

Common Mode Line Filte ACM-**F Series AEC-Q200 qualified



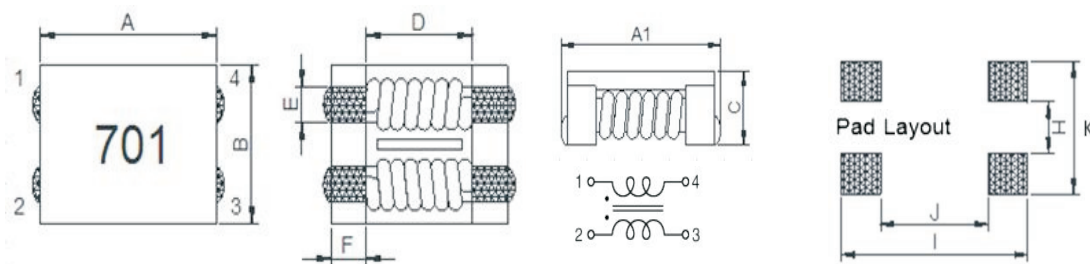
Product Identification:

ACM - **4520** **F** - **900**
(1) (2) (3) (4)



- (1) Series
- (2) Dimensions(L*H*W)
- (3) Type
- (4) Impedance(900=90Ω, 901=900Ω, 902=9000Ω)

DIMENSIONS DRAWING:



Shape and Dimensions								Recommended Pattern			
TYPE	A(mm)	A1(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	K(mm)	H(mm)	I(mm)	J(mm)
ACM-4520F	4.7±0.5	5.2±0.5	4.5±0.5	2.2Max	2.7Typ	0.8Typ	1.0Typ	3.0Typ	1.0Typ	6.0Typ	2.0Typ
ACM-7060F	7.0±0.5	7.5±0.5	6.0±0.5	3.8Max	3.5Typ	1.5Typ	1.7Typ	5.0Typ	1.5Typ	8.0Typ	3.0Typ
ACM-7060FC	7.0±0.5	7.5±0.5	6.0±0.5	4.1±0.3	3.5Typ	1.5Typ	1.7Typ	5.0Typ	1.5Typ	8.0Typ	3.0Typ
ACM-9070F	9.0±0.5	9.5±0.5	7.0±0.5	4.8Max	5.6Typ	1.5Typ	1.7Typ	5.5Typ	1.5Typ	10.5Typ	5.0Typ
ACM-1211F	12.0±0.5	12.5±0.5	10.8±0.5	6.4Max	7.0Typ	2.7Typ	2.5Typ	8.5Typ	2.0Typ	12.5Typ	6.5Typ
ACM-1513CF	15.0±0.5	15.6±0.5	13.0±0.5	6.6Max	9.4Typ	2.6Typ	2.5Typ	9.5Typ	3.3Typ	16.0Typ	8.8Typ

Common Mode Line Filte ACM - 4520F Series

ELECTRICAL CHARACTERISTIC:

Part Number	Impedance (Ω@100MHz)		DCR (mΩ) max.	Rated Current (A) Max	Rated Volt. (Vdc)max	IR (Ω) min.	MARK
	Min	Typ					
ACM-4520F-900	60	90	35	3.2	50	10M	900
ACM-4520F-151	90	150	40	3.1	50	10M	151
ACM-4520F-231	180	230	45	3.0	50	10M	231
ACM-4520F-301	200	300	45	3.0	50	10M	301
ACM-4520F-421	300	420	50	2.5	50	10M	401
ACM-4520F-701	500	700	59	2.2	50	10M	701
ACM-4520F-901	650	900	68	2.1	50	10M	901
ACM-4520F-102	800	1000	68	2.1	50	10M	102
ACM-4520F-122	1000	1200	74	2.0	50	10M	122
ACM-4520F-142	1200	1400	81	1.9	50	10M	142

(1).Rated Current: Temp.rise 40°C Typ

(2).Operating Temperature: -40°C up to +125°C

Common Mode Line Filte ACM - 7060F Series

ELECTRICAL CHARACTERISTIC:

Part Number	Impedance (Ω) @100MHz		DCR (m Ω) max.	Rated Current (A) Max	Rated Volt. (Vdc)max	IR (Ω) min..	MARK
	Min	Typ					
ACM-7060F-400	40	70	5	15.0	125	10	400
ACM-7060F-101	100	140	10	9.0	125	10	101
ACM-7060F-301	225	300	10	5.0	125	10	301
ACM-7060F-501	275	450	10	5.0	125	10	501
ACM-7060F-601	500	700	15	4.0	125	10	601
ACM-7060F-701	500	700	15	4.0	125	10	701
ACM-7060F-102	800	1020	17	3.0	125	10	102
ACM-7060F-132	910	1300	21	2.5	125	10	132
ACM-7060F-272	2000	2700	63	1.0	125	10	272
ACM-7060F-302	2500	3000	75	0.9	125	10	302

Common Mode Line Filte ACM - 7060FC Series

ELECTRICAL CHARACTERISTIC:

Part Number	Impedance (Ω) @100MHz		DCR (m Ω) max.	Rated Current (A) Max	Rated Volt. (Vdc)max	IR (Ω) min..	MARK
	Min	Typ					
ACM-7060FC-701	500	700	15	4.0	50	10	701
ACM-7060FC-102	800	1500	17	3.0	50	10	102

Common Mode Line Filte ACM - 9070F Series

ELECTRICAL CHARACTERISTIC:

Part Number	Impedance (Ω) @100MHz		DCR (m Ω) max.	Rated Current (A) Max	Rated Volt. (Vdc)max	IR (Ω) min..	MARK
	Min	Typ					
ACM-9070F-301	225	300	6	6.0	80	10	301
ACM-9070F-501	450	600	8	5.5	80	10	501
ACM-9070F-701	500	700	10	5.0	80	10	701
ACM-9070F-102	750	1000	13	4.0	80	10	102
ACM-9070F-222	1700	2200	50	3.0	80	10	222
ACM-9070F-272	2000	2700	80	2.0	80	10	272
ACM-9070F-302	2500	3000	80	2.0	80	10	302

(1).Rated Current: Temp.rise 40°C Typ

(2).Operating Temperature: -40°C up to +125°C

Common Mode Line Filte ACM - 1211F Series

ELECTRICAL CHARACTERISTIC:

Part Number	Impedance (Ω) @100MHz		DCR (m Ω) max.	Rated Current (A) Max	Rated Volt. (Vdc)max	IR (Ω) min..	MARK
	Min	Typ					
ACM-1211F-800	80	230	2.0	10.0	125	10	800
ACM-1211F-301	200	300	4.0	9.0	125	10	301
ACM-1211F-501	300	500	5.5	8.0	125	10	501
ACM-1211F-701	500	700	6.0	8.0	125	10	701
ACM-1211F-801	600	800	8.0	8.0	125	10	801
ACM-1211F-102	750	1000	14.0	6.0	125	10	102
ACM-1211F-222	2200	2500	35.0	1.8	125	10	222
ACM-1211F-272	2300	2700	50.0	1.5	125	10	272

Common Mode Line Filte ACM - 1513CF Series

ELECTRICAL CHARACTERISTIC:

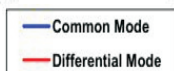
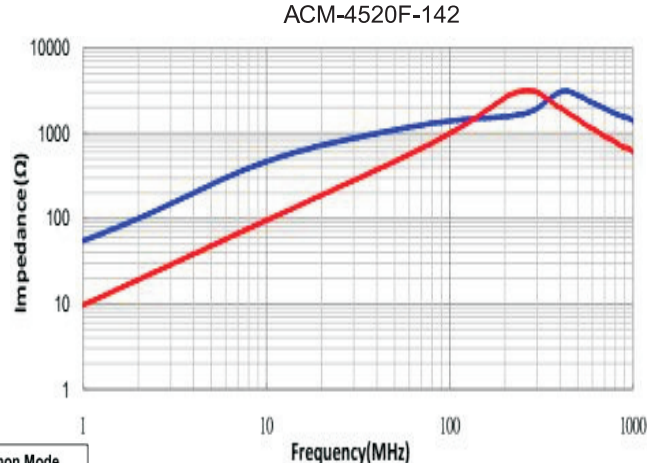
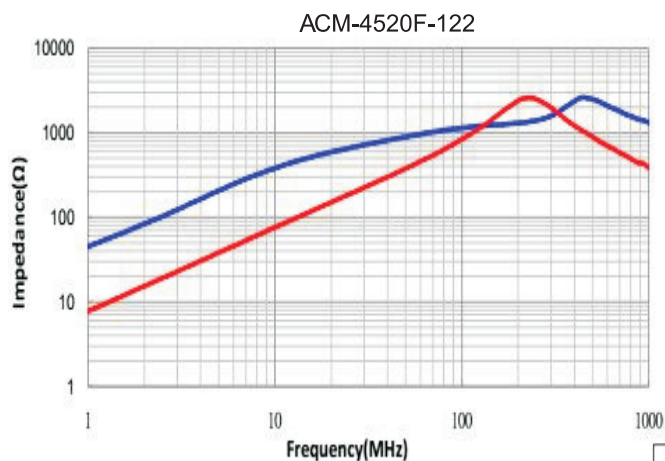
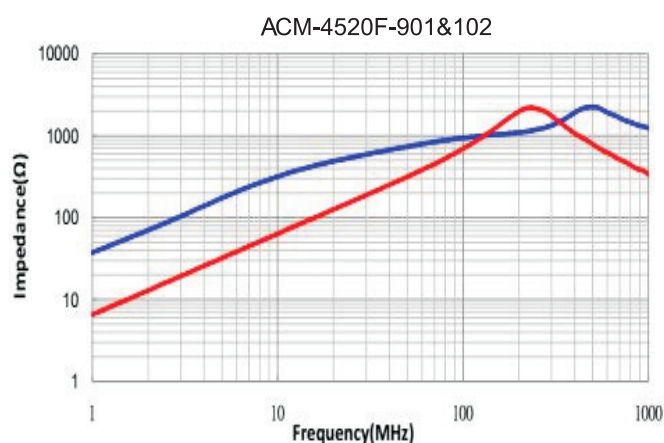
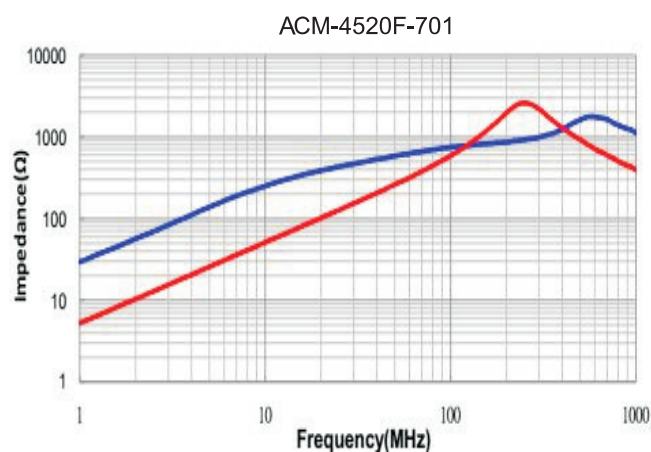
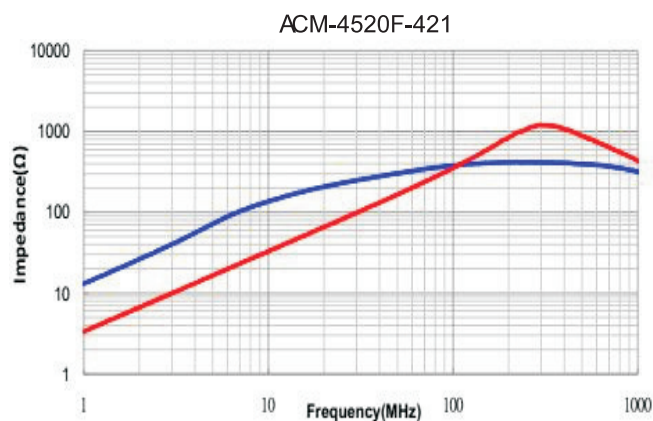
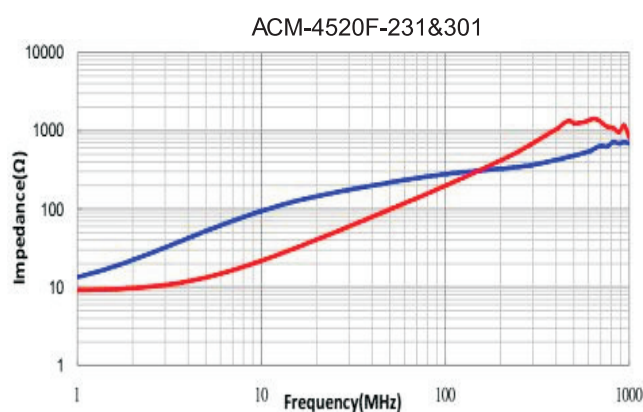
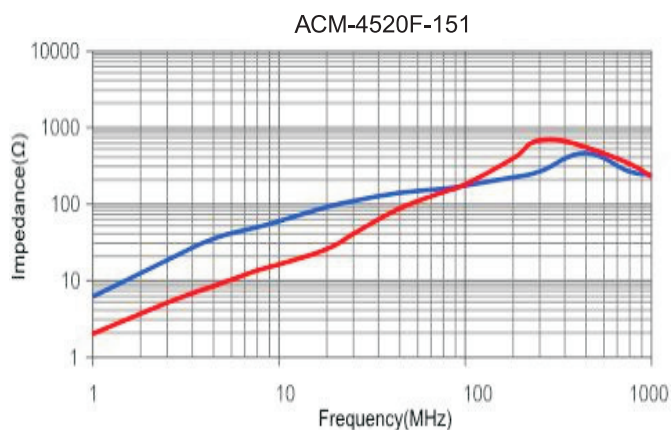
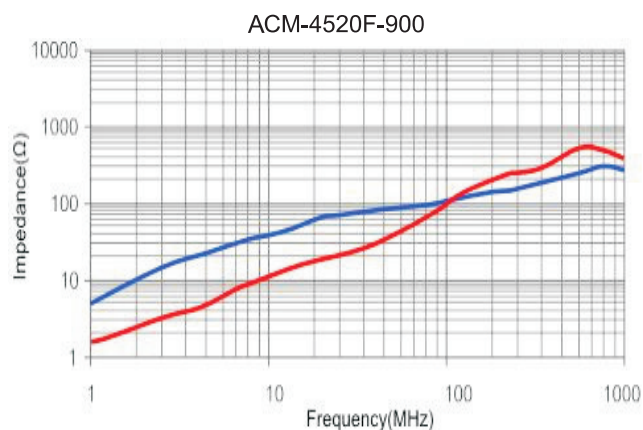
Part Number	Impedance (Ω) @100MHz		DCR (m Ω) max.	Rated Current (A) Max	Rated Volt. (Vdc)max	IR (Ω) min.	MARK
	Min	Typ					
ACM-1513CF-301	250	300	5.0	13.0	80	10	301
ACM-1513CF-551	450	550	6.0	10.0	80	10	551
ACM-1513CF-601	500	600	7.0	10.0	80	10	601
ACM-1513CF-701	500	700	7.0	10.0	80	10	701
ACM-1513CF-102	800	1000	12.0	10.0	80	10	102

(1).Rated Current: Temp.rise 40°C Typ

(2).Operating Temperature: -40°C up to +125°C

Common Mode Line Filte ACM - 4520F Series

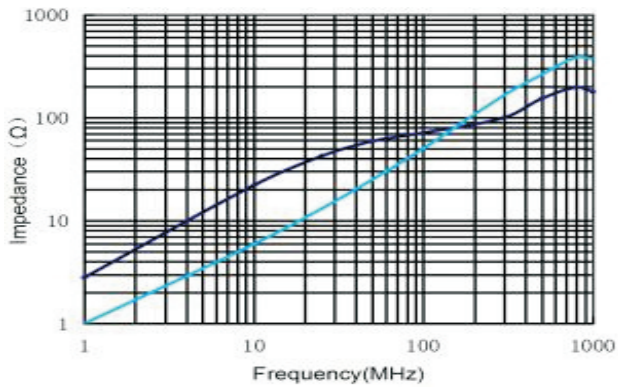
CHARACTERISTICS(REFERENCE)



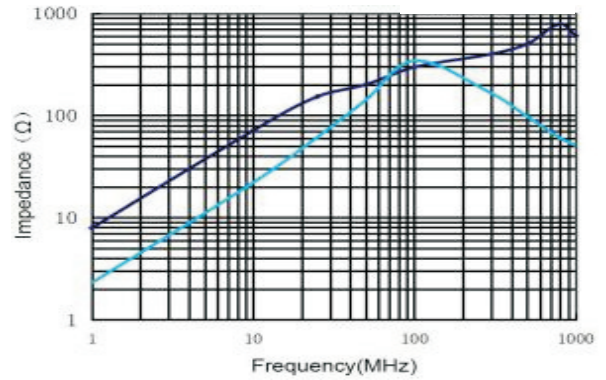
Common Mode Line Filte ACM - 7060F Series

CHARACTERISTICS(REFERENCE)

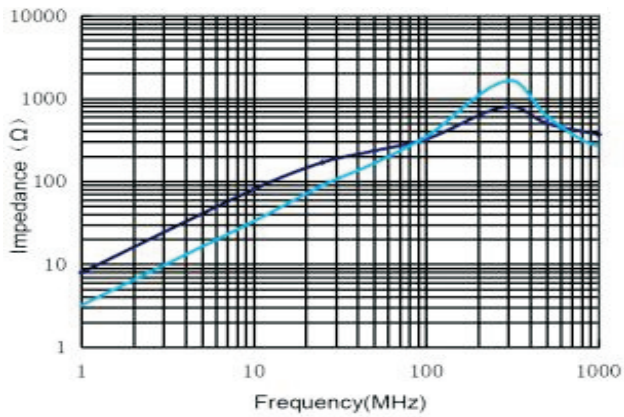
ACM-7060F-400



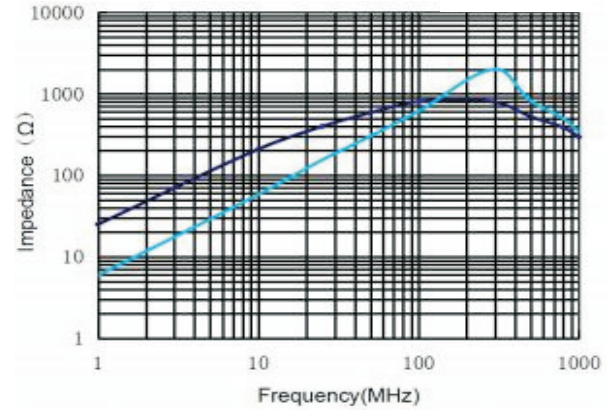
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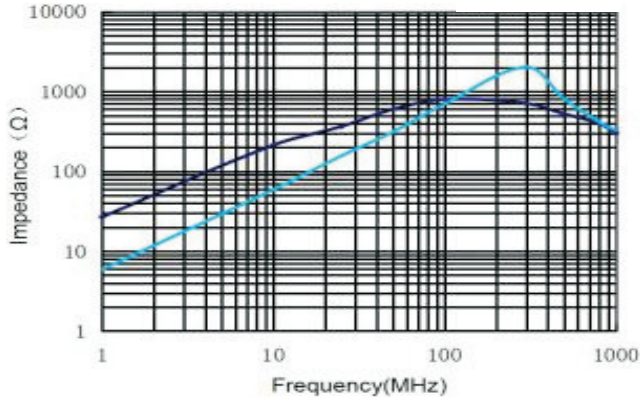
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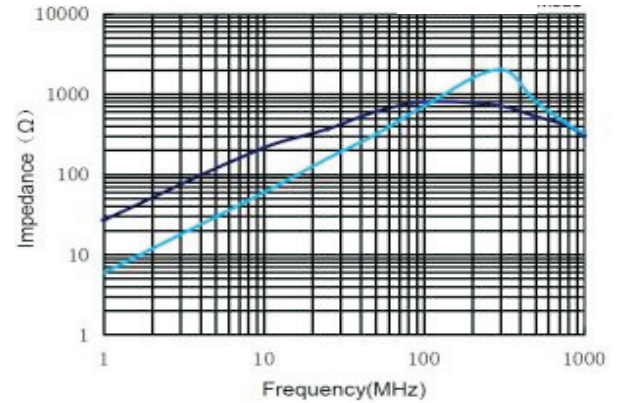
ACM-7060F-501



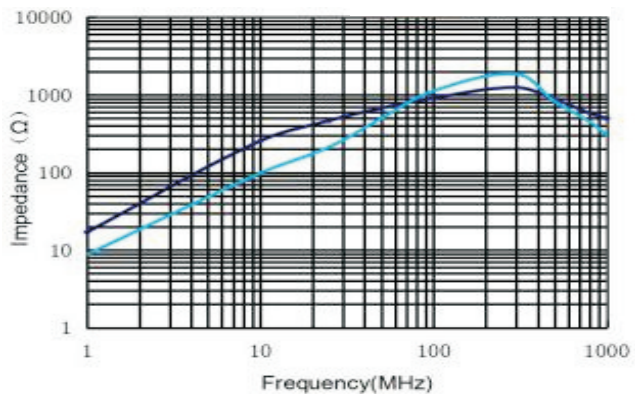
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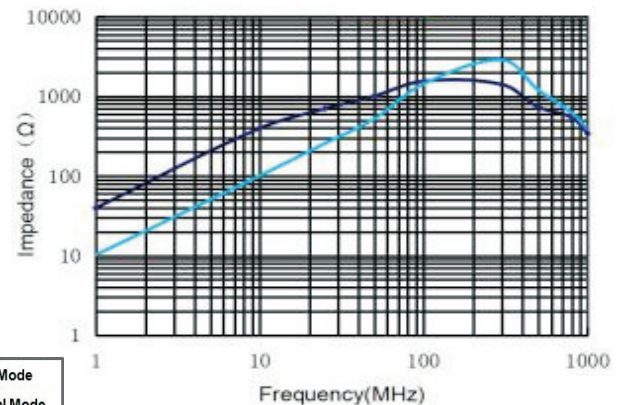
ACM-7060F-701



ACM-7060F-102



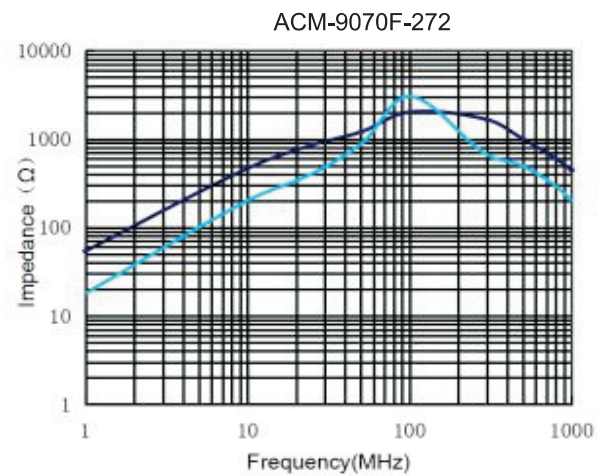
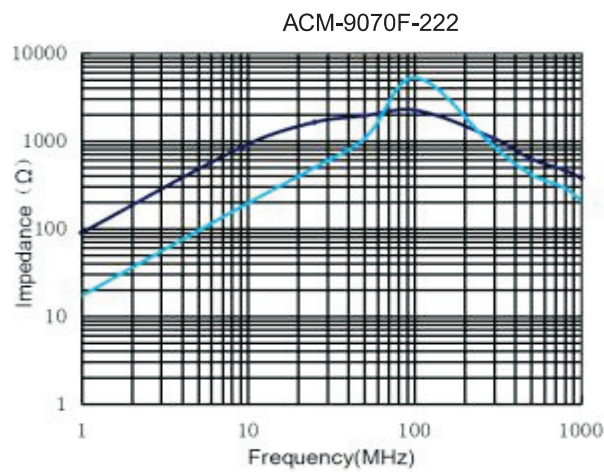
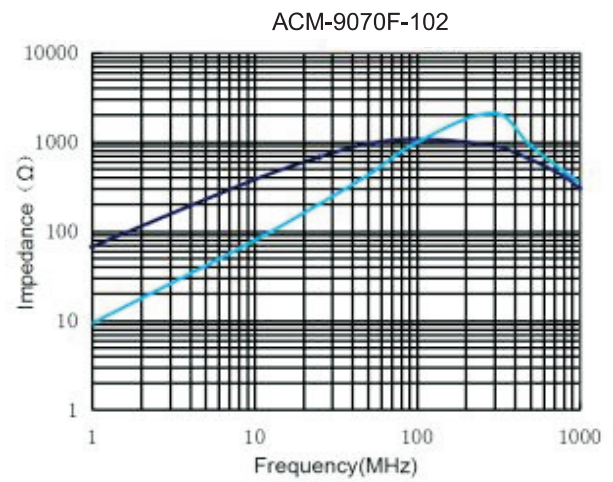
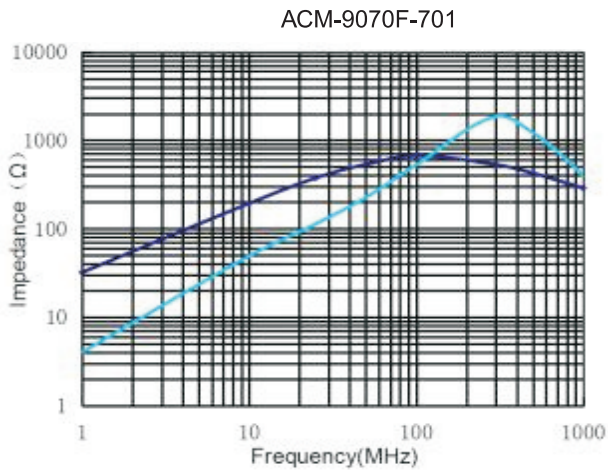
ACM-7060F-132



— Common Mode
— Differential Mode

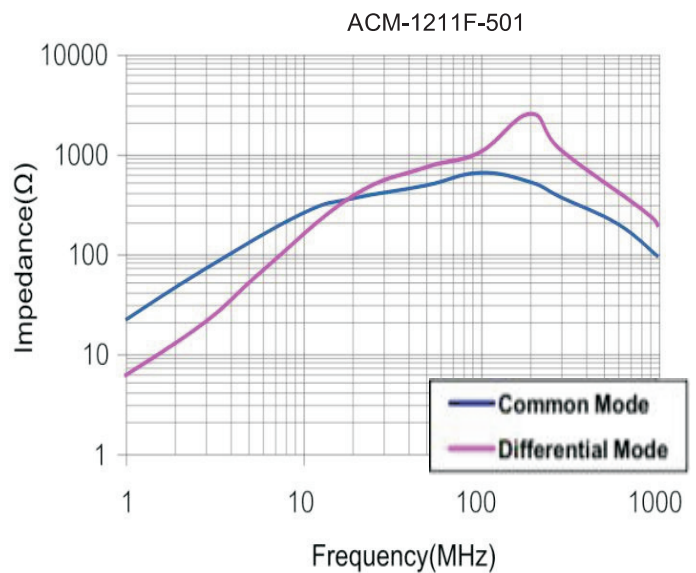
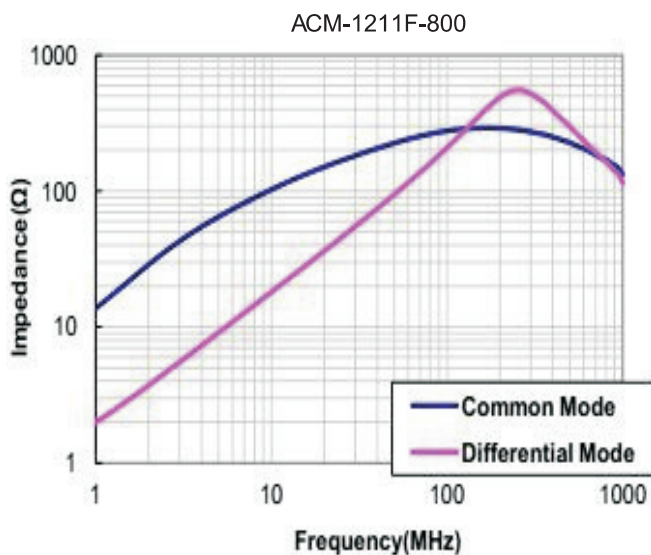
Common Mode Line Filte ACM - 9070F Series

CHARACTERISTICS(REFERENCE)



Common Mode Line Filte ACM - 1211F Series

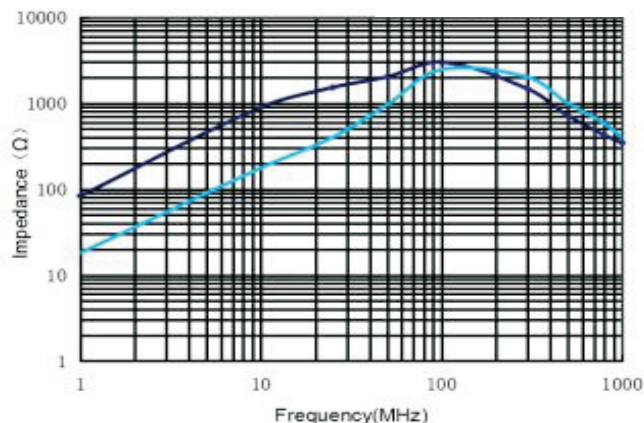
CHARACTERISTICS(REFERENCE)



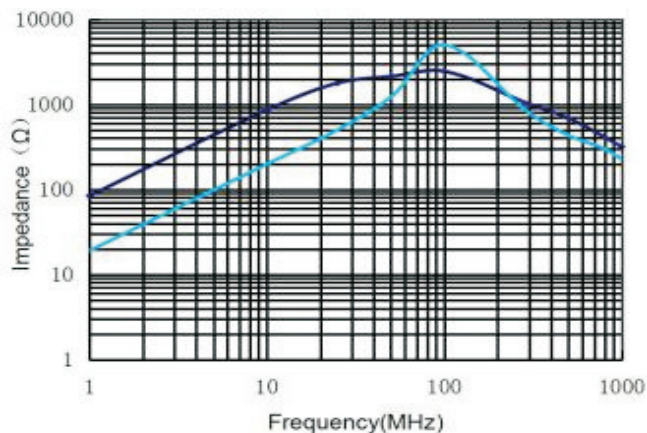
Common Mode Line Filte ACM - 7060F Series

CHARACTERISTICS(REFERENCE)

ACM-7060F-272



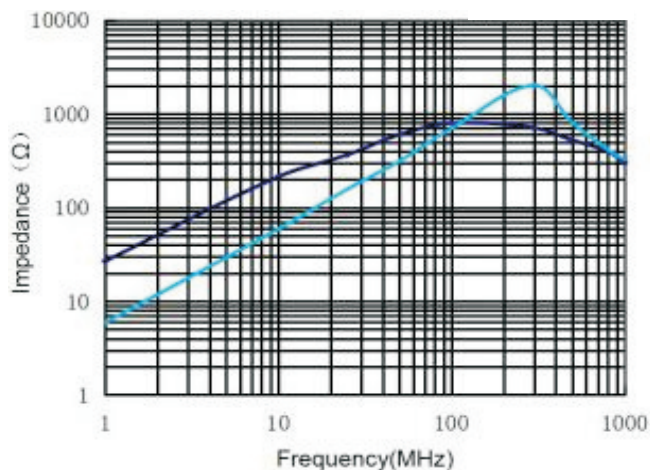
ACM-7060F-302



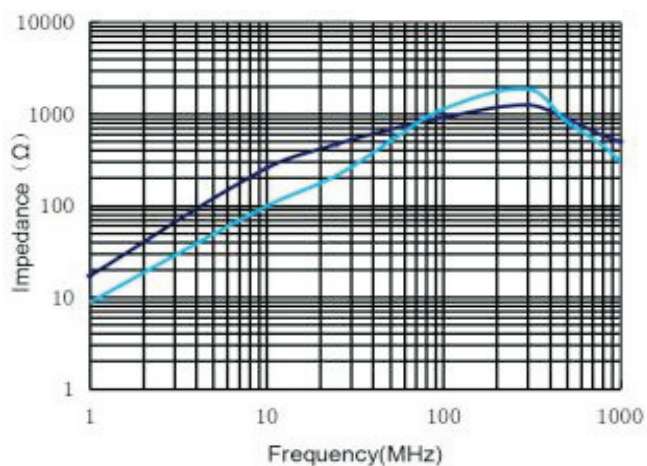
Common Mode Line Filte ACM - 7060FC Series

CHARACTERISTICS(REFERENCE)

ACM-7060FC-701



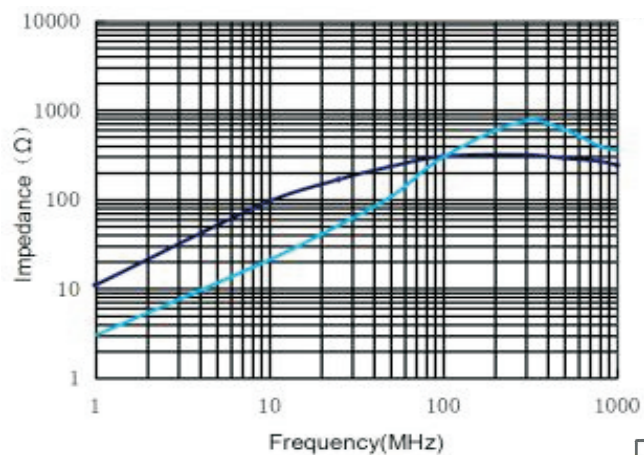
ACM-7060F-102



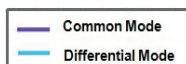
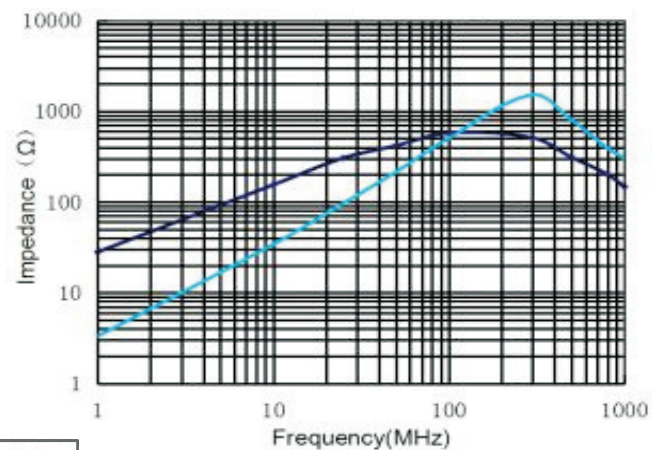
Common Mode Line Filte ACM - 9070F Series

CHARACTERISTICS(REFERENCE)

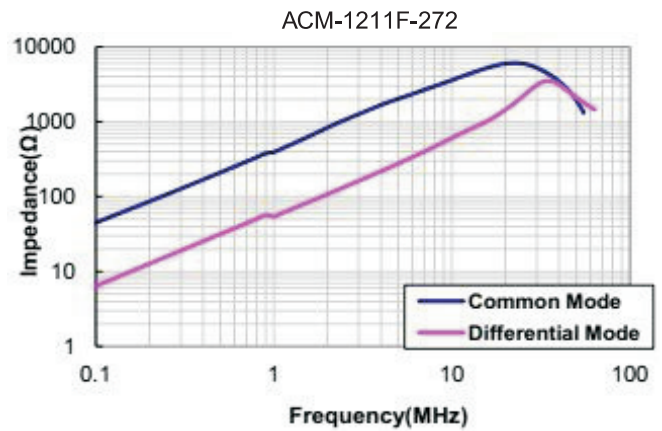
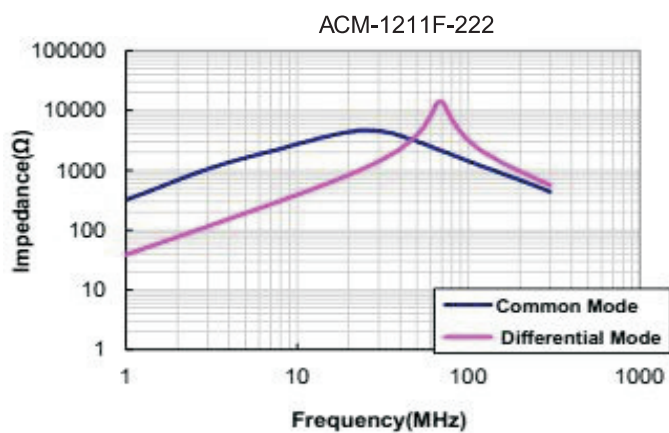
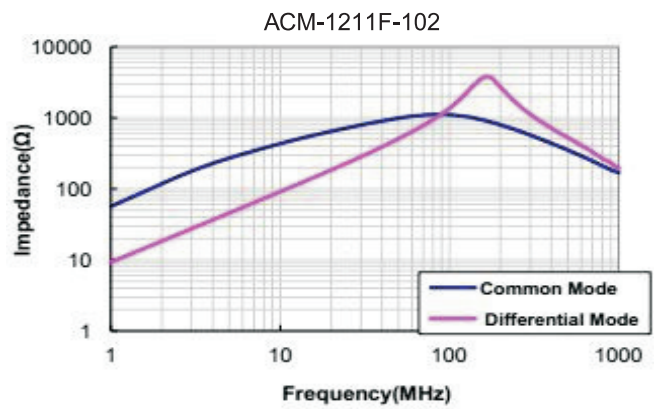
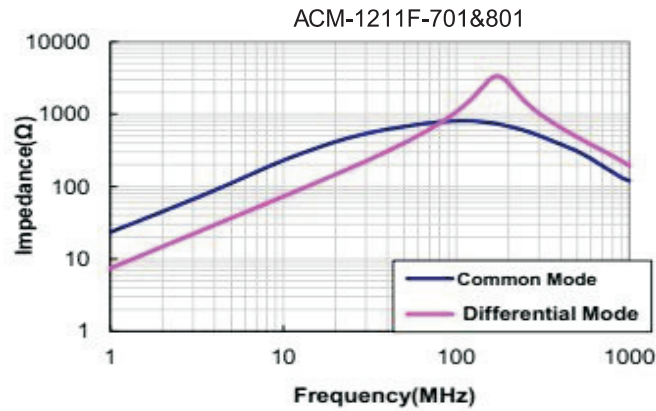
ACM-9070F-301



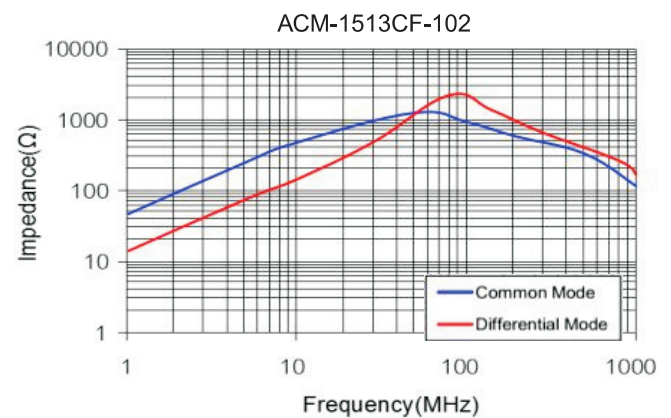
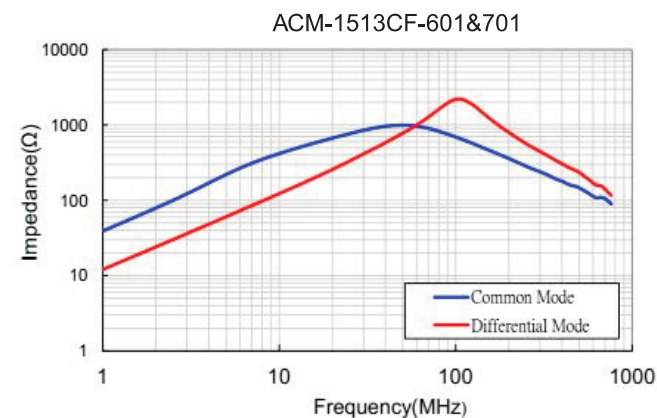
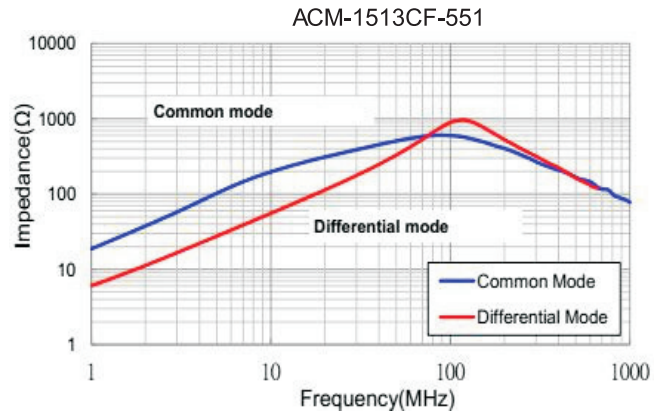
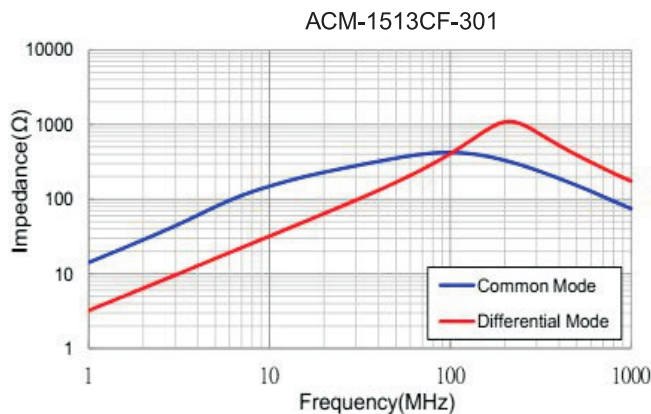
ACM-9070F-501



Common Mode Line Filte ACM - 1211F Series CHARACTERISTICS(REFERENCE)



Common Mode Line Filte ACM - 1513CF Series CHARACTERISTICS(REFERENCE)



Common Mode Line Filte ACM-**F Series

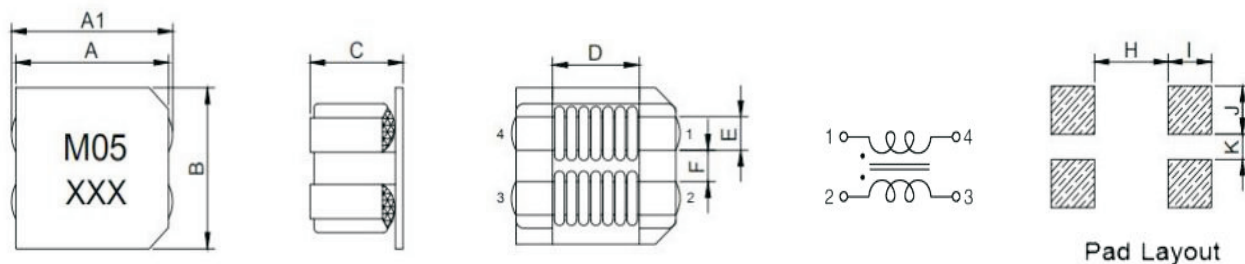
Product Identification:

ACM - 7978 F - 501
(1) (2) (3) (4)

- (1) Series
- (2) Dimensions(L*H*W)
- (3) Type
- (4) Impedance(500=50Ω, 501=500Ω, 502=5000Ω)



DIMENSIONS DRAWING:



Shape and Dimensions								Recommended Pattern			
TYPE	A(mm)	A1(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	K(mm)	H(mm)	I(mm)	J(mm)
ACM-7978F	7.9Max	8.9Max	7.5±0.3	4.8Max	4.3Typ	1.6Typ	1.5Typ	1.2Typ	3.9Typ	2.3Typ	2.3Typ

Common Mode Line Filte ACM - 7978F Series

ELECTRICAL CHARACTERISTIC:

Part Number	Impedance (Ω) @100MHz	DCR (mΩ) max. (1-4=2-3)	Rated Current (A) Max (3-4Short)	IR (Ω) min..	MARK
ACM-7978F-501	500Min	10.5	4.8	10M	501

- (1).Rated Current: Temp.rise 40°C Typ
- (2).Operating Temperature: -40°C up to +125°C

Common Mode Line Filte ACM - 7978F Series

CHARACTERISTICS(REFERENCE)

