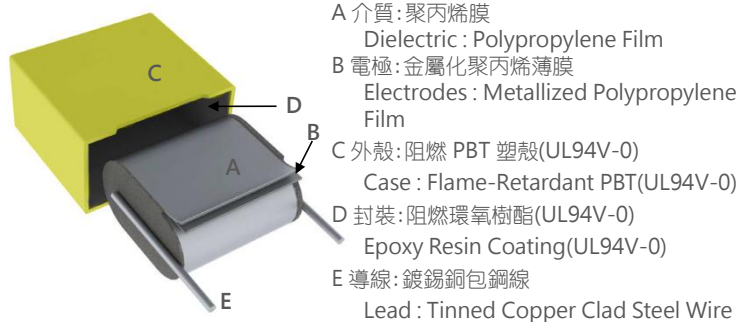


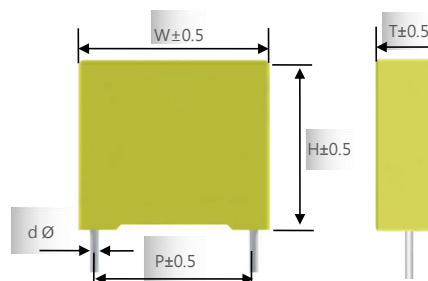
# PDK (MMKP82) series 雙面金屬化聚丙烯膜電容器 Double Metallized Polypropylene Film Capacitor



## ■結構圖 Construction



## ■尺寸代碼 Dimensions Code



## ■特性 | Feature

雙面金屬化結構, 廣泛應用於高壓、高頻及脈衝電路  
損耗小、內部溫升小  
負電容量溫度係數  
優異的阻燃性能

Double sided metallized structure, widely used in high voltage, high frequency and pulse circuit  
Low loss and small inherent temperature rise,  
Negative temperature coefficient of capacitance  
Excellent active and passive flame resistant circuit

## ■推薦應用領域 | Typical Application

廣泛應用於高壓高頻脈衝電路中  
電子鎮流器和節能燈中  
吸收和 SCR 整流電路

Widely used in high voltage, high frequency and pulse circuit  
Lamp capacitor for electronic ballast and compact lamps  
SNUBBER and SCR commutating circuits

技術要求參照標準 Specification Reference Standard	GB/T 14579(IEC 60384-17)
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 factor 1.25% per°C for $U_R$ )
額定電壓 Rated Voltage	630 / 1000 / 1250 / 1600 / 2000 VDC
電容量範圍 Capacitance Range	0.001 $\mu$ F~0.12 $\mu$ F
電容量偏差 Capacitance Tolerance	$\pm 5\%$ (J) 、 $\pm 10\%$ (K)
耐電壓 Voltage Proof	1.5 $U_R$ , 2sec
絕緣電阻 Insulation Resistance	$CR \leq 0.33\mu F, IR \geq 15000 M\Omega$ ; $CR > 0.33\mu F, IR \geq 5000 M\Omega / CAP(\mu F)$
損耗角正切 Dissipation Factor	0.1% Max, at 1KHz and 20°C

# PDK (MMKP82) series 雙面金屬化聚丙烯膜電容器

## Double Metallized Polypropylene Film Capacitor



### ■外型尺寸 Dimensions (mm)

630VDC (250VAC)

容量 $\mu$ F	W	H	T	P	d	產品代碼 Part No.
0.0056	18	11	5	15	0.8	PDK562#2J-15***+++
0.0068	18	11	5	15	0.8	PDK682#2J-15***+++
0.0082	18	11	5	15	0.8	PDK822#2J-15***+++
0.01	18	12	6	15	0.8	PDK103#2J-15***+++
0.012	18	12	6	15	0.8	PDK123#2J-15***+++
0.015	18	13.5	7.5	15	0.8	PDK153#2J-15***+++
0.018	18	13.5	7.5	15	0.8	PDK183#2J-15***+++
0.022	18	14.5	8.5	15	0.8	PDK223#2J-15***+++
0.025	18	14.5	8.5	15	0.8	PDK253#2J-15***+++
0.027	18	15.5	9.5	15	0.8	PDK273#2J-15***+++
0.03	18	15.5	9.5	15	0.8	PDK303#2J-15***+++
0.033	26.5	16.5	7	22.5	0.8	PDK333#2J-23***+++
0.039	26.5	16.5	7	22.5	0.8	PDK393#2J-23***+++
0.047	26.5	17	8.5	22.5	0.8	PDK473#2J-23***+++
0.056	26.5	17	8.5	22.5	0.8	PDK563#2J-23***+++
0.068	26.5	19	10	22.5	0.8	PDK683#2J-23***+++
0.082	26.5	19	10	22.5	0.8	PDK823#2J-23***+++
0.1	26.5	19	10	22.5	0.8	PDK104#2J-23***+++

1000VDC (400VAC)

容量 $\mu$ F	W	H	T	P	d	產品代碼 Part No.
0.0056	18	11	5	15	0.8	PDK562#3A-15***+++
0.0068	18	11	5	15	0.8	PDK682#3A-15***+++
0.0082	18	11	5	15	0.8	PDK822#3A-15***+++
0.01	18	12	6	15	0.8	PDK103#3A-15***+++
0.012	18	12	6	15	0.8	PDK123#3A-15***+++
0.015	18	13.5	7.5	15	0.8	PDK153#3A-15***+++
0.018	18	13.5	7.5	15	0.8	PDK183#3A-15***+++
0.022	18	14.5	8.5	15	0.8	PDK223#3A-15***+++
0.025	18	14.5	8.5	15	0.8	PDK253#3A-15***+++
0.027	18	15.5	9.5	15	0.8	PDK273#3A-15***+++
0.03	18	15.5	9.5	15	0.8	PDK303#3A-15***+++
0.033	26.5	16.5	7	22.5	0.8	PDK333#3A-23***+++
0.039	26.5	16.5	7	22.5	0.8	PDK393#3A-23***+++
0.047	26.5	17	8.5	22.5	0.8	PDK473#3A-23***+++
0.056	26.5	17	8.5	22.5	0.8	PDK563#3A-23***+++
0.068	26.5	19	10	22.5	0.8	PDK683#3A-23***+++
0.082	26.5	19	10	22.5	0.8	PDK823#3A-23***+++
0.1	26.5	19	10	22.5	0.8	PDK104#3A-23***+++

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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注:可依需求製作特殊規格

Note: Special size or items on request.

# PDK (MMKP82) series 雙面金屬化聚丙烯膜電容器 Double Metallized Polypropylene Film Capacitor



## ■外型尺寸 Dimensions (mm)

1250VDC (440VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.001	18	11	5	15	0.8	PDK102#3B-15***+++
0.0012	18	11	5	15	0.8	PDK122#3B-15***+++
0.0015	18	11	5	15	0.8	PDK152#3B-15***+++
0.0018	18	11	5	15	0.8	PDK182#3B-15***+++
0.0022	18	11	5	15	0.8	PDK222#3B-15***+++
0.0027	18	11	5	15	0.8	PDK272#3B-15***+++
0.0033	18	11	5	15	0.8	PDK332#3B-15***+++
0.0039	18	11	5	15	0.8	PDK392#3B-15***+++
0.0047	18	11	5	15	0.8	PDK472#3B-15***+++
0.0056	18	12	6	15	0.8	PDK562#3B-15***+++
0.0068	18	12	6	15	0.8	PDK682#3B-15***+++
0.0082	18	12	6	15	0.8	PDK822#3B-15***+++
0.01	18	13.5	7.5	15	0.8	PDK103#3B-15***+++
0.012	18	13.5	7.5	15	0.8	PDK123#3B-15***+++
0.015	18	14.5	8.5	15	0.8	PDK153#3B-15***+++
0.018	18	15.5	9.5	15	0.8	PDK183#3B-15***+++
0.022	18	15.5	9.5	15	0.8	PDK223#3B-15***+++
0.025	26.5	16	7	22.5	0.8	PDK253#3B-23***+++
0.027	26.5	16	7	22.5	0.8	PDK273#3B-23***+++
0.033	26.5	17	8.5	22.5	0.8	PDK333#3B-23***+++
0.039	26.5	17	8.5	22.5	0.8	PDK393#3B-23***+++
0.047	26.5	19	10	22.5	0.8	PDK473#3B-23***+++
0.056	26.5	19	10	22.5	0.8	PDK563#3B-23***+++
0.068	26.5	19.5	10.8	22.5	0.8	PDK683#3B-23***+++
0.082	26.5	19.5	10.8	22.5	0.8	PDK823#3B-23***+++
0.1	26.5	21.5	13	22.5	0.8	PDK104#3B-23***+++

1600VDC (500VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.001	18	11	5	15	0.8	PDK102#3C-15***+++
0.0012	18	11	5	15	0.8	PDK122#3C-15***+++
0.0015	18	11	5	15	0.8	PDK152#3C-15***+++
0.0018	18	11	5	15	0.8	PDK182#3C-15***+++
0.0022	18	11	5	15	0.8	PDK222#3C-15***+++
0.0027	18	11	5	15	0.8	PDK272#3C-15***+++
0.0033	18	11	5	15	0.8	PDK332#3C-15***+++
0.0039	18	11	5	15	0.8	PDK392#3C-15***+++
0.0047	18	11	5	15	0.8	PDK472#3C-15***+++
0.0056	18	12	6	15	0.8	PDK562#3C-15***+++
0.0068	18	12	6	15	0.8	PDK682#3C-15***+++
0.0082	18	12	6	15	0.8	PDK822#3C-15***+++
0.01	18	13.5	7.5	15	0.8	PDK103#3C-15***+++
0.012	18	13.5	7.5	15	0.8	PDK123#3C-15***+++
0.015	18	14.5	8.5	15	0.8	PDK153#3C-15***+++
0.018	18	15.5	9.5	15	0.8	PDK183#3C-15***+++
0.022	18	15.5	9.5	15	0.8	PDK223#3C-15***+++
0.025	26.5	16	7	22.5	0.8	PDK253#3C-23***+++
0.027	26.5	16	7	22.5	0.8	PDK273#3C-23***+++
0.033	26.5	17	8.5	22.5	0.8	PDK333#3C-23***+++
0.039	26.5	17	8.5	22.5	0.8	PDK393#3C-23***+++
0.047	26.5	19	10	22.5	0.8	PDK473#3C-23***+++
0.056	26.5	19	10	22.5	0.8	PDK563#3C-23***+++
0.068	31.5	19.5	10.8	22.5	0.8	PDK683#3C-23***+++
0.082	31.5	19.5	10.8	22.5	0.8	PDK823#3C-23***+++
0.1	31.5	21.5	13	22.5	0.8	PDK104#3C-23***+++

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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# PDK (MMKP82) series 雙面金屬化聚丙烯膜電容器

## Double Metallized Polypropylene Film Capacitor



### ■外型尺寸 Dimensions (mm)

2000VDC (700VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.001	18	11	5	15	0.8	PDK102#3D-15***+++
0.0012	18	11	5	15	0.8	PDK122#3D-15***+++
0.0015	18	11	5	15	0.8	PDK152#3D-15***+++
0.0018	18	11	5	15	0.8	PDK182#3D-15***+++
0.0022	18	11	5	15	0.8	PDK222#3D-15***+++
0.0027	18	11	5	15	0.8	PDK272#3D-15***+++
0.0033	18	11	5	15	0.8	PDK332#3D-15***+++
0.0039	18	11	5	15	0.8	PDK392#3D-15***+++
0.0047	18	11	5	15	0.8	PDK472#3D-15***+++
0.0056	18	12	6	15	0.8	PDK562#3D-15***+++
0.0068	18	12	6	15	0.8	PDK682#3D-15***+++
0.0082	18	12	6	15	0.8	PDK822#3D-15***+++
0.01	18	13.5	7.5	15	0.8	PDK103#3D-15***+++
0.012	18	13.5	7.5	15	0.8	PDK123#3D-15***+++
0.015	18	14.5	8.5	15	0.8	PDK153#3D-15***+++
0.018	18	15.5	9.5	15	0.8	PDK183#3D-15***+++
0.022	18	15.5	9.5	15	0.8	PDK223#3D-15***+++
0.018	26.5	17	8.5	22.5	0.8	PDK183#3D-23***+++

2000VDC (700VAC)

容量μF	W	H	T	P	d	產品代碼 Part No.
0.022	26.5	17	8.5	22.5	0.8	PDK223#3D-23***+++
0.027	26.5	19	10	22.5	0.8	PDK273#3D-23***+++
0.033	26.5	19	10	22.5	0.8	PDK333#3D-23***+++
0.039	26.5	22	12	22.5	0.8	PDK393#3D-23***+++
0.047	26.5	22	12	22.5	0.8	PDK473#3D-23***+++
0.056	26.5	22	12	22.5	0.8	PDK563#3D-23***+++
0.018	31.5	19.5	10.8	27.5	0.8	PDK183#3D-28***+++
0.022	31.5	19.5	10.8	27.5	0.8	PDK223#3D-28***+++
0.027	31.5	19.5	10.8	27.5	0.8	PDK273#3D-28***+++
0.033	31.5	19.5	10.8	27.5	0.8	PDK333#3D-28***+++
0.039	31.5	19.5	10.8	27.5	0.8	PDK393#3D-28***+++
0.047	31.5	21.5	13	27.5	0.8	PDK473#3D-28***+++
0.056	31.5	21.5	13	27.5	0.8	PDK563#3D-28***+++
0.068	31.5	21.5	13	27.5	0.8	PDK683#3D-28***+++
0.082	31	25	14	27.5	0.8	PDK823#3D-28***+++
0.1	31	25	14	27.5	0.8	PDK104#3D-28***+++
0.12	31	25	14	27.5	0.8	PDK124#3D-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

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