

LC复合EMI滤波器LCA10、LCA20系列

CHIP TYPE LC EMI FILTER LCA10,LCA20 SERIES

LC复合EMI滤波器LCA系列是在1608和2125尺寸中组合了L(电感器)和C(电容器)的高性能三端子表面贴装元件。采用本公司独有的小型、高性能化技术,与以往产品相比,衰减系数更大、除噪频带更宽,特别适用于高频、高速信号线的降噪。

The LC EMI filter, LCA series, is an extremely efficient EMI filter with monolithic construction of inductor and capacitor elements, suitable for noise reduction on high frequency single line, due to steep and wide band insertion loss characteristics.

■特点

- 超小型、薄型。
- 急剧的插入损失特性。
- 适用于宽频带的降噪。
- 无方向极性,使用方便。

■Features

- Ultra miniature and low profile type
- Steep insertion loss characteristics
- Removes noise over a wide range
- Easy to place since there is no polarity

■用途

- 电视机、录像机、DVD等数字影像设备
- 传真机、调制解调器、ADSL终端等信息通信设备
- 复印机、个人电脑、游戏机等数字设备
- 其它各种电子设备的降噪

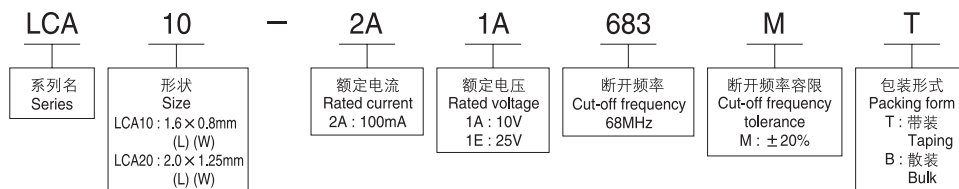
■Applications

- For digital AV equipment such as TV, VCR and DVD.
- For telecommunication equipment such as Fax, modem and ADSL.
- For computer equipment such as personal computers and copier.
- For noise countermeasure of other digital circuit equipment.

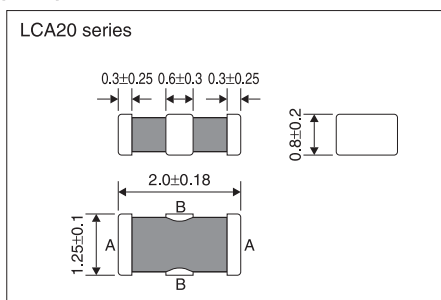
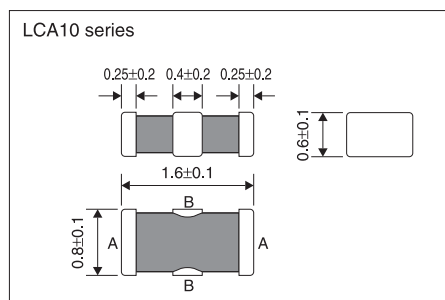
新产品



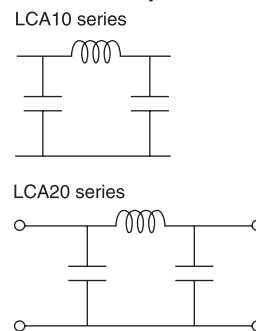
■型号构成 Part number system



■形状及尺寸 (mm) Dimensions (mm)



■等效电路 Equivalent circuits



■型号一览表 Part number list

型号 Part number	断开频率 Cut-off frequency	断开频率容限 Cut-off frequency tolerance	额定电压 Rated voltage	额定电流 Rated current	绝缘阻抗 Insulation Resistance	静电容量 Capacitance (参考值Reference)	使用温度范围 Operating Temp. range
LCA10-2A1A683M□	68MHz	±20%	10V	100mA	10MΩmin.	55pF	-40°C ~ +85°C
LCA10-2A1A104M□	100MHz					50pF	
LCA10-2A1A134M□	130MHz					50pF	
LCA20-2A1E473M□	47MHz		25V			115pF	
LCA20-2A1E683M□	68MHz					58pF	
LCA20-2A1E104M□	100MHz					58pF	
LCA20-2A1E224M□	220MHz			32pF			

□: T为带装, B为散装
□: "T" stands for taping package and "B" stands for bulk package.

■插入损失特性(参考) Insertion loss (Reference)

