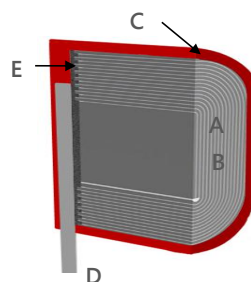


MTP (CBB21S) series 金屬化聚丙烯安全膜電容器 Metallized Polypropylene Afety Film Capacitor



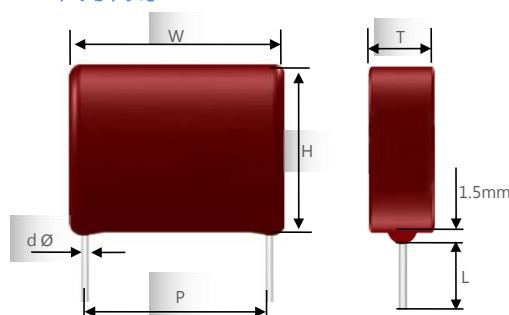
■結構圖 Construction



- A 介質: 聚丙烯膜
Dielectric : Polypropylene 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

金屬化安全結構聚丙烯薄膜電容器
內部有保險裝置，性能可靠
體積小，只有同等規格普通電容器的一半
非常低的介電吸收
採用耐高溫噴金材料，阻燃環氧粉末包封

Metallized security structure polypropylene film capacitor
Internal safety device, reliable performance
Small size, only half of the same specifications of the ordinary capacitor
Very low dielectric absorption
Using high temperature spraying material, flame retardant epoxy resin powder coating

■推薦應用領域 | Typical Application

廣泛用於節能燈、電源、LED、電視機，
用於開關電源、電子鎮流器、主機馬達變頻器的中間電路直流濾波(如：Dc-Link, Dc-filter and P.F.C)

Widely used in energy saving lamps, power source, LED, television
As intermediate circuit capacitors for SMPS, electronic ballast, Inverter (i.e: Dc-Link, Dc-filter and P.F.C)

技術要求參照標準 Specification Reference Standard	GB/T 10190 (IEC 60384-16)
氣候類別 Climatic Category	40/105/21
工作溫度範圍 Operation Temperature Range	-40°C~105°C (+85°C~+105°C : decreasing factor1.25% per°C for U _R)
額定電壓 Rated Voltage	450 / 520 / 630 VDC
電容量範圍 Capacitance Range	0.027μF~10μF
電容量偏差 Capacitance Tolerance	±5%(J) 、 ±10%(K)
耐電壓 Voltage Proof	1.5U _R , 5sec
絕緣電阻 Insulation Resistance	CR≤0.33μF,IR≥15000MΩ ;CR>0.33μF,IR≥5000 MΩ/CAP(μF)
損耗角正切 Dissipation Factor	0.1% Max, at 1KHz and 20°C

MTP (CBB21S) series 金屬化聚丙烯安全膜電容器 Metallized Polypropylene Afety Film Capacitor



■外型尺寸 Dimensions (mm)

450VDC

容量μF	W	H	T	P	d	產品代碼 Part No.
0.047	12.5	7.7	4.1	10	0.6	MTP473#2S-10***+++
0.056	12.5	7.9	4.3	10	0.6	MTP563#2S-10***+++
0.068	12.5	8.8	4.4	10	0.6	MTP683#2S-10***+++
0.082	12.5	9.1	4.7	10	0.6	MTP823#2S-10***+++
0.1	12.5	9.5	5.3	10	0.6	MTP104#2S-10***+++
0.12	12.5	10.4	5.5	10	0.6	MTP124#2S-10***+++
0.15	12.5	10.9	6	10	0.6	MTP154#2S-10***+++
0.18	12.5	11.4	6.4	10	0.6	MTP184#2S-10***+++
0.15	17.5	9.7	5.1	15	0.8	MTP154#2S-15***+++
0.18	17.5	10.6	5.2	15	0.8	MTP184#2S-15***+++
0.22	17.5	11	5.6	15	0.8	MTP224#2S-15***+++
0.27	17.5	11.5	6	15	0.8	MTP274#2S-15***+++
0.33	17.5	12	6.6	15	0.8	MTP334#2S-15***+++
0.39	17.5	12.5	7.1	15	0.8	MTP394#2S-15***+++
0.47	17.5	14.6	7.1	15	0.8	MTP474#2S-15***+++
0.56	17.5	15.2	7.7	15	0.8	MTP564#2S-15***+++
0.68	17.5	15.9	8.5	15	0.8	MTP684#2S-15***+++
0.82	17.5	16.8	9.3	15	0.8	MTP824#2S-15***+++
1	17.5	17.7	10.7	15	0.8	MTP105#2S-15***+++
1.2	17.5	18.7	11.7	15	0.8	MTP125#2S-15***+++
0.27	25.5	10.4	5	22.5	0.8	MTP274#2S-23***+++
0.33	25.5	10.8	5.4	22.5	0.8	MTP334#2S-23***+++
0.39	25.5	11.2	5.7	22.5	0.8	MTP394#2S-23***+++
0.47	25.5	11.6	6.2	22.5	0.8	MTP474#2S-23***+++

450VDC

容量μF	W	H	T	P	d	產品代碼 Part No.
0.56	25.5	13.6	6.2	22.5	0.8	MTP564#2S-23***+++
0.68	25.5	14.2	6.7	22.5	0.8	MTP684#2S-23***+++
0.82	25.5	15.9	6.8	22.5	0.8	MTP824#2S-23***+++
1	25.5	16.5	8	22.5	0.8	MTP105#2S-23***+++
1.2	25.5	17.3	8.7	22.5	0.8	MTP125#2S-23***+++
1.5	25.5	18.2	9.7	22.5	0.8	MTP155#2S-23***+++
1.8	25.5	19.1	10.6	22.5	0.8	MTP185#2S-23***+++
2.2	25.5	20.2	11.7	22.5	0.8	MTP225#2S-23***+++
2.7	25.5	21.5	12.9	22.5	0.8	MTP275#2S-23***+++
0.68	30.7	13.5	6	27.5	0.8	MTP684#2S-28***+++
0.82	30.7	14	6.6	27.5	0.8	MTP824#2S-28***+++
1	30.7	14.7	7.7	27.5	0.8	MTP105#2S-28***+++
1.2	30.7	16.4	7.8	27.5	0.8	MTP125#2S-28***+++
1.5	30.7	17.2	8.7	27.5	0.8	MTP155#2S-28***+++
1.8	30.7	18	9.4	27.5	0.8	MTP185#2S-28***+++
2.2	30.7	20	9.8	27.5	0.8	MTP225#2S-28***+++
2.7	30.7	23.2	9.9	27.5	0.8	MTP275#2S-28***+++
3.3	30.7	24.3	11	27.5	0.8	MTP335#2S-28***+++
3.9	30.7	25.3	12	27.5	0.8	MTP395#2S-28***+++
4.7	30.7	26.6	13.3	27.5	0.8	MTP475#2S-28***+++
5.6	30.7	28	14.7	27.5	0.8	MTP565#2S-28***+++
6.8	30.7	29.6	16.4	27.5	0.8	MTP685#2S-28***+++
8.2	30.7	31.4	18.2	27.5	0.8	MTP825#2S-28***+++
10	30.7	33.5	20.3	27.5	0.8	MTP106#2S-28***+++

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

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注:可依需求製作特殊規格

Note: Special size or items on request.

MTP (CBB21S) series 金屬化聚丙烯安全膜電容器 Metallized Polypropylene Afety Film Capacitor



■外型尺寸 Dimensions (mm)

520VDC

容量μF	W	H	T	P	d	產品代碼 Part No.
0.039	12.5	7.8	4.1	10	0.6	MTP393#2T-10***+++
0.047	12.5	8	4.4	10	0.6	MTP473#2T-10***+++
0.056	12.5	8.8	4.4	10	0.6	MTP563#2T-10***+++
0.068	12.5	9.2	4.7	10	0.6	MTP683#2T-10***+++
0.082	12.5	9.5	5.1	10	0.6	MTP823#2T-10***+++
0.1	12.5	10.5	5.6	10	0.6	MTP104#2T-10***+++
0.12	12.5	10.9	6	10	0.6	MTP124#2T-10***+++
0.15	12.5	11.5	6.6	10	0.6	MTP154#2T-10***+++
0.18	12.5	12	7.1	10	0.6	MTP184#2T-10***+++
0.1	17.5	9.4	4.8	15	0.8	MTP104#2T-15***+++
0.12	17.5	9.7	5.1	15	0.8	MTP124#2T-15***+++
0.15	17.5	10.1	5.5	15	0.8	MTP154#2T-15***+++
0.18	17.5	10.5	5.9	15	0.8	MTP184#2T-15***+++
0.22	17.5	11	6.4	15	0.8	MTP224#2T-15***+++
0.27	17.5	12.1	6.6	15	0.8	MTP274#2T-15***+++
0.33	17.5	12.6	7.2	15	0.8	MTP334#2T-15***+++
0.39	17.5	14.7	7.2	15	0.8	MTP394#2T-15***+++
0.47	17.5	15.4	7.9	15	0.8	MTP474#2T-15***+++
0.56	17.5	16.1	8.6	15	0.8	MTP564#2T-15***+++
0.68	17.5	16.9	9.4	15	0.8	MTP684#2T-15***+++
0.82	17.5	17.8	10.3	15	0.8	MTP824#2T-15***+++
1	17.5	18.9	11.9	15	0.8	MTP105#2T-15***+++
0.33	25.5	11.3	5.9	22.5	0.8	MTP334#2T-23***+++
0.39	25.5	11.7	6.3	22.5	0.8	MTP394#2T-23***+++
0.47	25.5	13.8	6.3	22.5	0.8	MTP474#2T-23***+++

520VDC

容量μF	W	H	T	P	d	產品代碼 Part No.
0.56	25.5	14.3	6.8	22.5	0.8	MTP564#2T-23***+++
0.68	25.5	16	6.9	22.5	0.8	MTP684#2T-23***+++
0.82	25.5	16.6	7.6	22.5	0.8	MTP824#2T-23***+++
1	25.5	17.4	8.9	22.5	0.8	MTP105#2T-23***+++
1.2	25.5	18.2	9.7	22.5	0.8	MTP125#2T-23***+++
1.5	25.5	20.3	10.2	22.5	0.8	MTP155#2T-23***+++
1.8	25.5	21.3	11.2	22.5	0.8	MTP185#2T-23***+++
2.2	25.5	22.5	12.4	22.5	0.8	MTP225#2T-23***+++
0.47	30.7	11.6	6.2	27.5	0.8	MTP474#2T-28***+++
0.56	30.7	12.1	6.6	27.5	0.8	MTP564#2T-28***+++
0.68	30.7	12.6	7.2	27.5	0.8	MTP684#2T-28***+++
0.82	30.7	13.8	7.8	27.5	0.8	MTP824#2T-28***+++
1	30.7	14.5	9.1	27.5	0.8	MTP105#2T-28***+++
1.2	30.7	16.2	9.2	27.5	0.8	MTP125#2T-28***+++
1.5	30.7	17.2	10.2	27.5	0.8	MTP155#2T-28***+++
1.8	30.7	19	10.5	27.5	0.8	MTP185#2T-28***+++
2.2	30.7	21.1	11	27.5	0.8	MTP225#2T-28***+++
2.7	30.7	24.4	11.1	27.5	0.8	MTP275#2T-28***+++
3.3	30.7	25.6	12.4	27.5	0.8	MTP335#2T-28***+++
3.9	30.7	26.8	13.6	27.5	0.8	MTP395#2T-28***+++
4.7	30.7	28.3	15	27.5	0.8	MTP475#2T-28***+++
5.6	30.7	29.8	16.6	27.5	0.8	MTP565#2T-28***+++
6.8	30.7	31.7	18.4	27.5	0.8	MTP685#2T-28***+++
8.2	30.7	33.7	20.5	27.5	0.8	MTP825#2T-28***+++

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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Note: Special size or items on request.

MTP (CBB21S) series 金屬化聚丙烯安全膜電容器 Metallized Polypropylene Afety Film Capacitor



■外型尺寸 Dimensions (mm)

630VDC

容量μF	W	H	T	P	d	產品代碼 Part No.
0.027	12.5	7.8	4.2	10	0.6	MTP273#2J-10***+++
0.033	12.5	8.1	4.5	10	0.6	MTP333#2J-10***+++
0.039	12.5	8.9	4.5	10	0.6	MTP393#2J-10***+++
0.047	12.5	9.2	4.8	10	0.6	MTP473#2J-10***+++
0.056	12.5	9.6	5.1	10	0.6	MTP563#2J-10***+++
0.068	12.5	10.5	5.3	10	0.6	MTP683#2J-10***+++
0.082	12.5	10.9	5.7	10	0.6	MTP823#2J-10***+++
0.1	12.5	11.4	6.5	10	0.6	MTP104#2J-10***+++
0.12	12.5	12	7	10	0.6	MTP124#2J-10***+++
0.15	12.5	12.7	7.8	10	0.6	MTP154#2J-10***+++
0.068	17.5	9.4	4.5	15	0.8	MTP683#2J-15***+++
0.082	17.5	9.7	4.8	15	0.8	MTP823#2J-15***+++
0.1	17.5	10.7	5.3	15	0.8	MTP104#2J-15***+++
0.12	17.5	11	5.6	15	0.8	MTP124#2J-15***+++
0.15	17.5	11.6	6.1	15	0.8	MTP154#2J-15***+++
0.18	17.5	12	6.6	15	0.8	MTP184#2J-15***+++
0.22	17.5	14.1	6.7	15	0.8	MTP224#2J-15***+++
0.27	17.5	14.8	7.3	15	0.8	MTP274#2J-15***+++
0.33	17.5	15.5	8	15	0.8	MTP334#2J-15***+++
0.39	17.5	16.1	8.7	15	0.8	MTP394#2J-15***+++
0.47	17.5	17	9.5	15	0.8	MTP474#2J-15***+++
0.56	17.5	17.8	10.3	15	0.8	MTP564#2J-15***+++
0.68	17.5	18.9	11.4	15	0.8	MTP684#2J-15***+++
0.82	17.5	20.9	11.8	15	0.8	MTP824#2J-15***+++
1	17.5	22.1	13.6	15	0.8	MTP105#2J-15***+++
0.22	25.5	11.3	5.9	22.5	0.8	MTP224#2J-23***+++
0.27	25.5	11.8	6.4	22.5	0.8	MTP274#2J-23***+++
0.33	25.5	12.3	6.9	22.5	0.8	MTP334#2J-23***+++

630VDC

容量μF	W	H	T	P	d	產品代碼 Part No.
0.39	25.5	14.4	6.9	22.5	0.8	MTP394#2J-23***+++
0.47	25.5	15	7.5	22.5	0.8	MTP474#2J-23***+++
0.56	25.5	16.7	7.6	22.5	0.8	MTP564#2J-23***+++
0.68	25.5	17.4	8.3	22.5	0.8	MTP684#2J-23***+++
0.82	25.5	18.2	9.2	22.5	0.8	MTP824#2J-23***+++
1	25.5	19.2	10.6	22.5	0.8	MTP105#2J-23***+++
1.2	25.5	20.2	11.6	22.5	0.8	MTP125#2J-23***+++
1.5	25.5	22.5	12.4	22.5	0.8	MTP155#2J-23***+++
1.8	25.5	23.7	13.6	22.5	0.8	MTP185#2J-23***+++
2.2	25.5	25.2	15.1	22.5	0.8	MTP225#2J-23***+++
0.27	30.7	11.2	5.8	27.5	0.8	MTP274#2J-28***+++
0.33	30.7	11.7	6.3	27.5	0.8	MTP334#2J-28***+++
0.39	30.7	12.1	6.7	27.5	0.8	MTP394#2J-28***+++
0.47	30.7	12.7	7.3	27.5	0.8	MTP474#2J-28***+++
0.56	30.7	13.8	7.9	27.5	0.8	MTP564#2J-28***+++
0.68	30.7	15.5	8	27.5	0.8	MTP684#2J-28***+++
0.82	30.7	16.2	8.7	27.5	0.8	MTP824#2J-28***+++
1	30.7	18	9.7	27.5	0.8	MTP105#2J-28***+++
1.2	30.7	19.9	9.8	27.5	0.8	MTP125#2J-28***+++
1.5	30.7	21.1	11	27.5	0.8	MTP155#2J-28***+++
1.8	30.7	24.2	11.9	27.5	0.8	MTP185#2J-28***+++
2.2	30.7	25.5	12.2	27.5	0.8	MTP225#2J-28***+++
2.7	30.7	26.9	13.6	27.5	0.8	MTP275#2J-28***+++
3.3	30.7	28.5	15.2	27.5	0.8	MTP335#2J-28***+++
3.9	30.7	29.9	16.7	27.5	0.8	MTP395#2J-28***+++
4.7	30.7	31.7	18.5	27.5	0.8	MTP475#2J-28***+++
5.6	30.7	33.6	20.3	27.5	0.8	MTP565#2J-28***+++

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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