

ABCO EMC COMPONENTS

AEC-Q200

Common Mode Filter ECTW21P2-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**

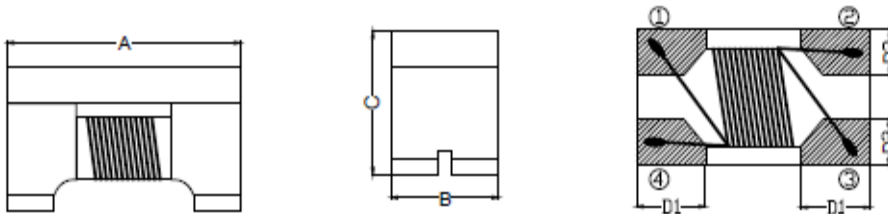
ECTW	21	P2	-	900	A
①	②	③		④	⑤

① Series name	② Dimensions(mm)	③ Number of Lines
ECTW	21 : 2.0(L) × 1.2(W)	P2 2Lines

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

▣ Shapes and Dimensions

Unit: mm



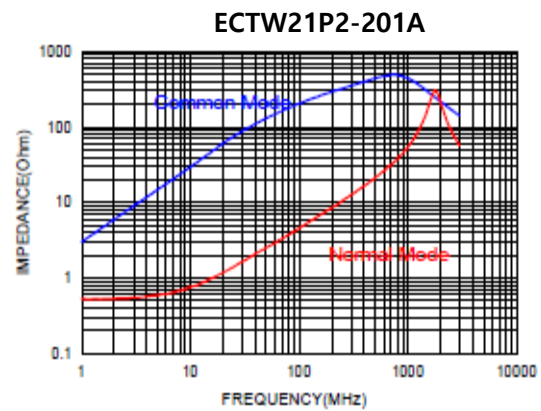
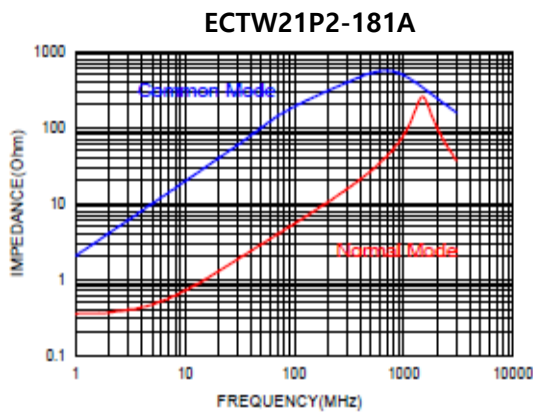
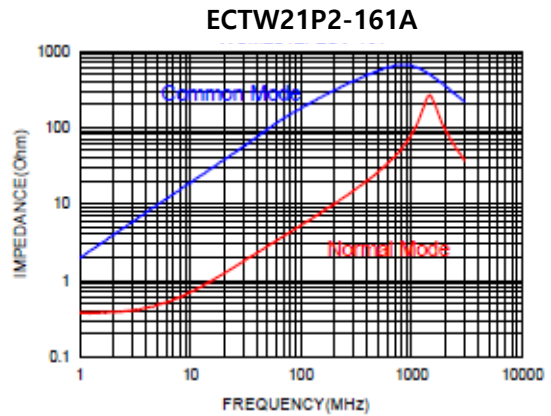
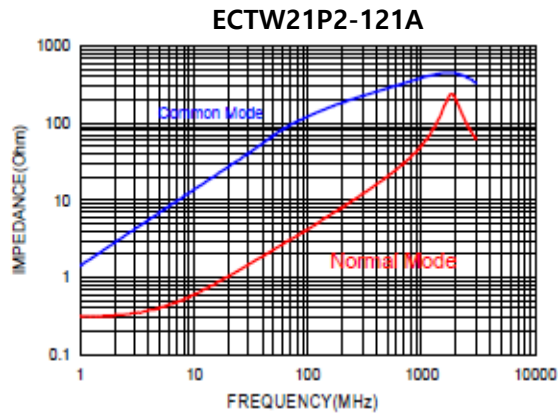
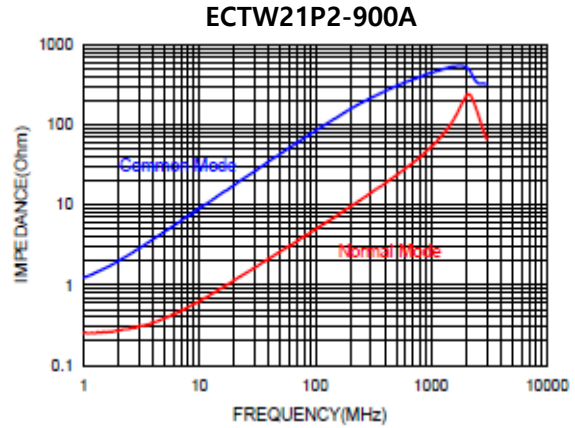
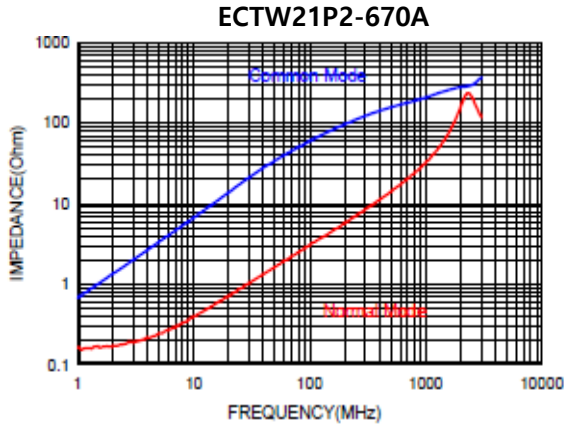
Series	A	B	C	D1	D2
ECTW21P2-A	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1

▣ Electrical Characteristics

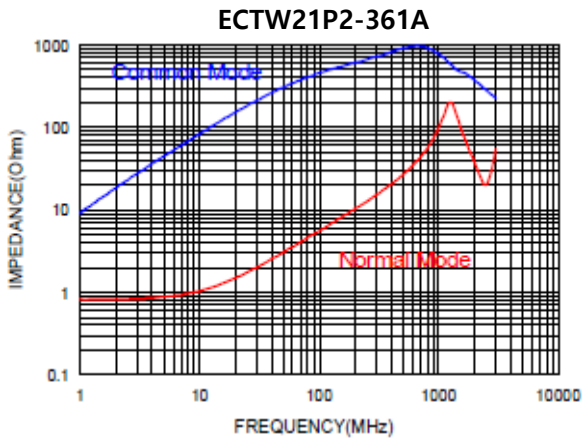
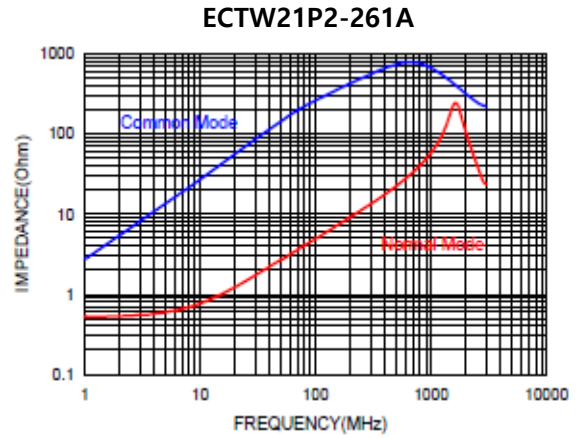
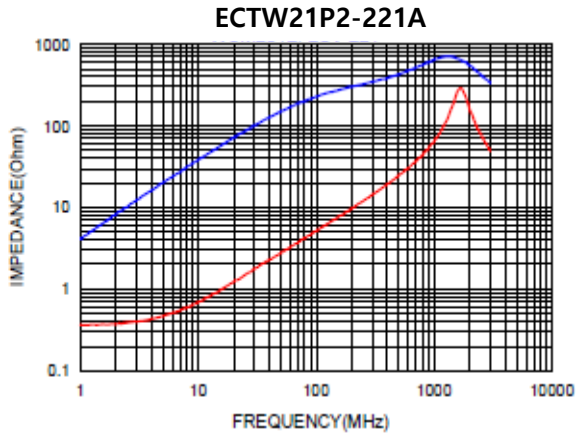
Part Number	Common mode Impedance(Ω)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc)	IR (MΩ) min.
ECTW21P2-670A	67±25%	0.25	400	50	125	10
ECTW21P2-900A	90±25%	0.30	400	50	125	10
ECTW21P2-121A	120±25%	0.30	400	50	125	10
ECTW21P2-161A	160±25%	0.35	350	50	125	10
ECTW21P2-181A	180±25%	0.35	350	50	125	10
ECTW21P2-201A	200±25%	0.40	300	50	125	10
ECTW21P2-221A	220±25%	0.40	300	50	125	10
ECTW21P2-261A	260±25%	0.40	300	50	125	10
ECTW21P2-361A	360±25%	0.50	300	50	125	10

* Test Frequency : Impedance 100MHz/60mV

■ Typical Impedance v.s. Frequency Curve



■ Typical Impedance v.s. Frequency Curve



■ Schematic Diagram

