

EMI SUPPRESSION FILTER



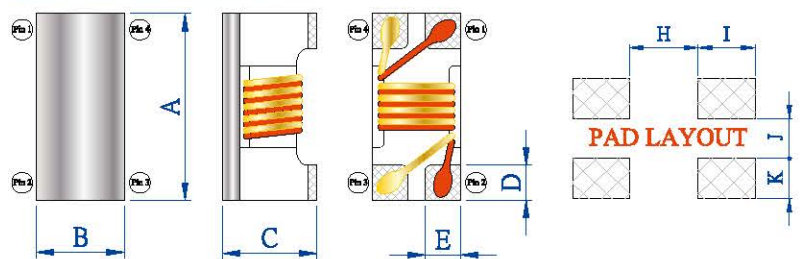
ATCM Series



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

Shape & Dimensions



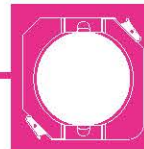
T TYPE	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	H (Ref.)	I (Ref.)	J (Ref.)	K (Ref.)
ATCM2012	2.0±0.2	1.2±0.2	1.2±0.2	0.45 Typ.	0.4 Typ.	0.8	0.9	0.4	0.4
ATCM3216	3.2±0.2	1.6±0.2	1.8±0.2	0.45 Typ.	0.45 Typ.	1.6	1.1	0.4	0.6

Applications

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

Product Identification

①	②	③	④	⑤	⑥
ATCM	2012△△	△△△	900	T	△
Product	Dimension	Type	Impedance (Ω)	Package	Special product
ATCM	2012 3216	△△△ Type Code	900 90 181 180	T Taping reel B Bulk	"A~"Z"



Specification

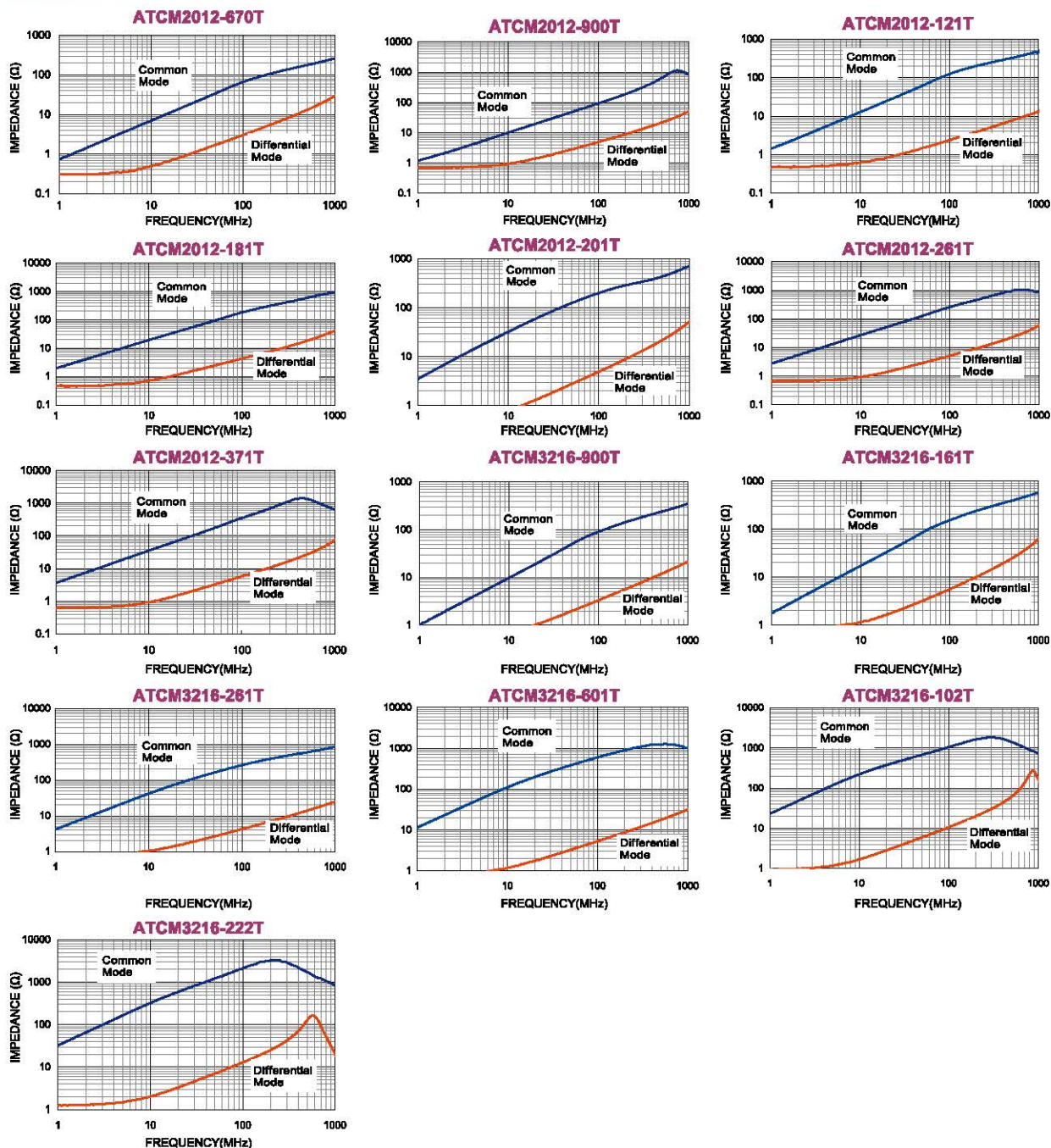
ATCM Series Specification							
Part Number	Common-Mode Impedance (Ω)	Test Freq. (MHz)	DCR Max. (Ω)	Rated Current (mA) Max.	Rated Voltage (V)	Withstanding Voltage (V)	Insulation Resistance (M Ω) Min.
ATCM2012-670T	67	100	0.25	400	50	125	10
ATCM2012-900T	90	100	0.35	400	50	125	10
ATCM2012-121T	120	100	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°C

● Tolerance: $\pm 25\%$

Typical Impedance v.s. Frequency Curve



SMD POWER
INDUCTORS

HIGH CURRENT
POWER INDUCTORS

DIP INDUCTORS

SMD CHIP
INDUCTORS

EMI SUPPRESSION
FILTER