

ABCO EMC COMPONENTS

Common Mode Filter

ECTW43P2-NH Series



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ABCO ELECTRONICS CO., LTD.

ECTW43P2-NH Series



<http://www.abco.co.kr>

■ 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 **43** **P2** - **900** **NH**

① ② ③ ④ ⑤

① Series name	② Dimensions(mm)	③ Number of Lines	
ECTW	43 : 4.5(L) × 3.2(W)	P2	2Lines
④ Common mode Impedance(Ω)		⑤ Internal Code	
900	90	NH	
231	230		
142	1400		

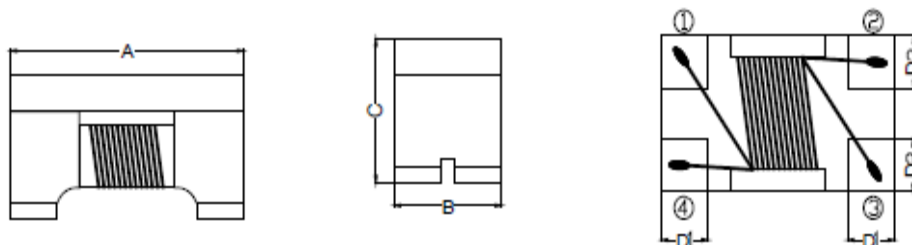
ECTW43P2-NH Series



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■ Shapes and Dimensions

Unit: mm



Series	A	B	C	D1	D2
ECTW43P2-NH	4.5±0.2	3.2±0.2	2.8±0.2	0.90±0.15	1.05±0.15

■ 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.
	Min.	Typ.					
ECTW43P2-900NH	68	90	0.050	4000	50	125	10
ECTW43P2-231NH	173	230	0.050	3500	50	125	10
ECTW43P2-421NH	300	420	0.055	3200	50	125	10
ECTW43P2-601NH	450	600	0.060	2500	50	125	10
ECTW43P2-901NH	650	900	0.070	2300	50	125	10
ECTW43P2-142NH	1000	1400	0.100	2000	50	125	10
ECTW43P2-282NH	2100	2800	0.350	900	50	125	10

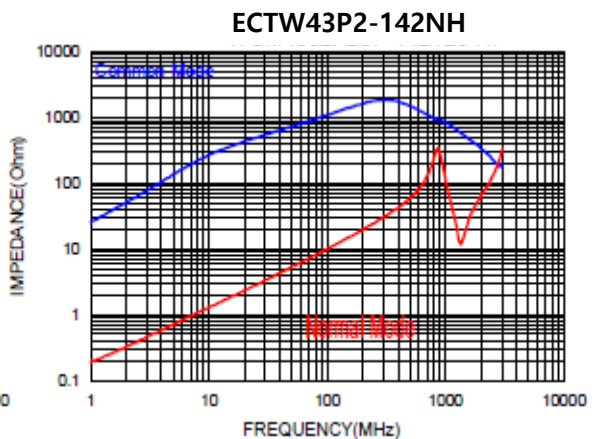
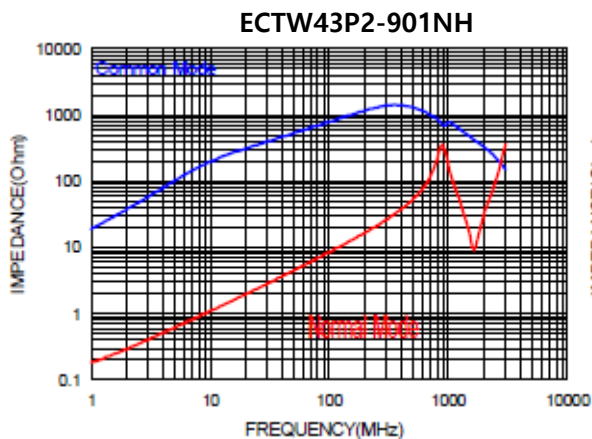
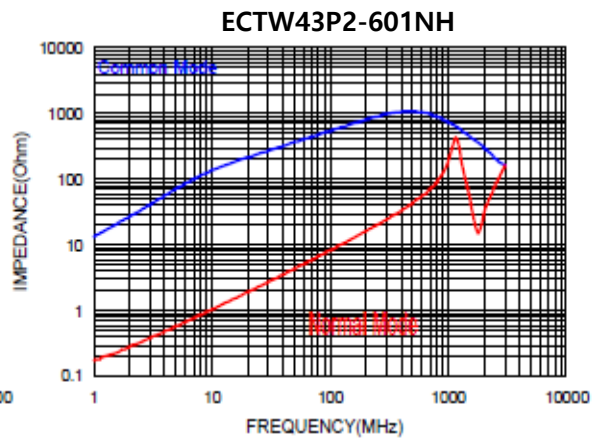
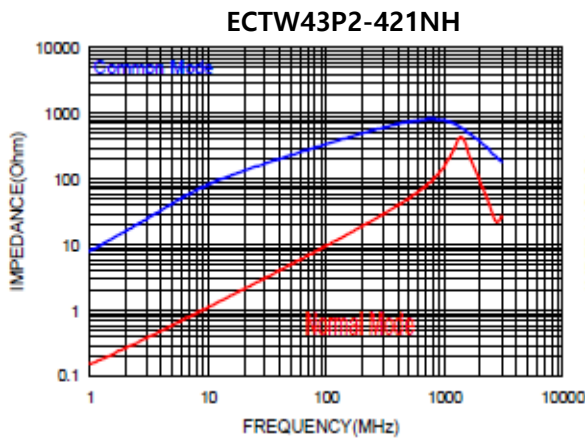
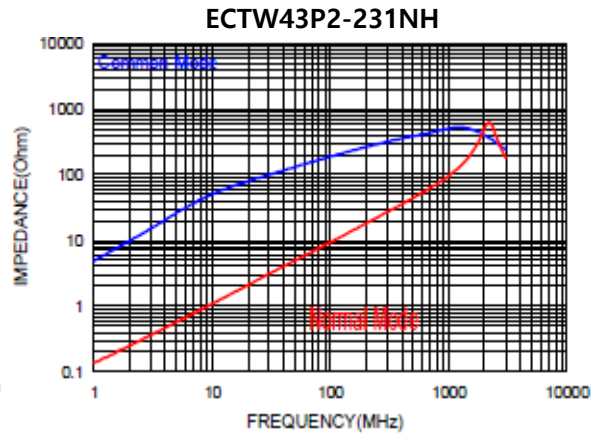
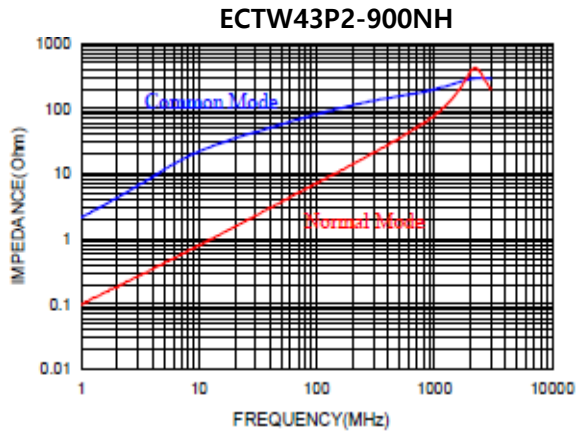
* Test Frequency : Impedance 100MHz/60mV

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Typical Impedance v.s. Frequency Curve

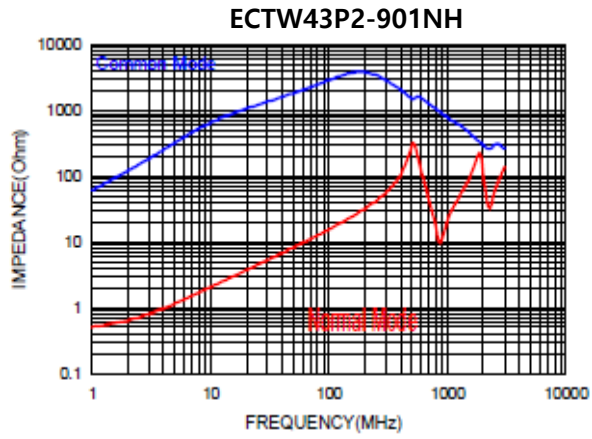


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■ Typical Impedance v.s. Frequency Curve



■ Schematic Diagram

