

ABCO EMC COMPONENTS

Common Mode Filter

ECTW21P2-N Series



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ABCO ELECTRONICS CO., LTD.

ECTW21P2-N Series



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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. Operating temperature -40~+125°C (Including self - temperature rise)

■ Ordering Code

ECTW **21** **P2** - **900** **N**

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	N	
121	120		
102	1000		

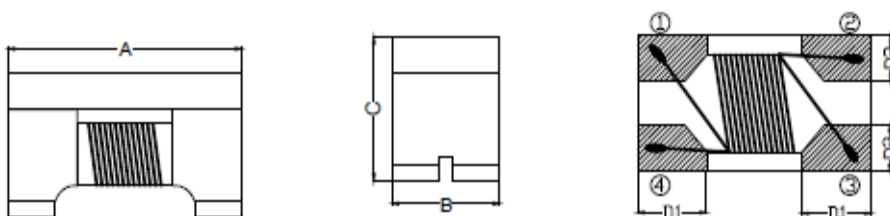
ECTW21P2-N Series



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▣ Shapes and Dimensions

Unit: mm



Series	A	B	C	D1	D2
ECTW21P2-N	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.
ECTW21P2-670N	67±25%	0.25	400	50	125	10
ECTW21P2-900N	90±25%	0.30	400	50	125	10
ECTW21P2-121N	120±25%	0.30	400	50	125	10
ECTW21P2-161N	160±25%	0.35	350	50	125	10
ECTW21P2-181N	180±25%	0.35	350	50	125	10
ECTW21P2-201N	200±25%	0.40	300	50	125	10
ECTW21P2-221N	220±25%	0.40	300	50	125	10
ECTW21P2-261N	260±25%	0.40	300	50	125	10
ECTW21P2-361N	360±25%	0.50	300	50	125	10
ECTW21P2-601N	600±25%	0.88	300	50	125	10
ECTW21P2-801N	800±25%	0.88	300	50	125	10
ECTW21P2-102N	1000±25%	1.30	100	50	125	10

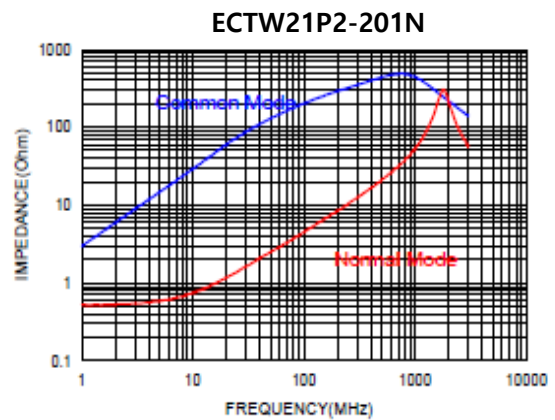
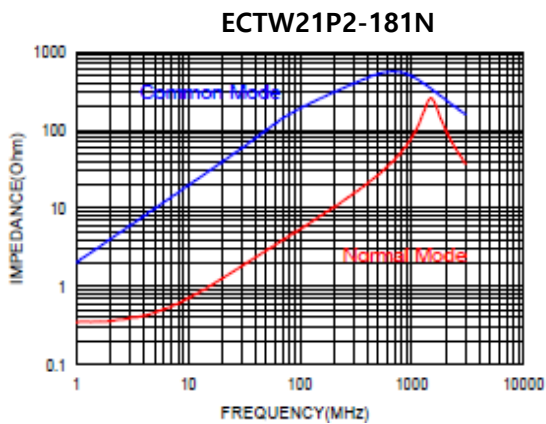
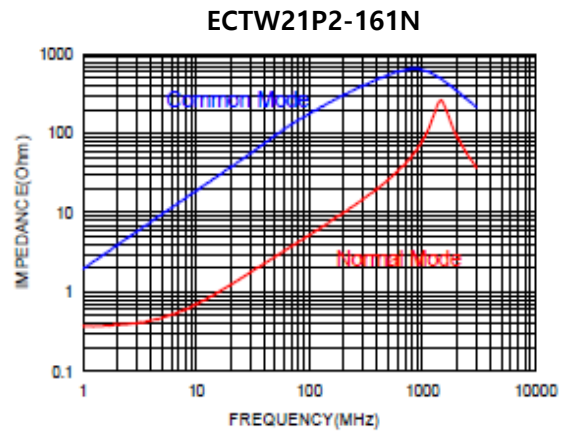
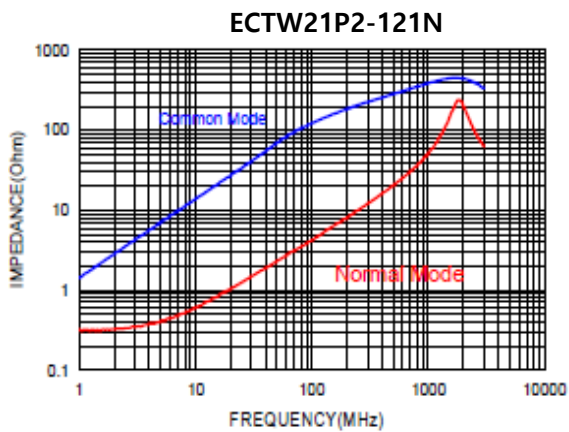
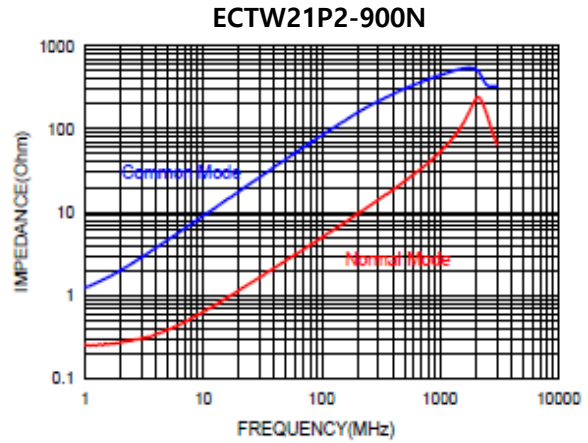
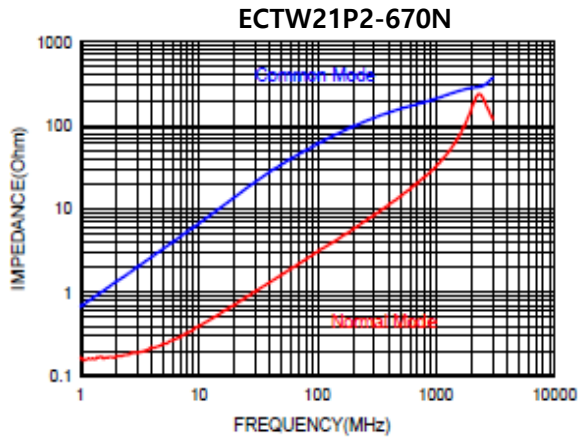
* Test Frequency : Impedance 100MHz

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Typical Impedance v.s. Frequency Curve

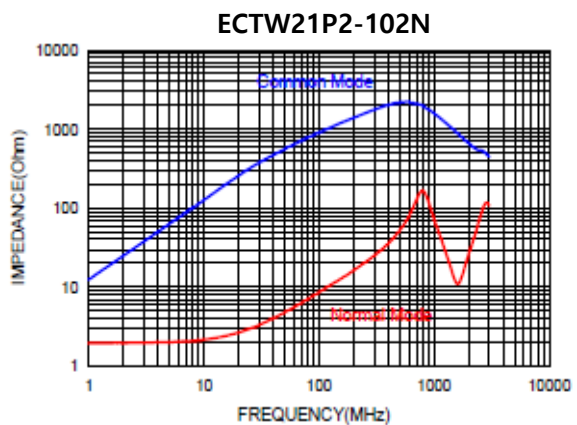
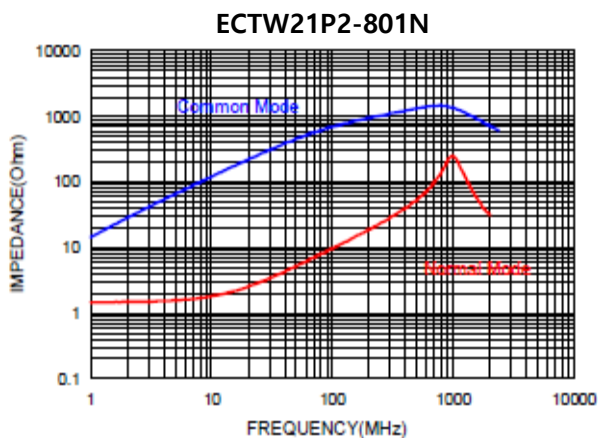
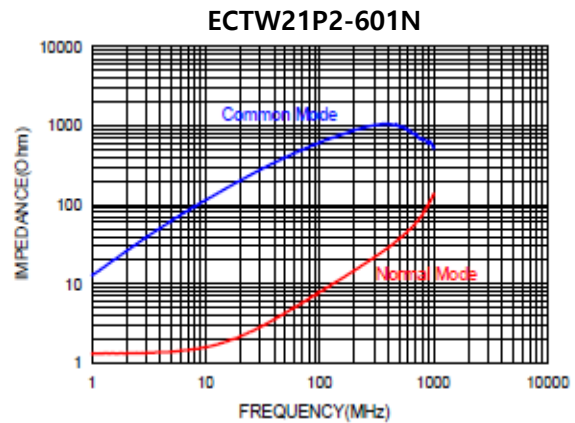
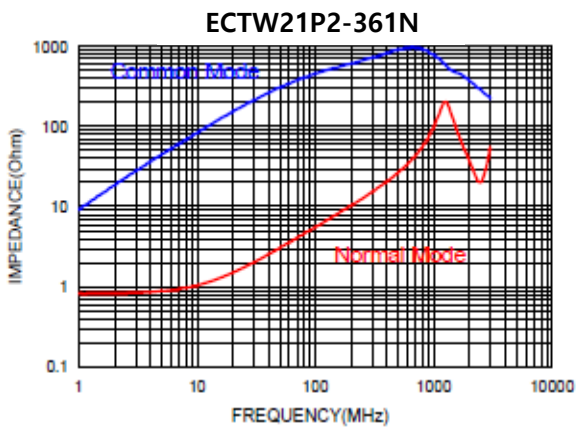
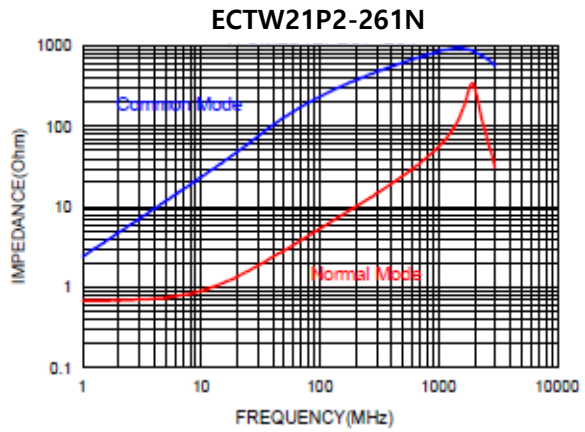
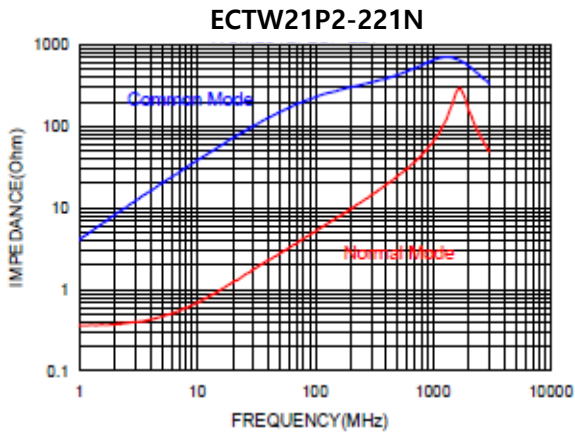


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Typical Impedance v.s. Frequency Curve



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■ Schematic Diagram

