

Chip Varistor 晶片變阻元件

Features 特色

MLVS are used to solve the transient overvoltage problems arising from ElectroStatic Discharge (ESD), Electrical Fast Transient (EFT), arcing and inductive loading switch.

多層晶片變阻元件可用於解決靜電放電、暫態電壓波動、弧光或是感應負載開關等所引發之瞬間過電壓問題。

Application Field 應用領域

Cellular/Cordless phone, LCD display, programming port, charger, speaker & microphone, ASIC protection, laser diode protection, FETs protection, phone line, data line connection, line card, fax machine, personal computer, hard disc drive, Vcc protection, modem, note book computer, audio card, keyboard, I/O ports, PCMCIA cards, security system, sensor protection, microprocessor reset & I/O protection, CATV, LNA FETs protection, logic box protection, portable equipment, cassette player, CD player, MD player, digital camera, PDAs.

行動 / 無線電話、LCD顯示器、程式連接埠、充電器、擴音器、ASIC防護、雷射二極體、場射電晶體防護、電話線、訊號線連接、線路卡、傳真機、個人電腦、筆記型電腦、硬碟驅動機、Vcc保護、數據機、語音卡、鍵盤、I/O連接埠、PCMCIA卡、保全系統、感測器保護、微處理器復歸與I/O保護、有線電視、LNA FETs防護、邏輯盒保護、可攜式設備、卡式播放機、CD播放機、MD播放機、數位相機、個人資料助理器。



Series	Size				Working Voltage	Breakdown Voltage	Clamping Voltage	Surge Current max.	Surge Energy max.
產品系列	尺寸				工作電壓(V)	崩潰電壓(V)	箝制電壓(V)	最大耐突波電流(A)	最大耐突波能量(J)
CL0402	1.0(L)* 0.04(l)*	0.5(W)* 0.02(W)*	0.5(T) 0.02(T)	mm/ inch	5.6-18	8.5-25.5	16-40	20	0.05
CL0603	1.6(L)* 0.06(l)*	0.8(W)* 0.03(W)*	0.8(T) 0.03(T)	mm/ inch	3.3-30	5.0-41.5	10-65	30	0.1
CL0805	2.0(L)* 0.08(l)*	1.25(W)* 0.05(W)*	1.3max(T) 0.051max(T)	mm/ inch	3.3-30	5.0-41.5	10-65	30-120	0.1-0.3
CL1206	3.2(L)* 0.126(l)*	1.6(W)* 0.06(W)*	1.7max(T) 0.067max(T)	mm/ inch	3.3-48	5.0-62.0	10-100	30-150	0.1-0.4
CL1210	3.2(L)* 0.126(l)*	2.5(W)* 0.098(W)*	1.7max(T) 0.067max(T)	mm/ inch	26-48	33.0-62.0	56-100	220-300	0.9-1.2

High Speed Chip Varistor 高速傳輸晶片變阻元件



Series	Size	Working Voltage max.	Clamping Voltage max.	Surge Current max.	Surge Energy max.
產品系列	尺寸	最大工作電壓(V)	最大箝制電壓(V)	最大耐突波電流(A)	最大耐突波能量(J)
CV0402	1.0(L)* 0.5(W)* 0.5(T) 0.04(L)* 0.02(W)* 0.02(T) mm/ inch	18	50	15	0.02
CV0603	1.6(L)* 0.8(W)* 0.8(T) 0.06(L)* 0.03(W)* 0.03(T) mm/ inch	18	50	20	0.05
CV0805	2.0(L)* 1.25(W)* 1.3max(T) 0.08(L)* 0.05(W)* 0.051max(T) mm/ inch	18	50	30	0.1
CV1206	3.2(L)* 1.6(W)* 1.7max(T) 0.126(L)* 0.06(W)* 0.067max(T) mm/ inch	18	50	30	0.1