



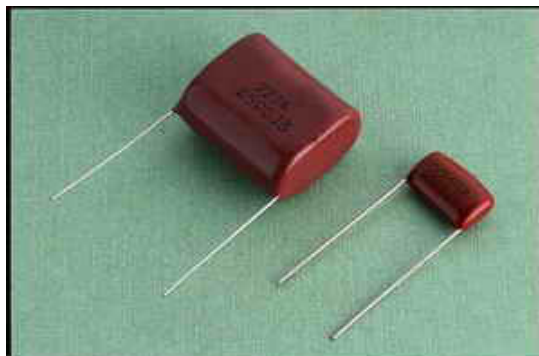
萬保剛電子集團有限公司

MOBICON HOLDINGS LTD.

香港九龍新蒲崗太子道東 704 號新時代工貿商業中心七樓(全層)
7/F., New Trend Centre, No. 704 Prince Edward Road East, San Po Kong, Hong Kong
Homepage : <http://www.mobicon.com> e-mail : mobicon@mobicon.com
Tel : (852) 2397 8218 , 2397 6628 Fax : (852) 2397 8187 , 2397 0339



JIMSON PPS (CBB81) Metallized Polypropylene Film /foil Capacitor (High Voltage)



FEATURES:

- High stability of capacitance and DF versus temperature and frequency
- Special serial construction for high voltage and long-term ability
- High pulse rise rate (du/dt) and suitable for large current circuit

APPLICATIONS:

Most suitable for high voltage and pulse in the horizontal resonance circuit of colour TV set.

SPECIFICATIONS:

DIELECTRIC: Polypropylene film

ELECTRODES: Aluminum foil as outer electrodes and vacuum evaporated metal layer as inner series electrode

COATING: Epoxy resin coating

LEADS: Radial leads of tinned wire

REFERENCE STANDARD : IEC384-17;GB14579-1993

CLIMATIC CATALOGUE: 40/85/21

CAPACITANCE VERSUS RATED VOLTAGE (UR):

0.001uF-0.1uF/1000VDC;

0.001uF-0.047uF/1600VDC;0.001uF-0.022uF/2000VDC;

CAPACITANCE TOLERANCE: M=±20% K=±10% J=±5%

DISSIPATION FACTOR

(TANGENT OF LOSS): DF≤0.1%(at 20°C,1KHz)



MOBICON

Group of Companies



萬保剛電子集團有限公司

MOBICON HOLDINGS LTD.

香港九龍新蒲崗太子道東 704 號新時代工貿商業中心七樓(全層)
7/F., New Trend Centre, No. 704 Prince Edward Road East, San Po Kong, Hong Kong
Homepage : <http://www.mobicon.com> e-mail : mobicon@mobicon.com
Tel : (852) 2397 8218 , 2397 6628 Fax : (852) 2397 8187 , 2397 0339



VOLTAGE PROOF: $2.0 \times U_r$ (1 minute at 20°C)

INSULATION RESISTANCE: $C \leq 0.10 \mu F$ $IR \geq 30000 M\Omega$;

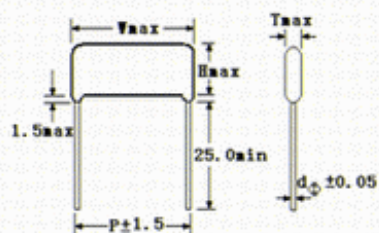
(1 minute at 20°C and RH $\leq$ 65%)

ENDURANCE: 1000 hours with 125% of rated voltage at 85°C.

After the test:

$\Delta C/C \leq 10\%$; $\Delta DF \leq 0.3\%$

$IR \geq 50\%$ of the specified value (20°C 1KHz)



★OUTLINE DRAWING 外形图

★PICTURE 实物图

★DIMENSION 尺寸

UNIT 单位:

mm

(SPECIAL SIZE OR ITEMS ON REQUEST) 可依需求制作特殊规格

CAPACITANCE		1000VDC						1600VDC						2000VDC					
SYMBOL	μF	W	H	T	P	$\phi\phi$		W	H	T	P	$\phi\phi$		W	H	T	P	$\phi\phi$	
102	0.0010	19.0	14.0	10.0	15.0	0.8		19.0	15.0	11.0	15.0	0.8		24.0	16.0	11.0	20.0	0.8	
								24.0	15.0	10.0	20.0	0.8							
152	0.0015	19.0	14.0	10.0	15.0	0.8		19.0	16.0	12.0	15.0	0.8		24.0	16.0	11.0	20.0	0.8	
								24.0	15.0	10.0	20.0	0.8							
222	0.0022	19.0	14.0	10.0	15.0	0.8		19.0	17.0	13.0	15.0	0.8		24.0	17.0	12.0	20.0	0.8	
								24.0	15.0	10.0	20.0	0.8							
332	0.0033	19.0	14.0	10.0	15.0	0.8		24.0	16.0	12.0	20.0	0.8		24.0	17.0	12.5	20.0	0.8	
472	0.0047	19.0	15.0	11.0	15.0	0.8		24.0	16.0	12.5	20.0	0.8		24.0	18.0	13.0	20.0	0.8	
682	0.0068	19.0	16.0	12.0	15.0	0.8		24.0	16.5	12.5	20.0	0.8		24.0	18.0	13.5	20.0	0.8	
		24.0	14.0	10.0	20.0	0.8													
822	0.0082	19.0	17.0	13.0	15.0	0.8		24.0	17.0	13.0	20.0	0.8		24.0	18.5	14.0	20.0	0.8	
103	0.010	24.0	15.0	10.0	20.0	0.8		24.0	18.0	13.0	20.0	0.8		31.0	19.0	14.0	27.5	0.8	
153	0.015	24.0	16.0	11.0	20.0	0.8		31.0	20.0	15.0	27.5	0.8		31.0	18.5	11.0	27.5	0.8	
223	0.022	24.0	18.5	12.0	20.0	0.8		31.0	22.5	17.0	27.5	0.8		31.0	25.0	17.5	27.5	0.8	
333	0.033	31.0	20.5	14.0	27.5	0.8		31.0	25.0	19.0	27.5	0.8							
473	0.047	31.0	24.0	16.0	27.5	0.8		31.0	28.0	20.0	27.5	0.8							
683	0.068	31.0	28.0	17.0	27.5	0.8													
104	0.10	31.0	30.5	18.5	27.5	0.8													



Group of Companies