

ABCO EMC COMPONENTS

AEC-Q200

Common Mode Filter ECTW31P2-A Series



5448-4, Sangdaewon-dong, Jungwon-gu,
Seongnam-si, Gyeonggi-do, KOREA

Sales Dept. TEL:82-31-730-5083

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■ Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
3. High reliability -Reliability tests comply with AEC-Q200
4. Operating temperature -40~+125°C (Including self - temperature rise)

■ Ordering Code

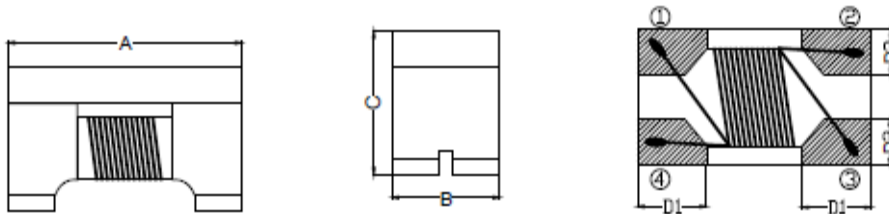
ECTW	31	P2	-	900	A
①	②	③		④	⑤

① Series name	② Dimensions(mm)	③ Number of Lines
ECTW	31 : 3.2(L) × 1.6(W)	P2 2Lines

④ Common mode Impedance(Ω)	⑤ Internal Code
900 90	A
121 120	
102 1000	

▣ Shapes and Dimensions

Unit: mm



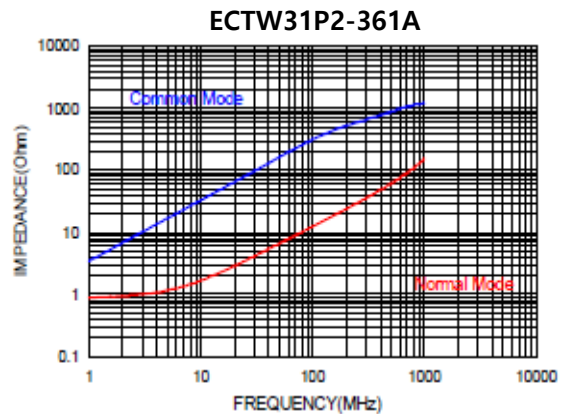
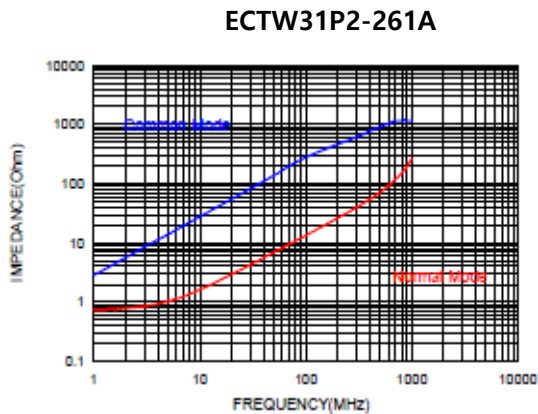
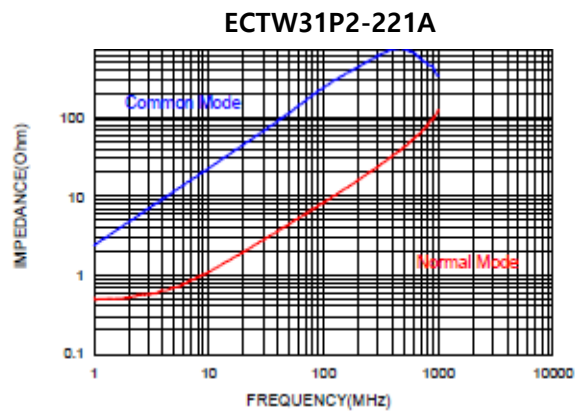
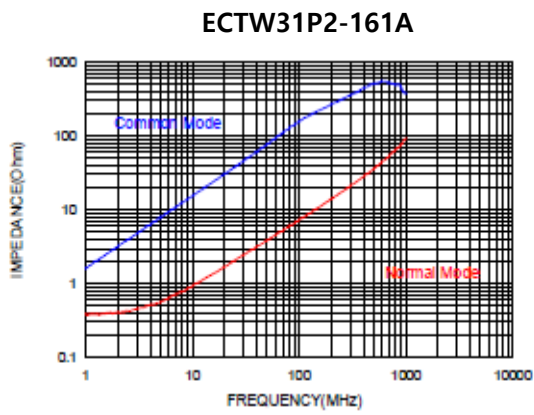
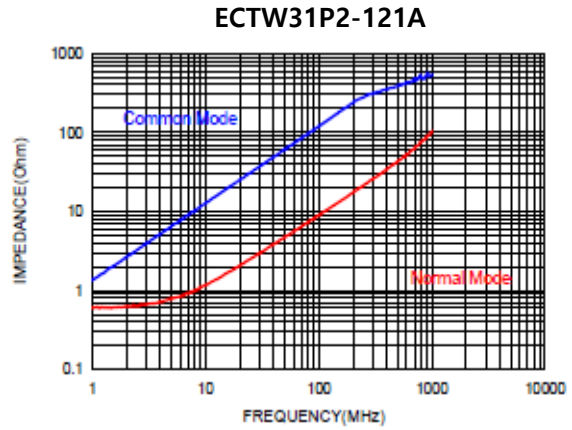
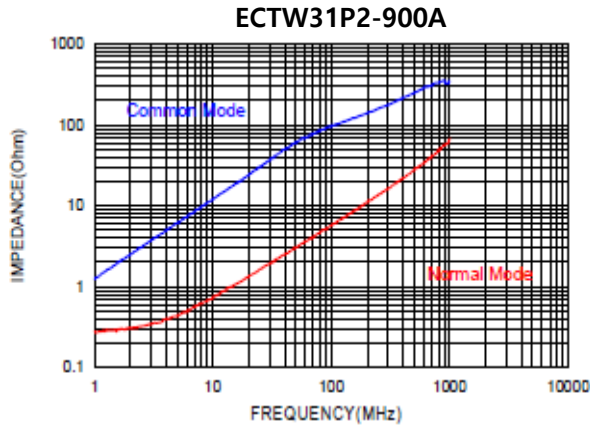
Series	A	B	C	D1	D2
ECTW31P2-A	3.2±0.2	1.6±0.2	2.0±0.2	0.50±0.1	0.5±0.1

▣ Electrical Characteristics

Part Number	Common mode Impedance(Ω)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc)	IR (MΩ) min.
ECTW31P2-900A	90±25%	0.30	400	50	125	10
ECTW31P2-121A	120±25%	0.30	350	50	125	10
ECTW31P2-161A	160±25%	0.40	350	50	125	10
ECTW31P2-221A	220±25%	0.45	300	50	125	10
ECTW31P2-261A	260±25%	0.50	300	50	125	10
ECTW31P2-361A	360±25%	0.60	300	50	125	10
ECTW31P2-601A	600±25%	0.80	300	50	125	10
ECTW31P2-102A	1000±25%	1.00	200	50	125	10
ECTW31P2-222A	2200±25%	1.20	200	50	125	10

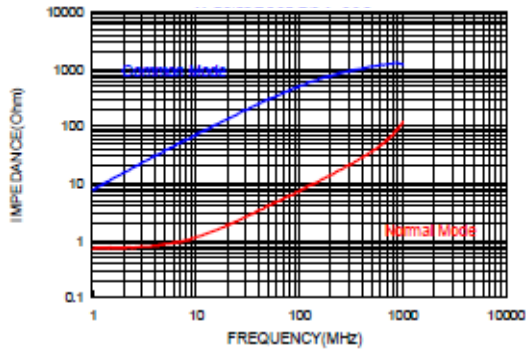
* Test Frequency : Impedance 100MHz/60mV

■ Typical Impedance v.s. Frequency Curve

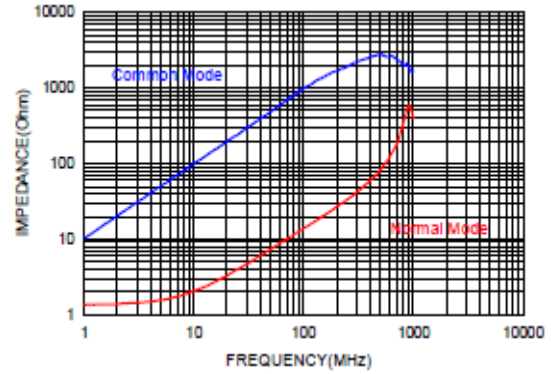


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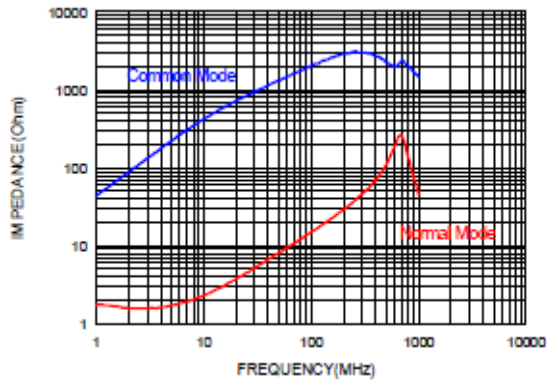
ECTW31P2-601A



ECTW31P2-102A



ECTW31P2-222A



■ Schematic Diagram

