

**ABCO EMC COMPONENTS**

**AEC-Q200**

## **Common Mode Filter** **ECTW76P2 Series**



5448-4, Sangdaewon-dong, Jungwon-gu,  
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**ABCO ELECTRONICS CO., LTD.**

### ■ Features and Application

1. High reliability -Reliability tests comply with AEC-Q200
2. Operating temperature-40~+125°C (Including self - temperature rise)

### ■ Ordering Code

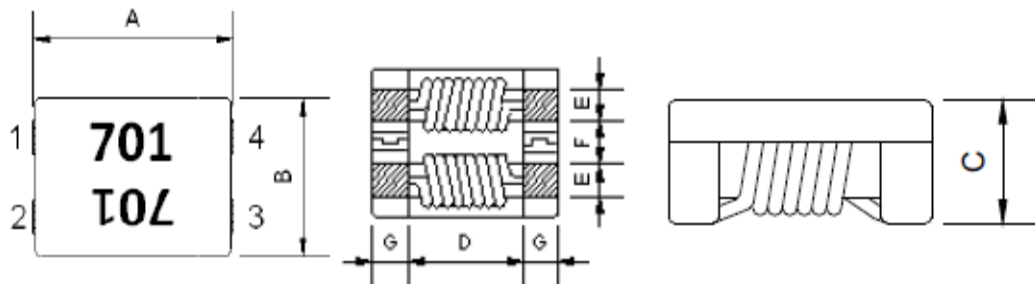
<b>ECTW</b>	<b>76</b>	<b>P2</b>	-	<b>501</b>
①	②	③		④

① Series name	② Dimensions(mm)	③ Number of Lines
ECTW	76: 7.0(L) × 6.0(W)	P2      2Lines

④ Common mode Impedance(Ω)	
400	40
501	500
132	1300

**■ Shapes and Dimensions**

Unit: mm



Series	A	B	C	D	E	F	G
ECTW76P2	7.0±0.5	6.0±0.5	3.8 max.	3.5 typ.	1.5±0.5	1.5±0.5	1.7±0.5

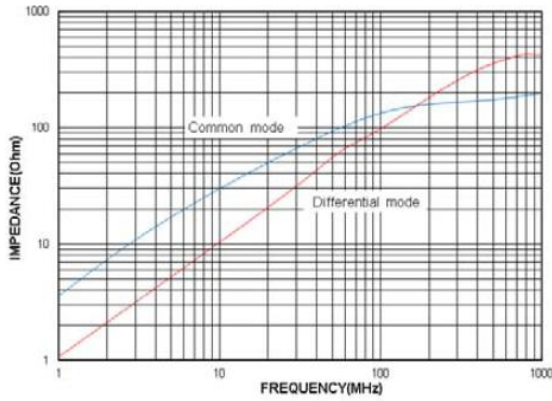
**■ Electrical Characteristics**

Part Number	Common mode Impedance(Ω)		DC Resistance (mΩ) max.	Rated Current (A) max.	Rated Volt. (Vdc) max.	IR (MΩ) min.
	min.	typ.				
ECTW76P2-400	40	70	5	15	80	10
ECTW76P2-650	65	100	5	14	80	10
ECTW76P2-101	100	140	10	9	80	10
ECTW76P2-301	225	300	10	5	80	10
ECTW76P2-501	400	500	10	5	80	10
ECTW76P2-701	500	700	15	4	80	10
ECTW76P2-102	800	1020	17	3	80	10
ECTW76P2-132	910	1300	20	3	80	10

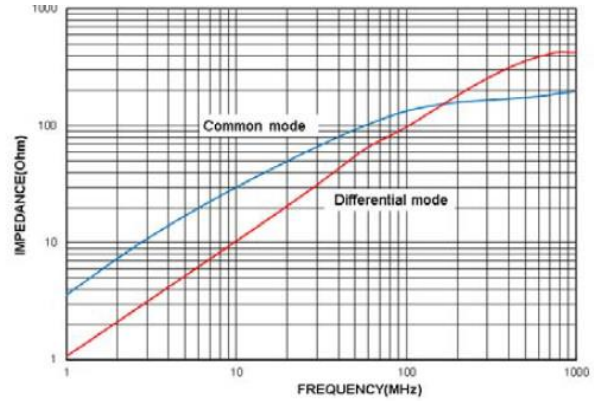
. 1. Test Frequency : Impedance:100MHz

▣ Typical Impedance v.s. Frequency Curve

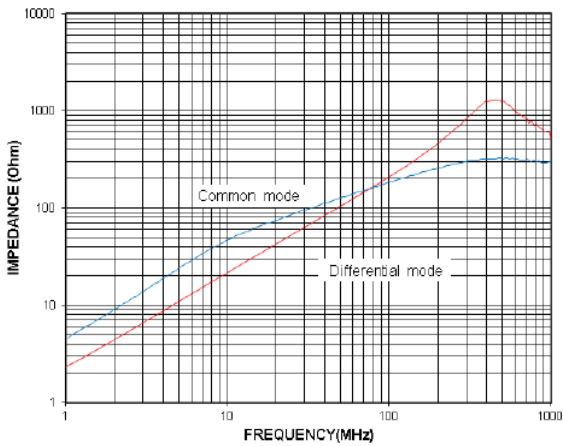
**ECTW76P2-400**



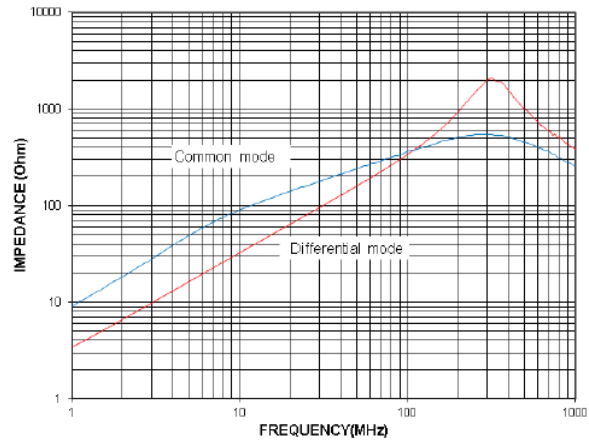
**ECTW76P2-650**



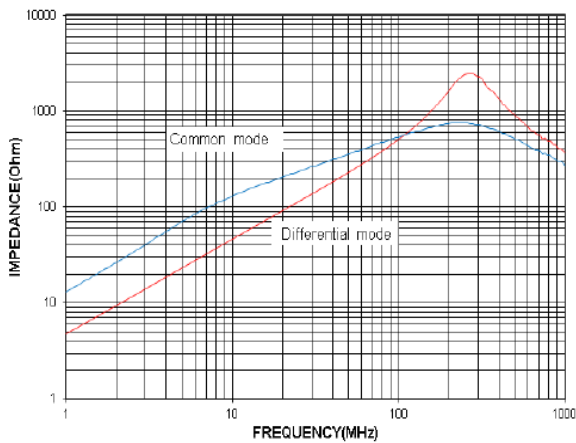
**ECTW76P2-101**



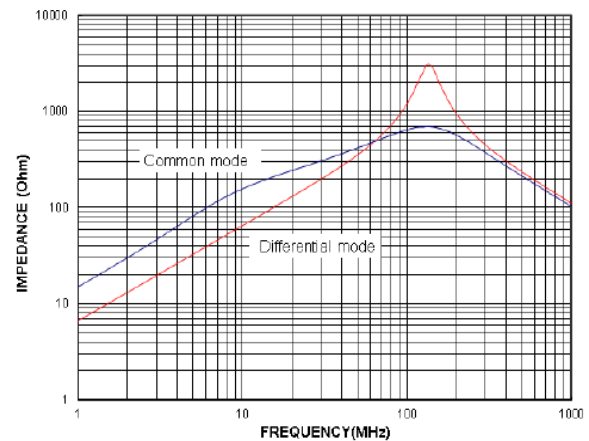
**ECTW76P2-301**



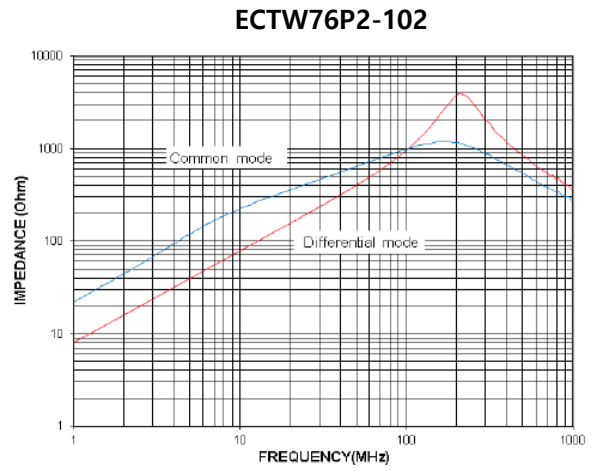
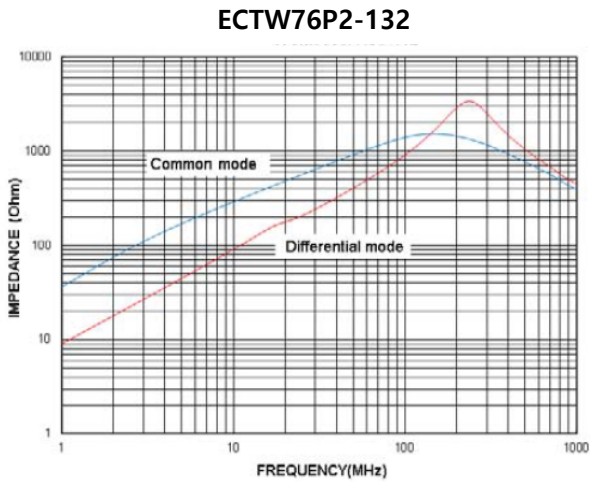
**ECTW76P2-501**



**ECTW76P2-701**



■ Typical Impedance v.s. Frequency Curve



■ Schematic Diagram

