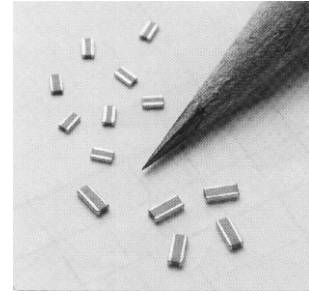




低感抗片式多层片状陶电容器 LOW INDUCTANCE MLCC



低感抗片式多层电容器通过改变与端头结合部分的长宽比，做成短而宽的产品，提高电极的导电率和导电面积，降低ESR和ESL，减少电流变化和电压下降引起的噪声干扰，改善电容器的性能。从而使系统达到低功耗、高效率、高速运行的目的。

Low Inductance MLCC is specially designed for lower inductance the aspect ratio of the termination in conjunction with improved conductivity of the electrodes. This inherent low ESL and ESR design improves the capacitor circuit performance by lowering the current change noise pulse and voltage drop. The system will benefit by lower power consumption, increased efficiency and higher operating speeds.

● 特性：

- * 更低ESL
- * 更低ESR
- * 自谐振频率高
- * 体积小

● 应用：

- * 高速微处理器
- * 多芯片模块(MCM)中交流噪声的抑制
- * 高速数字设备

● FEATURES：

- * Lower ESL
- * Lower ESR
- * High Resonant Frequency
- * Small Size

● APPLICATIONS：

- * High Speed Microprocessors
- * AC Noise Reduction in multi-chip(MCM)
- * High Speed digital equipment

● 尺寸、工作电压及容量范围

DIMENSIONS, CAPACITANCE AND RANGE & OPERATING VOLTAGE

尺寸规格 Size Code	尺寸Dimensions(mm)				材料 Dielectric	工作电压 Rated Voltage	容量范围 Capacitance(pF)					
	L	W	T _{Max}	ME _{Max}								
0508	1.27 ± 0.25	2.03 ± 0.25	1.27	0.25 ± 0.13	NPO.	16	150 ~ 2,200					
						25	150 ~ 2,200					
						50	150 ~ 1,000					
					X7R	16	1,000 ~ 100,000					
						25	1,000 ~ 100,000					
						50	1,000 ~ 47,000					
					Y5V	16	10,000 ~ 470,000					
						25	10,000 ~ 470,000					
						50	10,000 ~ 330,000					
					0612	1.57 ± 0.25	3.17 ± 0.25	1.52	0.25 ± 0.13	NPO	25	150 ~ 3,300
											50	150 ~ 3,300
											16	150 ~ 2,200
X7R	25	1,000 ~ 220,000										
	50	1,000 ~ 220,000										
	16	1,000 ~ 100,000										
Y5V	25	10,000 ~ 1,000,000										
	50	10,000 ~ 1,000,000										
		10,000 ~ 470,000										

备注：型号规格可根据用户的具体要求设计

Note: We can design the size according to customer requirements.