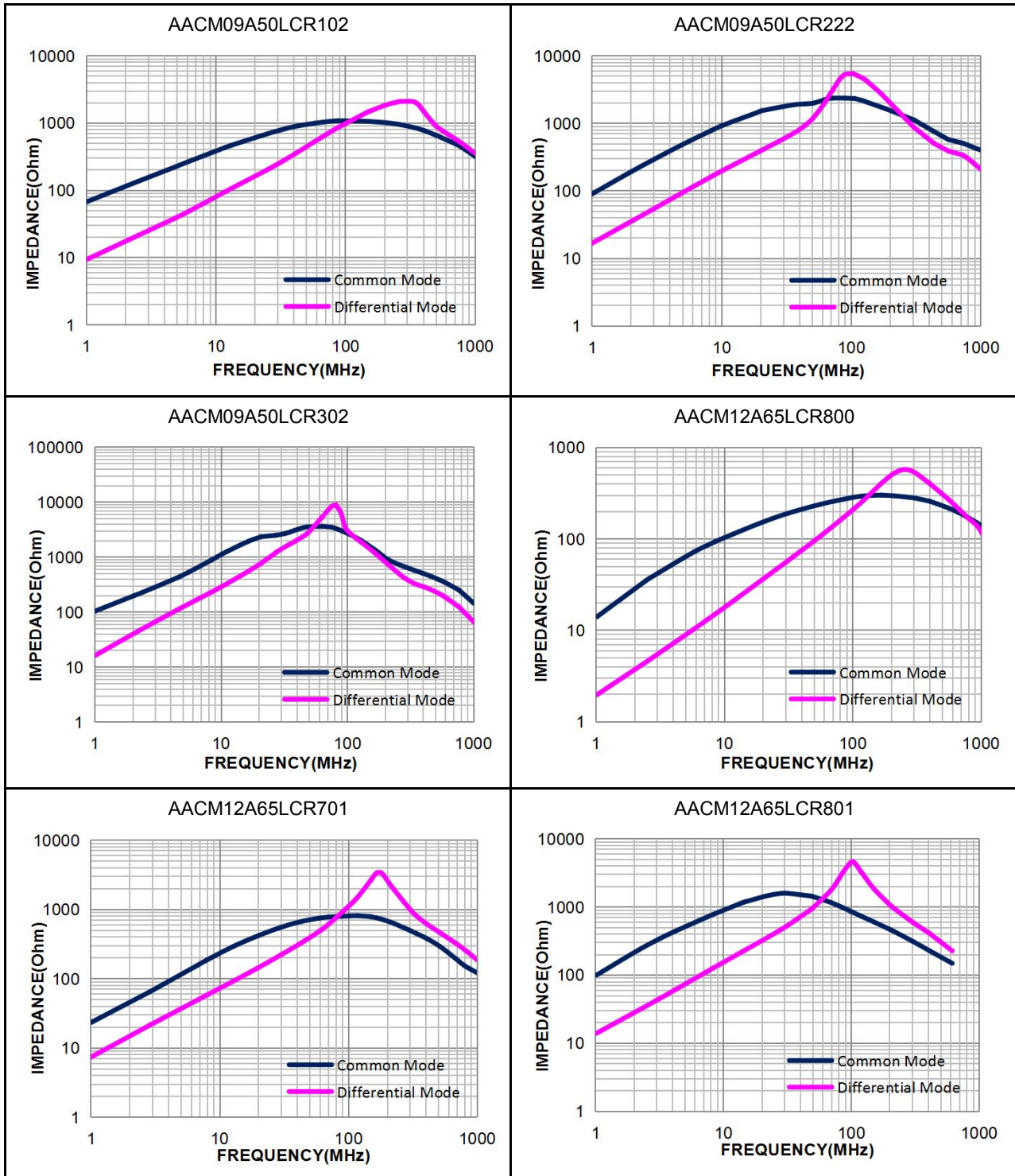
Characteristics(Reference)



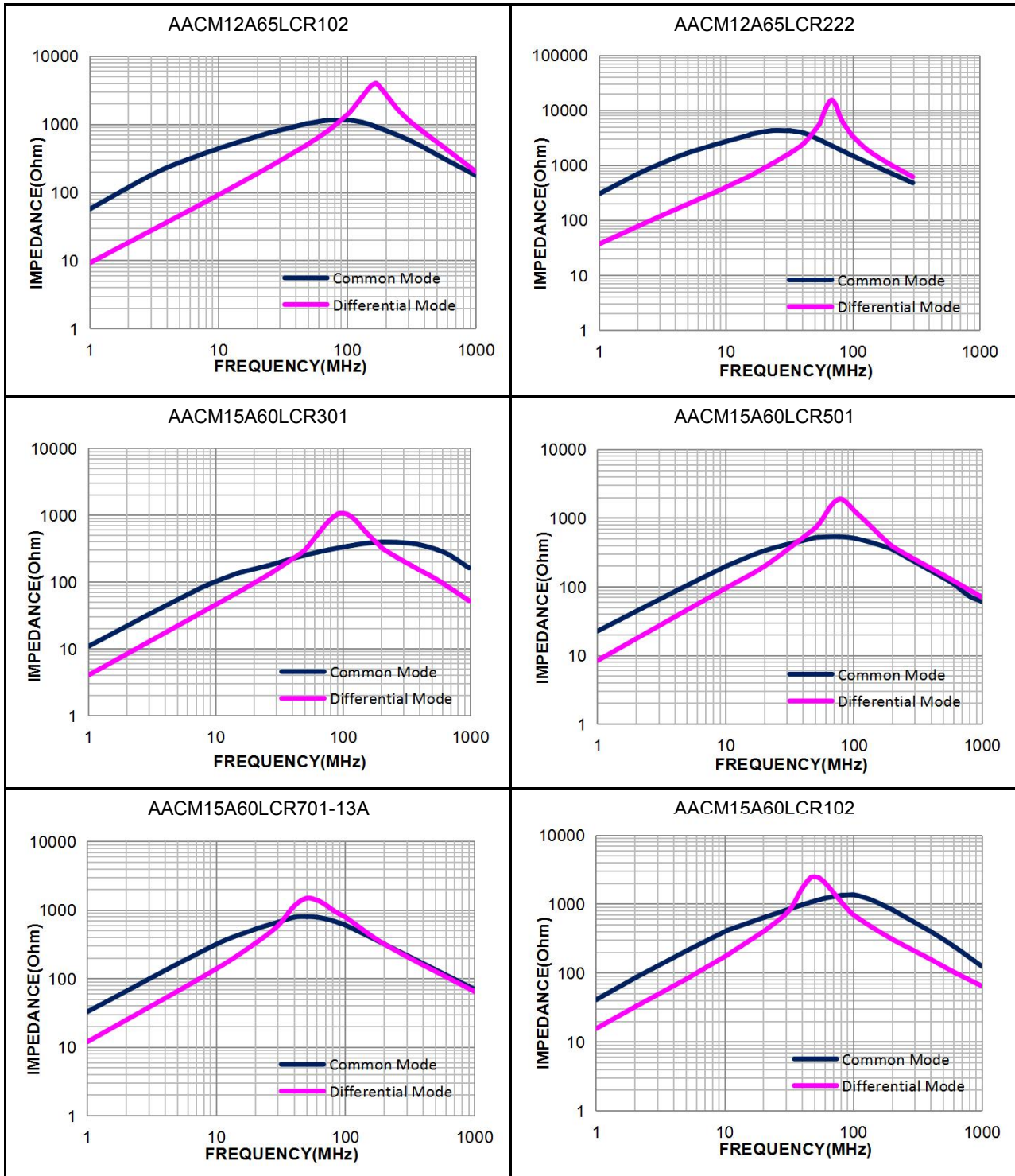
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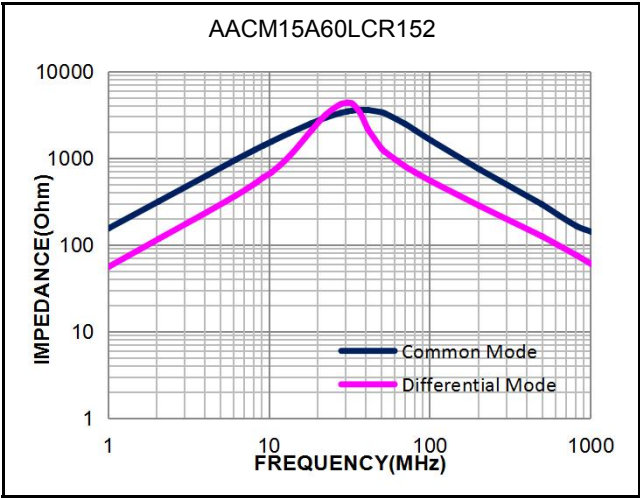
Characteristics(Reference)



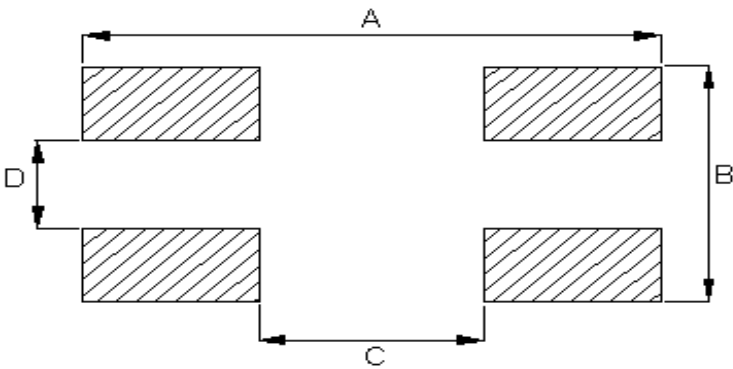
Characteristics(Reference)



Characteristics(Reference)



Recommended Soldering Conditions (Unit:mm)



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	2.0
AACM15A60	16.0	9.5	8.8	3.3