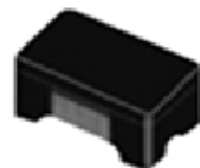




绕线片式共模扼流器—CM 系列

Wire Wound Chip Common Mode Choke Coil - CM
Operating Temp. : -40°C ~ +85°C



特征

- 绕线结构，小尺寸
- 对高频共模噪声有良好的抑制作用
- 对不同的噪声水平和信号频率，有 67Ω~2200Ω 可供选择
- 良好的耐焊性能

FEATURES

- Winding type realizes small size and low profile
- Prevention of common mode noise at high Frequency
- 67Ω~2200Ω are optional for different noise level and signal frequency
- Excellent soldering heat resistance

用途

- PC 机及周边设备、数字 AV 等其他设备的 USB2.0 接口
- 笔记本电脑、LCD 的 LVDS 线
- 音频线路

APPLICATIONS

- USB2.0 of PC, peripheral equipments, small digital AV equipments, etc.
- LVDS lines of Note PC, LCD
- Audio lines

产品型号

PRODUCT IDENTIFICATION

CM

①

2012

②

-2

③

-900

④

T

⑤

F

⑥

① 分类 Type	
CM	绕线片式共模扼流器 Winding Type Common Mode Choke Coil

② 外形尺寸 (L*W) (mm) External Dimensions (L*W) (mm)	
2012 [0805]	2.0*1.2
3216 [1206]	3.2*1.6

③ 引脚数 Number of Lines	
2	

④ 阻抗 Impedance	
Example	Nominal Value
900	90Ω

⑤ 包装 Packing	
T	编带 Tape & Reel

⑥ 无有害物质产品 Hazardous Substance Free Products	
F	



外观尺寸

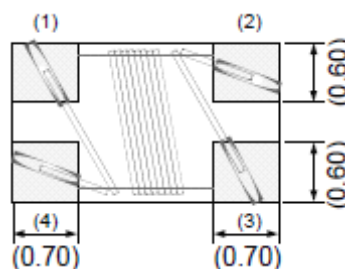
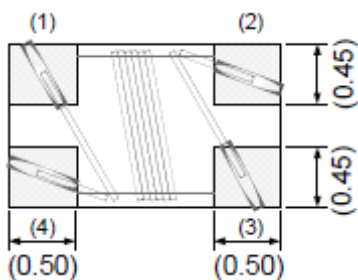
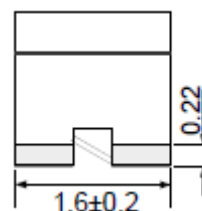
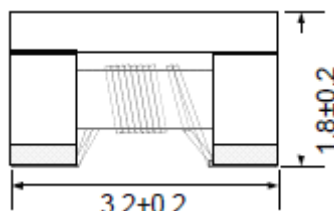
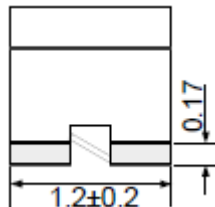
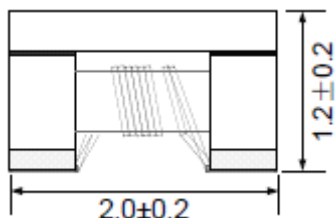
SHAPE AND DIMENSIONS

CM-C-2012 Type

Unit: mm

CM3216 Type

Unit: mm



规格特性

SPECIFICATIONS

CM2012 TYPE

Part Number 型号	ICommon Mode Impedance @100MHz 共模阻抗	Max. DC Resistance 直流电阻	Max. Rate d Current 额定电流	Rated Voltage 额定电压	Min. Insulation Resistance 绝缘电阻
Units 单位	Ω	Ω	mA	Volts	MΩ
Symbol 符号	Z	DCR	I _r	V _{bc}	IR
CM2012-2-300TF	30+25%	0.20	450	50	10
CM2012-2-670TF	67+25%	0.25	400	50	10
CM2012-2-900TF	90+25%	0.35	330	50	10
CM2012-2-121TF	120+25%	0.30	370	50	10
CM2012-2-181TF	180+25%	0.35	330	50	10
CM2012-2-201TF	200+25%	0.40	300	50	10
CM2012-2-221TF	220+25%	0.40	300	50	10
CM2012-2-261TF	260+25%	0.40	300	50	10
CM2012-2-371TF	370+25%	0.40	280	50	10

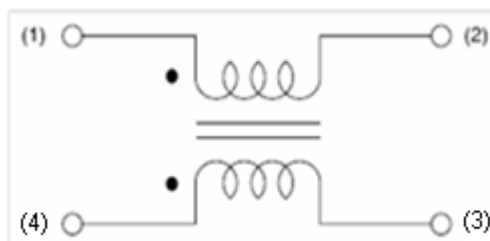


CM3216 TYPE

Part Number 型号	ICommon Mode Impedance @100MHz 共模阻抗	Max. DC Resistance 直流电阻	Max. Rate d Current 额定电流	Rated Voltage 额定电压	Min. Insulation Resistance 绝缘电阻
Units 单位	Ω	Ω	mA	Volts	M Ω
Symbol 符号	Z	DCR	I _r	V _{DC}	IR
CM3216-2-900TF	90+25%	0.3	370	50	10
CM3216-2-161TF	160+25%	0.4	340	50	10
CM3216-2-261TF	260+25%	0.5	310	50	10
CM3216-2-601TF	600+25%	0.8	260	50	10
CM3216-2-102TF	1000+25%	1.0	230	50	10
CM3216-2-222TF	2200+25%	1.2	200	50	10

等效电路

EQUIVALENT CIRCUIT

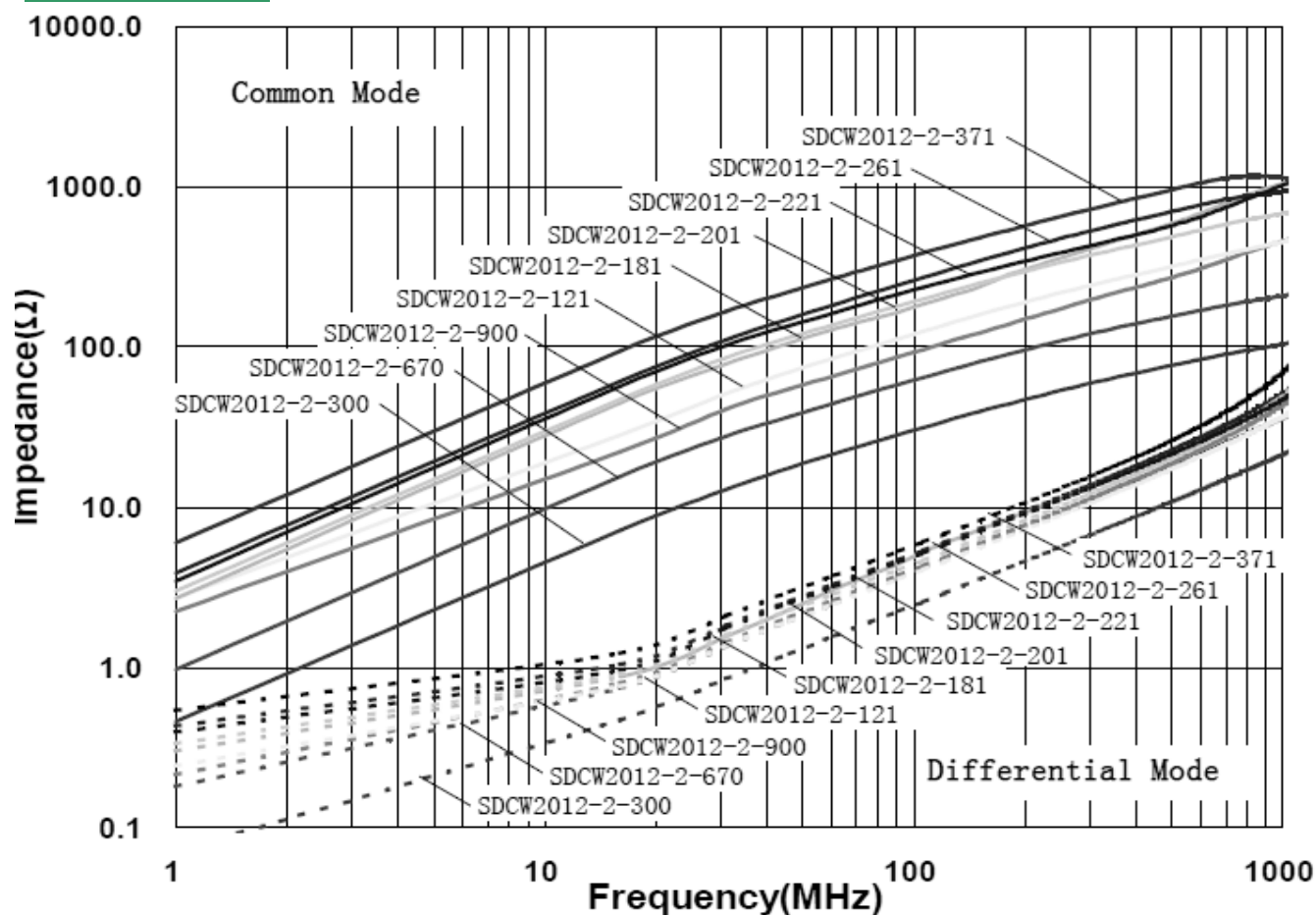


电气特性

TYPICAL ELECTRICAL CHARACTERISTICS



CM2012 TYPE



CM3216 TYPE

