

ADB Technology Co., Ltd.

Wire Wound Common Mode Choke / CMC

Feature

High common mode impedance at high frequency effects excellent noise suppression performance. CCM-series realizes small size and low profile. The products contain no lead and also support lead-free soldering.

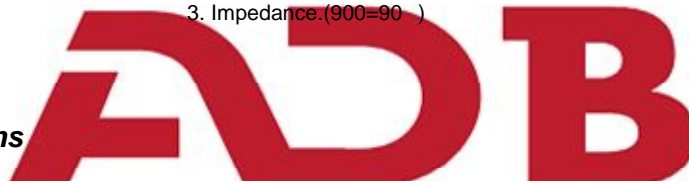
Application

Common mode noise suppression of signal lines in high speed and high density digital equipment such as personal computers and peripherals.

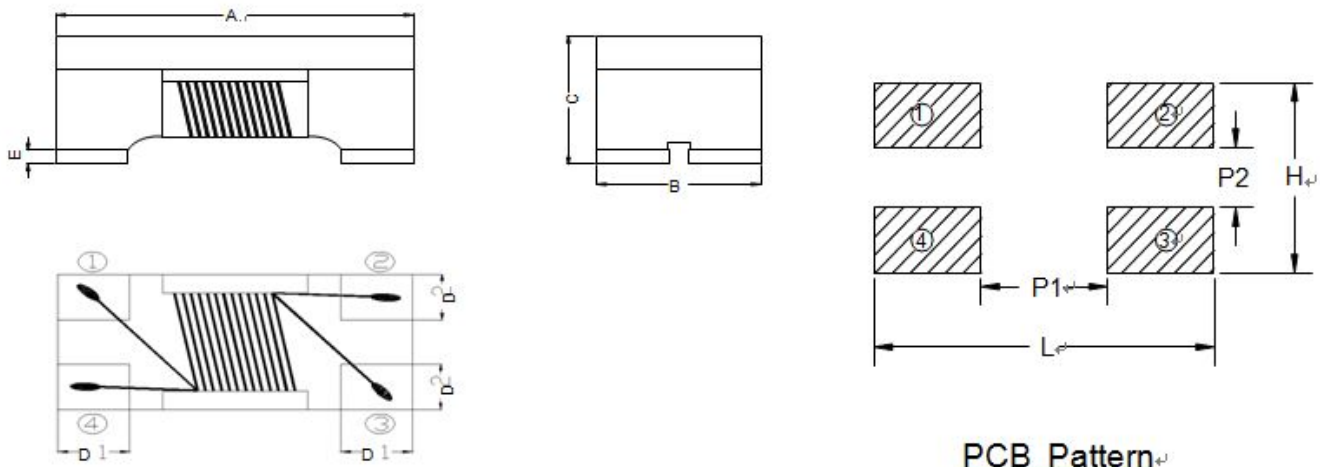
Product Identification

CMC **2012** **900**
1 **2** **3**

1. Series name.
2. Dimension.
3. Impedance.(900=90)



Configurations & Dimensions



PCB Pattern

Series Name	A	B	C	D1	D2	E	L	H	P1	P2
CMC 2012	2.4(MAX)	1.6(MAX)	1.2(MAX)	0.45(REF)	0.4(REF)	0.15(REF)	2.6(REF)	1.2(REF)	1.0(REF)	0.4(REF)
CMC 2012F	2.0 ±0.2	1.2 ±0.2	1.2 ±0.2	0.45(REF)	0.4(REF)	0.15(REF)	2.6(REF)	1.2(REF)	1.0(REF)	0.4(REF)
CMC 3216F	3.2 ±0.2	1.6 ±0.2	1.8 ±0.2	0.6(REF)	0.6(REF)	0.17(REF)	3.7(REF)	1.6(REF)	1.6(REF)	0.4(REF)

Unit: mm

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Electrical Characteristics

CMC 2012 Series						
Part Number	Common mode Impedance ()	Resistanc Rdc (m)	Rated Current (mA)	Rated Voltage	Withstanding Voltage	Insulation Resistance ()
	100MHz	Max	Max	Vdc(V)	Vdc (V)	Min
CMC 2012-670	67±25%	350	330	50	125	10M
CMC 2012-900	90±25%	350	330	50	125	10M
CMC 2012-121	120±25%	450	280	50	125	10M
CMC 2012-181	180±25%	500	250	50	125	10M
CMC 2012F Series						
Part Number	Common mode Impedance ()	Resistanc Rdc (m)	Rated Current (mA)	Rated Voltage	Withstanding Voltage	Insulation Resistance ()
	100MHz	Max	Max	Vdc(V)	Vdc (V)	Min
CMC 2012F-670	67±25%	250	400	50	125	10M
CMC 2012F-900	90±25%	350	330	50	125	10M
CMC 2012F-121	120±25%	300	370	50	125	10M
CMC 2012F-181	180±25%	350	330	50	125	10M
CMC 2012F-201	200±25%	350	330	50	125	10M
CMC 2012F-261	260±25%	400	300	50	125	10M
CMC 2012F-371	370±25%	400	280	50	125	10M
CMC 3216F Series						
Part Number	Common mode Impedance ()	Resistanc Rdc (m)	Rated Current (mA)	Rated Voltage	Withstanding Voltage	Insulation Resistance ()
	100MHz	Max	Max	Vdc(V)	Vdc (V)	Min
CMC 3216F-900	90±25%	300	370	50	125	10M
CMC 3216F-161	160±25%	400	340	50	125	10M
CMC 3216F-261	260±25%	500	310	50	125	10M
CMC 3216F-601	600±25%	800	260	50	125	10M
CMC 3216F-102	1000±25%	1000	230	50	125	10M
CMC 3216F-222	2200±25%	1200	200	50	125	10M