

EMI SUPPRESSION FILTER / ATCM Series

● Features

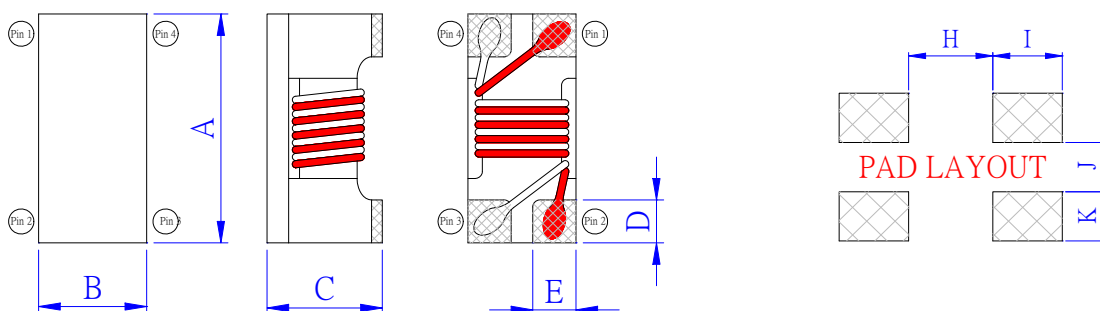
1. This common mode filter is characterized by its small sized
2. Highly effective in noise suppression. High common-mode impedance at noise band and low differential-mode impedance at signal band.
3. Due to the low differential-mode impedance with High coupling factor, there is almost no distortion on high speed signal.
4. This series is micro-produced by auto machines for its huge productivity and accuracy with all-day CCD inspection

● Applications

Used for noise suppression in any electronic devices such as personal computer and peripheral equipment (USB), amusement equipment (IEEE1394), LCD panels (LVDS) etc.



● Shape & Dimensions



TYPE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (Ref.)	I (Ref.)	J (Ref.)	K (Ref.)
ATCM2012	2.0 ± 0.2	1.2 ± 0.2	1.2 ± 0.2	0.45 Typ.	0.4 Typ.	0.8	0.9	0.4	0.4
ATCM3216	3.2 ± 0.2	1.6 ± 0.2	1.8 ± 0.2	0.45 Typ.	0.45 Typ.	1.6	1.1	0.4	0.6

■ PRODUCT IDENTIFICATION

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①		②		③		④		⑤
Product		Dimension		Type		Impedance(Ω)		Package
ATCM		2012		△△△: Type Code		900 90		T Taping reel
		3216				181 180		B Bulk
								Special product
								"A~"Z"

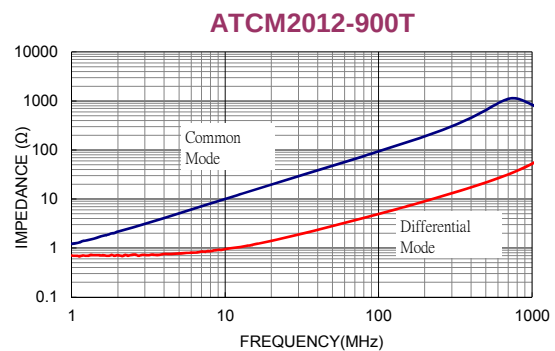
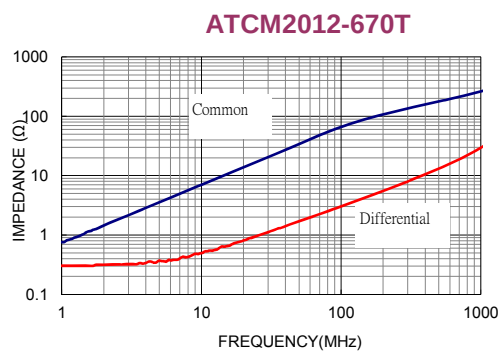
◆ ATCM Series Specification :

Part Number	Common-Mode Impedance (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA) Max.	Rated Voltage (V)	Withstanding Voltage (V)	Insulation Resistance (M Ω) Min.
ATCM2012-670T	67	100	0.25	400	50	125	10
ATCM2012-900T	90	100	0.35	400	50	125	10
ATCM2012-121T	120	100	0.30	370	50	125	10
ATCM2012-181T	180	100	0.35	330	50	125	10
ATCM2012-201T	200	100	0.35	330	50	125	10
ATCM2012-261T	260	100	0.40	300	50	125	10
ATCM2012-371T	370	100	0.40	280	50	125	10
ATCM3216-900T	90	100	0.30	370	50	125	10
ATCM3216-161T	160	100	0.40	340	50	125	10
ATCM3216-261T	260	100	0.50	310	50	125	10
ATCM3216-601T	600	100	0.80	260	50	125	10
ATCM3216-102T	1000	100	1.00	230	50	125	10
ATCM3216-222T	2200	100	1.20	200	50	125	10

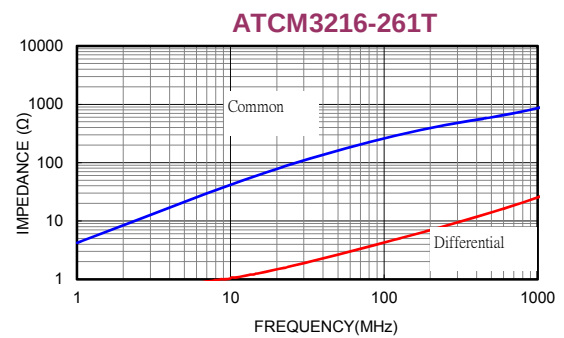
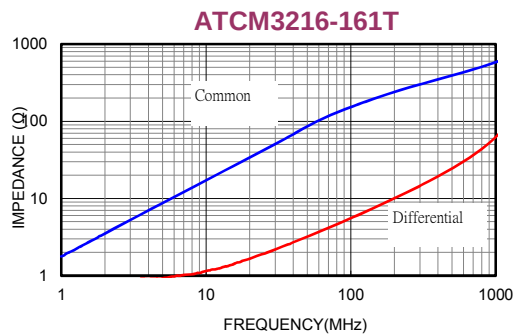
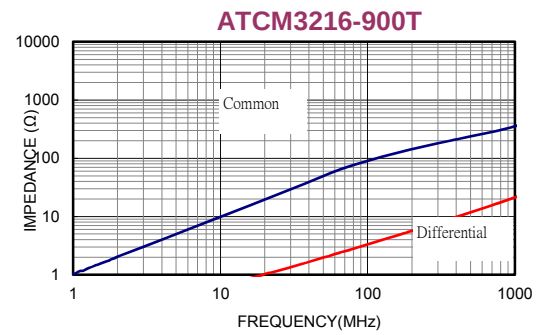
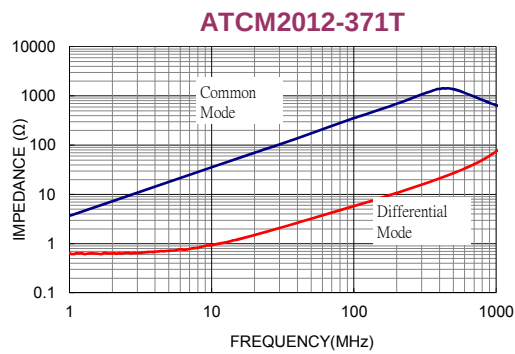
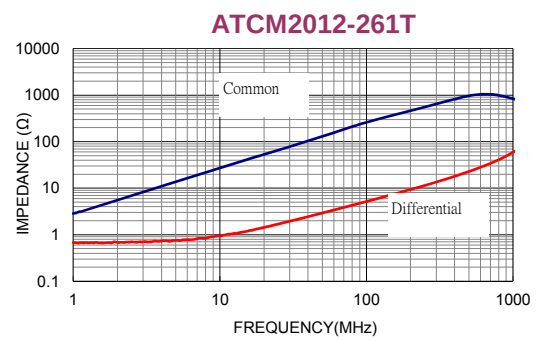
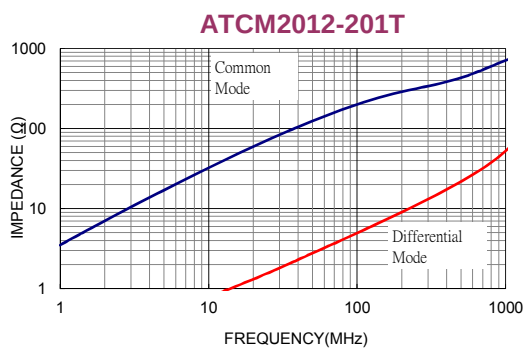
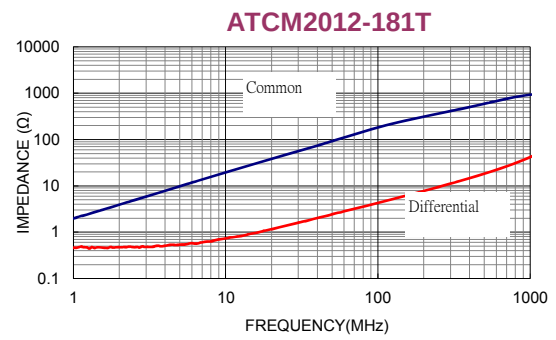
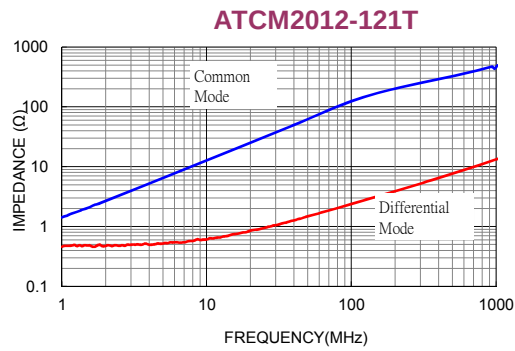
NOTE :

- * The operating temperature range is -40°C to $+85^{\circ}\text{C}$
- * Tolerance : $\pm 25\%$

■ Typical Impedance v.s. Frequency Curve



Typical Impedance v.s. Frequency Curve



■ Typical Impedance v.s. Frequency Curve

