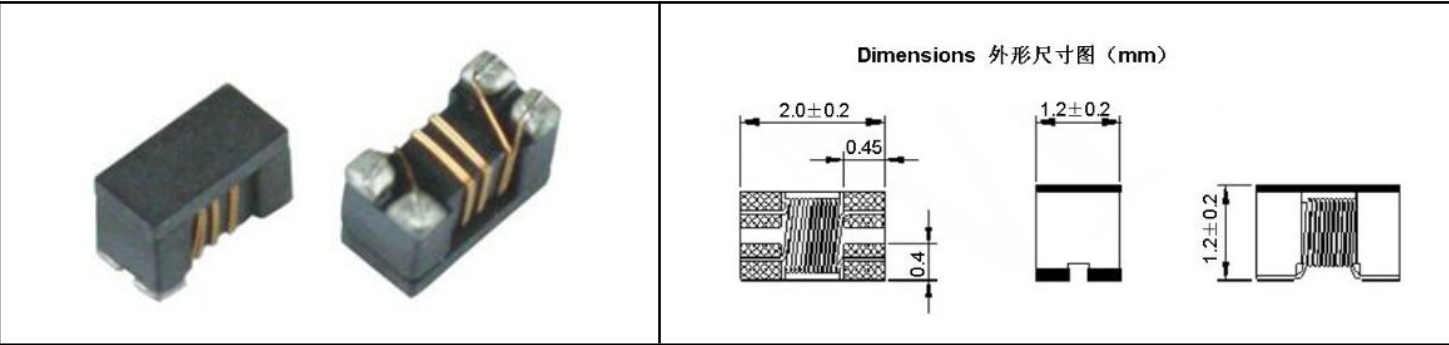


CMC SERIES



型号 Type	阻抗范围 Impedance Range	使用温度 Temperature Range
CMC2012	67~370Ω	-30~100℃
CMC3216	90~2200Ω	-30~100℃
CMC3225	80~1000Ω	-30~100℃

特性及应用 FEATURES/APPLICATIONS

- 陶瓷材料，具有自谐振频率和高 Q 值。
  - 使用载带包装运用于 SMT。
  - 适用于电脑及其外设、数字 AV 等其他设备 USB 接口，笔记本电脑、LCD 的 LVDS 线等共模噪音控制。
  - 在高频的共模阻抗具有良好的噪讯抑制。
  - CMC Series 具小体积及扁薄外观。
  - 产品无铅适合无铅焊锡。
- Ceramic material has self resonant frequency and high Q value.
  - The use of packaging tape used in SMT.
  - Suitable for computers and peripherals, digital AV and other USB device interface, notebook PC, LCD of LVDS lines and other common mode noise control.
  - Has a good noise suppression in high frequency common mode impedance.
  - CMC Series with small volume and flat appearance.
  - Lead free product suitable for lead-free solder.

RoHS Compliant(SGS Certified Result) 本产品满足环境保护要求（有害物质限定）					
Pb 铅	Cd 镉	Hg 汞	六价铬 Cr <sup>+6</sup>	多溴联苯 PBBs	多溴联苯醚 PBDEs
<1000ppm	Nd	Nd	Nd	Nd	Nd

- (1) 电感值测试仪：HP4284A（Agilent）/3532-50(HIOKI)或同等 LCR Meter。测试频率 100KHZ。

(2) 直流电阻测试仪：TH2512B 或等同的 DCR 测试设备。

(3) 最大容许电流测试：TH2817&TH1775;最大容许电流定义：电感下降 25%或温度上升 40℃时取其小值作为最大容许电流。（周围环境温度 20℃）
- (1) inductance tester: HP4284A (Agilent) /3532-50 (HIOKI LCR Meter) or equivalent. The test frequency of 100KHZ.

(2) DC resistance tester: DCR test equipment TH2512B or equivalent.

(3) maximum allowable current test: TH2817&TH1775; maximum permissible current definition: inductance decreases 25% or temperature rise to 40 DEG C from the small value as the maximum allowable current. (ambient temperature of 20 DEG C)

电气性能 Electrical Characteristics CMC2012 Series

Model No	Z(±25%) Ω	DCR(max) Ω	IDC(max0 mA	Rated Vol V	Insulation R (min)MΩ
CMC2012-670	67	0.25	400	50	10
CMC2012-900	90	0.35	400	50	10
CMC2012-121	120	0.35	400	50	10
CMC2012-161	160	0.35	350	50	10
CMC2012-181	180	0.35	330	50	10
CMC2012-221	220	0.38	300	50	10
CMC2012-261	260	0.40	300	50	10
CMC2012-371	370	0.40	280	50	10

## 电气性能 Electrical Characteristics CMC3216 Series

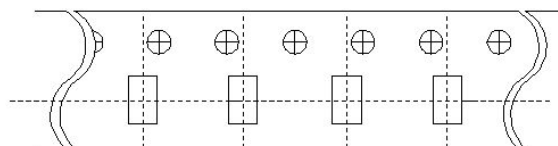
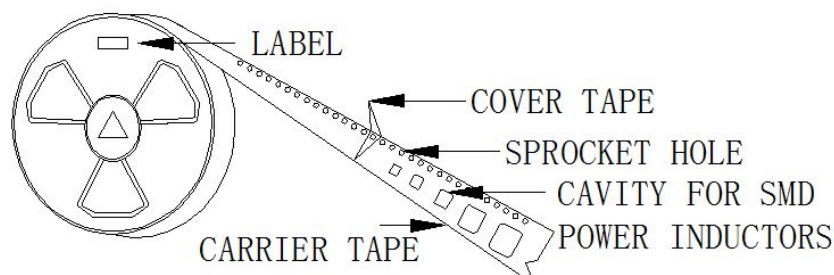
Model No	Z( $\pm 25\%$ ) $\Omega$	DCR(max) $\Omega$	IDC(max) 0 mA	Rated Vol V	Insulation R (min)M $\Omega$
CMC3216-900	90	0.25	400	50	10
CMC3216-161	160	0.35	350	50	10
CMC3216-221	220	0.35	310	50	10
CMC3216-261	260	0.35	310	50	10
CMC3216-601	600	0.35	260	50	10
CMC3216-102	1000	0.38	230	50	10
CMC3216-222	2200	0.40	200	50	10

## 电气性能 Electrical Characteristics CMC3225 Series

Model No	Z( $\pm 25\%$ ) $\Omega$	DCR(max) $\Omega$	IDC(max) 0 mA	Rated Vol V	Insulation R (min)M $\Omega$
CMC3225-800	80	0.15	400	50	10
CMC3225-161	160	0.20	350	50	10
CMC3225-221	220	0.30	300	50	10
CMC3225-261	260	0.50	200	50	10

## 包装方式

## Packing



## ■ 记事 Notes

- 电感值测试仪: HP4286A/CH1062A 或等同 LCR Meter。  
Inductance instrument: HP4286A/CH1062A or LCR Meter equivalent.
- 电感测试条件: 100KHz/1KHz。  
Inductance testing condition: 100KHz/1KHz.
- 电阻测试仪: TH2512B 或等同的 DCR 测试设备。  
DCR instrument: TH2512B or DCR test equipment equivalent.
- 额定电流测试: VR7210&VR113H。  
Rated Current test: VR7210&VR113H.
- 额定电流定义: 电感下降 20%或温度上升 40℃时取其最小值作为额定电流。  
Rated Current definition: Inductance drop by 20% or temperature rise by 40℃, the lesser of the minimum as the rated current.
- 贮藏温度: -40℃~+80℃; 相对湿度: RH65%~85%。  
Temperature storage range: -40℃~+80℃; the relative humidity: RH65%~85%.

\*产品说明书内的规格和参数仅供参考, 可能不包含最新的产品信息, 本产品规格若有更改, 恕不事先通知。在您订购前, 请向本公司索要相关技术资料, 如您需要了解最新的产品信息, 请登录本公司网站或来电咨询。

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