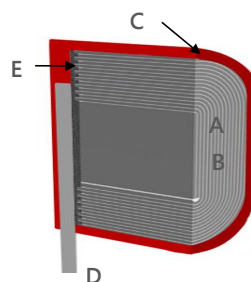


MEM (CL21X) series 小型化金屬化聚酯膜電容器

Miniaturized Metallized Polyester Film Capacitor



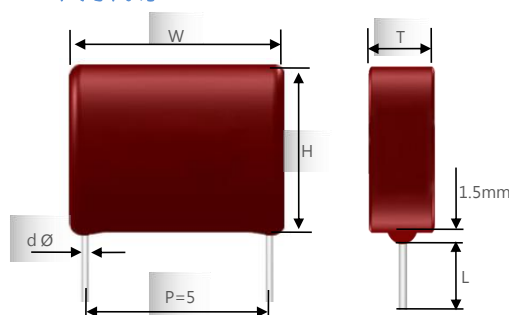
■結構圖 Construction



- A 介質: 聚酯膜
Dielectric: Polyester Film
- B 電極: 金屬蒸鍍層
Electrodes: Metal Vapor Coating
- C 封裝: 阻燃環氧樹脂(UL94V-0)
Epoxy Resin Coating(UL94V-0)
- D 導線: 鍍錫銅包鋼線
Lead: Tinned Copper Clad Steel Wire
- E 噴焊層
Spray Layers



■尺寸代碼 Dimensions Code



■特性 | Feature

金屬化聚酯膜, 無感捲繞結構
抗脈衝能力佳
容量範圍寬、體積小、重量輕、壽命長、自愈性好
阻燃性環氧粉末包封、安全性好、外觀一致性好

Metallized polyester film, non-inductive wound construction
High dv/dt ability
Wide capacitance range, small size, and light weight, long life due to self-healing effect
Flame retardation epoxy resin powder coating provides safety, the identical outer appearance

■推薦應用領域 | Typical Application

隔直流、旁路和耦合(去耦)
廣泛用於濾波, 低脈衝線路
用於開關電源、電子鎮流器和變頻器中間電路直流濾波

Suitable for blocking, by-pass, coupling, and decoupling
Widely used in filter and low pulse circuits
As intermediate circuit capacitors for SMPS, Electronic Ballast Inverter

技術要求參照標準 Specification Reference Standard	GB/T 7332 (IEC 60384-2)
氣候類別 Climatic Category	55/105/21
工作溫度範圍 Operation Temperature Range	-55°C~105°C (+85°C~+105°C : decreasing factor 1.25% per°C for U_R)
額定電壓 Rated Voltage	63 / 100 / 250 VDC
電容量範圍 Capacitance Range	0.001 μ F~1 μ F
電容量偏差 Capacitance Tolerance	$\pm 5\%$ (J) 、 $\pm 10\%$ (K)
耐電壓 Voltage Proof	1.5 U_R , 5sec
絕緣電阻 Insulation Resistance	CR \leq 0.33 μ F, IR \geq 15000M Ω ; CR>0.33 μ F, IR \geq 5000 M Ω /CAP(μ F)
損耗角正切 Dissipation Factor	1% Max , at 1KHz and 20°C

MEM (CL21X) series 小型化金屬化聚乙酯膜電容器

Miniaturized Metallized Polyester Film Capacitor



■外型尺寸 Dimensions (mm)

63/100VDC (63VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.001	7.3	7.5	4.5	5	0.5	MEM102#2A-05***+++
0.0015	7.3	7.5	4.5	5	0.5	MEM152#2A-05***+++
0.0022	7.3	7.5	4.5	5	0.5	MEM222#2A-05***+++
0.0033	7.3	7.5	4.5	5	0.5	MEM332#2A-05***+++
0.0047	7.3	7.5	4.5	5	0.5	MEM472#2A-05***+++
0.0068	7.3	7.5	4.5	5	0.5	MEM682#2A-05***+++
0.0082	7.3	7.5	4.5	5	0.5	MEM822#2A-05***+++
0.01	7.3	7.5	4.5	5	0.5	MEM103#2A-05***+++
0.015	7.3	8	5	5	0.5	MEM153#2A-05***+++
0.022	7.3	8	5	5	0.5	MEM223#2A-05***+++
0.033	7.3	8	4.5	5	0.5	MEM333#2A-05***+++
0.047	7.3	7.5	4.5	5	0.5	MEM473#2A-05***+++
0.068	7.3	7.5	4.5	5	0.5	MEM683#2A-05***+++
0.082	7.3	8	5	5	0.5	MEM823#2A-05***+++
0.1	7.3	8.5	5.5	5	0.5	MEM104#2A-05***+++
0.15	7.3	9	5.5	5	0.5	MEM154#2A-05***+++
0.22	7.3	9	5.5	5	0.5	MEM224#2A-05***+++
0.33	7.3	9	5.5	5	0.5	MEM334#2A-05***+++
0.39	7.3	9	5.5	5	0.5	MEM394#2A-05***+++
0.47	7.3	9.5	6	5	0.5	MEM474#2A-05***+++
0.68	7.3	10	6.5	5	0.5	MEM684#2A-05***+++
0.82	7.3	11	7	5	0.5	MEM824#2A-05***+++
1	7.3	12	7.5	5	0.5	MEM105#2A-05***+++

250VDC (140VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.001	7.3	7.5	4.5	5	0.5	MEM102#2E-05***+++
0.0015	7.3	7.5	4.5	5	0.5	MEM152#2E-05***+++
0.0022	7.3	7.5	4.5	5	0.5	MEM222#2E-05***+++
0.0033	7.3	7.5	4.5	5	0.5	MEM332#2E-05***+++
0.0047	7.3	7.5	4.5	5	0.5	MEM472#2E-05***+++
0.0068	7.3	7.5	4.5	5	0.5	MEM682#2E-05***+++
0.0082	7.3	7.5	4.5	5	0.5	MEM822#2E-05***+++
0.01	7.3	7.5	4.5	5	0.5	MEM103#2E-05***+++
0.015	7.3	8	5	5	0.5	MEM153#2E-05***+++
0.022	7.3	8	5	5	0.5	MEM223#2E-05***+++
0.033	7.3	8	4.5	5	0.5	MEM333#2E-05***+++
0.047	7.3	8	4.5	5	0.5	MEM473#2E-05***+++
0.068	7.3	8.5	5	5	0.5	MEM683#2E-05***+++
0.082	7.3	9	6	5	0.5	MEM823#2E-05***+++
0.1	7.3	9.5	6.5	5	0.5	MEM104#2E-05***+++
0.15	7.3	10	7	5	0.5	MEM154#2E-05***+++
0.22	7.3	10.5	7	5	0.5	MEM224#2E-05***+++

注:# 表容量偏差 ; - 表引線型式 ; *** 表引線長度及包裝方式 ; +++表內部管理碼

Note: # Capacitance tolerance code ; - Forming lead shapes ; *** Lead length and packaging ; +++ Internal use

注:本公司更改設計規格不予事先通知, 以上數據僅作選型參考, 以實際規格書為準

Note: Design, specifications are subject to change without notice, the above parameters for reference only, see the approval sheet for details.

注:可依需求製作特殊規格

Note: Special size or items on request.