ABC COIL ELEKTRONIK

Skype : abccoil
Enquiry : enquiry@abccoil.com
Web site : www.abccoil.com

Multilayer Chip Common Mode Choke Coil

Features

- Multilayer monolithic construction yields high reliability and low profile
- Has high common mode impedance at high frequency

Application

- Main board of personal computers, notebooks
- Printers, Scanners
- LCD monitors

Product Identification

AGMC	2012	M	900	T	-	2
①	②	③	④	⑤		⑥

① Series name

② Dimension L×W:【2012= 2.0mm×1.2mm】

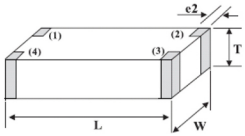
③ Material code:

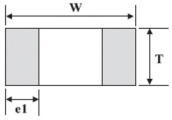
④ Impedance 【900=90Ω 101=100Ω 102=1000Ω】

⑤ Packing Style【T: Taping B: Bulk 】

⑥ Number of signal lines

Shapes and Dimensions





Type	Dimensions (mm) [inch]				
	L	W	T	e1	e2
1210	1.25±0.10	1.00±0.10	0.60±0.15	0.30±0.10	0.20±0.10
[0504]	[0.049±0.004]	[0.039±0.004]	[0.024±0.006]	[0.012±0.004]	[0.008±0.004]
2012	2.00±0.2	1.25±0.20	0.85±0.20	0.30±0.10	0.30±0.10
[0805]	[0.079±0.008]	[0.049±0.008]	[0.033±0.008]	[0.012±0.004]	[0.012±0.004]
3216	3.20±0.20	1.60±0.20	1.15±0.20	0.40±0.20	0.30±0.20
[1206]	[0.126±0.008]	[0.063±0.008]	[0.045±0.008]	[0.016±0.008]	[0.012±0.008]

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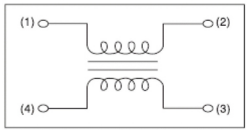
Electrical Characteristics

Part No.	Common Mode Impedance (Ω) At 100MHz	IR (mA) /max.	RDC (Ω)/max.	Rated Voltage(V) /max.	Withstand voltage(V)	Insulation Resistance (MΩ)/min
AGMC1210M600-2	60	180	1.5	10	20	10
AGMC1210M900-2	90	160	1.75	10	20	10
AGMC1210M121-2	120	140	2.2	10	20	10
AGMC1210M201-2	200	130	2.7	10	20	10
AGMC2012M900-2	90	100	1.0	16	40	20
AGMC2012M121-2	120	100	1.3	16	40	20
AGMC2012M301-2	300	100	2.0	16	40	20
AGMC2012M601-2	600	100	2.5	16	40	20
AGMC3216M900-2	90	100	1.0	16	40	20
AGMC3216M121-2	120	100	2.0	16	40	20
AGMC3216M221-2	220	100	2.5	16	40	20
AGMC3216M601-2	600	100	3.0	16	40	20

Inner Equivalent Circuit



Characteristic Curve