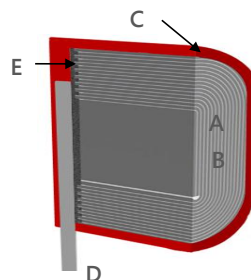


MEF (CL21) series 金屬化聚乙酯膜電容器 Metallized Polyester Film Capacitor



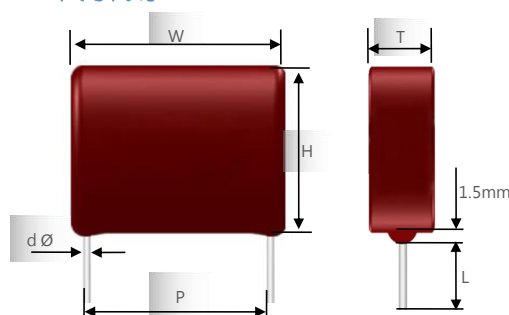
■結構圖 Construction



- A 介質: 聚乙酯膜
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

金屬化聚乙酯膜, 無感捲繞結構
電容量與損耗面對溫度變化穩定性高
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 stability of temperature vs. Cap. And tan δ
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

適用於各種高溫節能燈具
適用於直流和 VHF 級信號的隔直流、旁路和耦合
廣泛用於濾波、低脈衝電路中

Widely used in high temperature light
Suitable for blocking, by-pass and coupling of DC and signals to VHF range
Widely used in filter and low pulse circuits

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 / 400 / 630 VDC
電容量範圍 Capacitance Range	0.01 μ F~10 μ F
電容量偏差 Capacitance Tolerance	$\pm 5\%$ (J) 、 $\pm 10\%$ (K)
耐電壓 Voltage Proof	1.5U _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

MEF (CL21) series 金屬化聚乙酯膜電容器 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.
0.01	10	9	5.5	7.5	0.6	MEF103#2A-08***+++
0.015	10	9.5	6	7.5	0.6	MEF153#2A-08***+++
0.022	10	9	5.5	7.5	0.6	MEF223#2A-08***+++
0.027	10	9.5	6	7.5	0.6	MEF273#2A-08***+++
0.033	10	8.5	5	7.5	0.6	MEF333#2A-08***+++
0.039	10	9	5	7.5	0.6	MEF393#2A-08***+++
0.047	10	9	5.5	7.5	0.6	MEF473#2A-08***+++
0.056	10	9.5	6	7.5	0.6	MEF563#2A-08***+++
0.068	10	9	5.5	7.5	0.6	MEF683#2A-08***+++
0.082	10	9.5	6	7.5	0.6	MEF823#2A-08***+++
0.1	10	8.5	5	7.5	0.6	MEF104#2A-08***+++
0.15	10	8.5	5	7.5	0.6	MEF154#2A-08***+++
0.22	10	9.5	5.5	7.5	0.6	MEF224#2A-08***+++
0.27	10	10	6.5	7.5	0.6	MEF274#2A-08***+++
0.33	13	10.5	6	10	0.6	MEF334#2A-10***+++
0.39	13	11	6	10	0.6	MEF394#2A-10***+++
0.47	13	11.5	6.5	10	0.6	MEF474#2A-10***+++
0.56	13	12	7	10	0.6	MEF564#2A-10***+++
0.68	19	11.5	6	15	0.8	MEF684#2A-15***+++
0.82	19	12.5	6.5	15	0.8	MEF824#2A-15***+++
1	19	12.5	7	15	0.8	MEF105#2A-15***+++
1.5	19	14	8.5	15	0.8	MEF155#2A-15***+++
1.8	19	14.5	9	15	0.8	MEF185#2A-15***+++
2.2	24	14.5	8.5	20	0.8	MEF225#2A-20***+++
2.7	24	15	8.5	20	0.8	MEF275#2A-20***+++
3.3	24	16	9.5	20	0.8	MEF335#2A-20***+++
4.7	29	17	10	25	0.8	MEF475#2A-25***+++
5.6	29	17.5	10.5	25	0.8	MEF565#2A-25***+++
6.8	29	18.5	11.5	25	0.8	MEF685#2A-25***+++
8.2	29	19.5	12.5	25	0.8	MEF825#2A-25***+++
10	29	21	14	25	0.8	MEF106#2A-25***+++

250VDC (160VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.01	10	9	5.5	7.5	0.6	MEF103#2E-08***+++
0.015	10	9.5	6	7.5	0.6	MEF153#2E-08***+++
0.022	10	9.5	5.5	7.5	0.6	MEF223#2E-08***+++
0.027	10	9.5	6	7.5	0.6	MEF273#2E-08***+++
0.033	10	8.5	5.5	7.5	0.6	MEF333#2E-08***+++
0.039	10	9	5	7.5	0.6	MEF393#2E-08***+++
0.047	10	9	5.5	7.5	0.6	MEF473#2E-08***+++
0.056	10	9.5	6	7.5	0.6	MEF563#2E-08***+++
0.068	10	9	5.5	7.5	0.6	MEF683#2E-08***+++
0.082	10	9.5	6	7.5	0.6	MEF823#2E-08***+++
0.1	10	10	6	7.5	0.6	MEF104#2E-08***+++
0.15	10	10.5	6.5	7.5	0.6	MEF154#2E-08***+++
0.22	13	11	6.5	10	0.6	MEF224#2E-10***+++
0.27	13	11.5	7	10	0.6	MEF274#2E-10***+++
0.33	13	12.5	7	10	0.6	MEF334#2E-10***+++
0.39	19	11.5	6	15	0.8	MEF394#2E-15***+++
0.47	19	12	6.5	15	0.8	MEF474#2E-15***+++
0.56	19	12	7	15	0.8	MEF564#2E-15***+++
0.68	19	13	7.5	15	0.8	MEF684#2E-15***+++
0.82	19	13.5	8.5	15	0.8	MEF824#2E-15***+++
1	19	14	9	15	0.8	MEF105#2E-15***+++
1.5	24	14	9	20	0.8	MEF155#2E-20***+++
1.8	24	16	9.5	20	0.8	MEF185#2E-20***+++
2.2	24	17	10	20	0.8	MEF225#2E-20***+++
2.7	24	18	11.5	20	0.8	MEF275#2E-20***+++
3.3	29	18	11.5	25	0.8	MEF335#2E-25***+++
4.7	29	20	13	25	0.8	MEF475#2E-25***+++
5.6	29	19.5	12.5	25	0.8	MEF565#2E-25***+++
6.8	34	21.5	13.5	30	0.8	MEF685#2E-30***+++
8.2	34	23	14.5	30	0.8	MEF825#2E-30***+++
10	34	24.5	16	30	0.8	MEF106#2E-30***+++

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.

MEF (CL21) series 金屬化聚乙酯膜電容器 Metallized Polyester Film Capacitor



■外型尺寸 Dimensions (mm)

400VDC (200VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.01	10	9	5.5	7.5	0.6	MEF103#2G-08***+++
0.015	10	9.5	6	7.5	0.6	MEF153#2G-08***+++
0.018	10	10	6	7.5	0.6	MEF183#2G-08***+++
0.022	10	9.5	5.5	7.5	0.6	MEF223#2G-08***+++
0.027	10	9.5	6	7.5	0.6	MEF273#2G-08***+++
0.033	10	10	6	7.5	0.6	MEF333#2G-08***+++
0.039	10	10.5	6.5	7.5	0.6	MEF393#2G-08***+++
0.047	10	10.5	7	7.5	0.6	MEF473#2G-08***+++
0.056	13	10.5	6	10	0.6	MEF563#2G-10***+++
0.068	13	11	6.5	10	0.6	MEF683#2G-10***+++
0.082	13	11.5	7	10	0.6	MEF823#2G-10***+++
0.1	13	12	7	10	0.6	MEF104#2G-10***+++
0.12	13	12.5	8	10	0.6	MEF124#2G-10***+++
0.15	19	11.5	7	15	0.8	MEF154#2G-15***+++
0.18	19	12	7.5	15	0.8	MEF184#2G-15***+++
0.22	19	13	8	15	0.8	MEF224#2G-15***+++
0.27	19	13.5	9	15	0.8	MEF274#2G-15***+++
0.33	19	14.5	9.5	15	0.8	MEF334#2G-15***+++
0.39	19	15.5	9.5	15	0.8	MEF394#2G-15***+++
0.47	19	16	10.5	15	0.8	MEF474#2G-15***+++
0.56	24	15	9.5	20	0.8	MEF564#2G-20***+++
0.68	24	16	10.5	20	0.8	MEF684#2G-20***+++
0.82	24	17	11.5	20	0.8	MEF824#2G-20***+++
1	29	17	10.5	25	0.8	MEF105#2G-25***+++
1.2	29	18	11.5	25	0.8	MEF125#2G-25***+++
1.5	29	19.5	12.5	25	0.8	MEF155#2G-25***+++
1.8	34	21	12	30	0.8	MEF185#2G-30***+++
2.2	34	21.5	13.5	30	0.8	MEF225#2G-30***+++
2.7	34	23	14.5	30	0.8	MEF275#2G-30***+++
3.3	34	24.5	16.5	30	0.8	MEF335#2G-30***+++
4.7	34	28	19.5	30	0.8	MEF475#2G-30***+++

630VDC (220VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.01	13	9	5	10	0.6	MEF103#2J-10***+++
0.015	13	9.5	5.5	10	0.6	MEF153#2J-10***+++
0.018	13	10	6	10	0.6	MEF183#2J-10***+++
0.022	13	10	6	10	0.6	MEF223#2J-10***+++
0.027	13	10.5	6.5	10	0.6	MEF273#2J-10***+++
0.033	13	11	7	10	0.6	MEF333#2J-10***+++
0.039	13	11.5	7	10	0.6	MEF393#2J-10***+++
0.047	13	12.5	8	10	0.6	MEF473#2J-10***+++
0.056	13	13	8.5	10	0.6	MEF563#2J-10***+++
0.068	19	12	7.5	15	0.8	MEF683#2J-15***+++
0.1	19	13	8	15	0.8	MEF104#2J-15***+++
0.12	19	13.5	9	15	0.8	MEF124#2J-15***+++
0.15	19	14	9.5	15	0.8	MEF154#2J-15***+++
0.18	19	15	10	15	0.8	MEF184#2J-15***+++
0.22	19	16	11	15	0.8	MEF224#2J-15***+++
0.27	24	16	9.5	20	0.8	MEF274#2J-20***+++
0.33	24	17	10	20	0.8	MEF334#2J-20***+++
0.39	24	18	11	20	0.8	MEF394#2J-20***+++
0.47	29	18	10	25	0.8	MEF474#2J-25***+++
0.56	29	19	10.5	25	0.8	MEF564#2J-25***+++
0.68	29	20	12	25	0.8	MEF684#2J-25***+++
0.82	29	21.5	13	25	0.8	MEF824#2J-25***+++
1	34	21.5	13	30	0.8	MEF105#2J-30***+++
1.2	34	22.5	14.5	30	0.8	MEF125#2J-30***+++
1.5	34	24	15.5	30	0.8	MEF155#2J-30***+++
1.8	34	26	17.5	30	0.8	MEF185#2J-30***+++
2.2	34	27.5	19.5	30	0.8	MEF225#2J-30***+++

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

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