



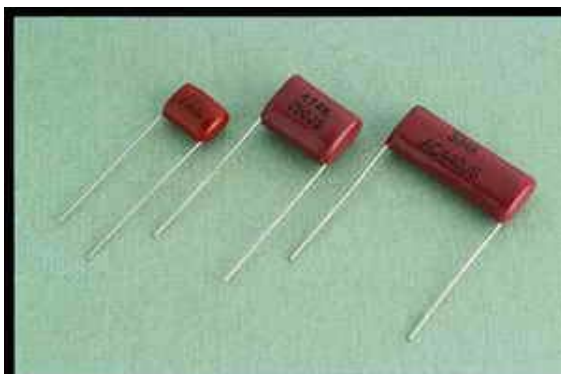
萬保剛電子集團有限公司

MOBICON HOLDINGS LTD.

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JIMSON PPN (CBB13) Polypropylene Film / foil Capacitor (Non-inductive)



FEATURES:

- High stability of capacitance and DF versus temperature and frequency
- High IR
- Non-inductive construction
- 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.
- Widely used in high frequency, high voltage DC and pulse circuits
- Filter and noise suppression circuit

details

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



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REFERENCE STANDARD : IEC384-13;SJ/T10998-1996

CLIMATIC CATALOGUE: 40/85/21

CAPACITANCE VERSUS RATED VOLTAGE (UR):

0.001uF-0.47uF/1000VDC;0.001uF-0.47uF/250VDC

0.001uF-0.33uF/400VDC;0.001uF-0.15uF/630VDC;

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

DISSIPATION FACTOR

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

VOLTAGE PROOF:2.0*Ur(1 minute at 20°C)

INSULATION RESISTANCE: C≤0.10uF IR≥30000MΩ ;

C>0.10uF,IR*C≥3000S

(1 minute at 20°C and RH≤65%)

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

After the test:

ΔC/C≤2%;ΔDF≤0.04%

IR≥50% of the specified value(20°C 1KHz)



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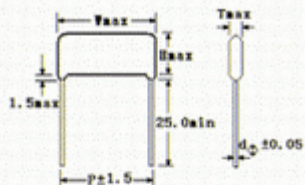
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★OUTLINE DRAWING 外形圖

★PICTURE 實物圖

DIMENSION 尺寸

UNIT 單位:mm

(SPECIAL SIZE OR ITEMS ON REQUEST) 可根據需求制作特殊規格

CAPACITANCE		50/100VDC					250VDC					400VDC					630VDC				
SYMBOL	μF	W	H	T	P	∅	W	H	T	P	∅	W	H	T	P	∅	W	H	T	P	∅
102	0.0099	10.5	30.0	6.0	7.5	0.6	10.5	30.0	6.0	7.5	0.6	30.5	30.0	6.0	7.5	0.6	31.0	31.0	7.0	7.5	0.6
		14.0	9.0	6.0	30.0	0.6	14.0	9.0	6.0	30.0	0.6	14.0	12.0	6.5	10.0	0.6	15.0	12.5	7.0	10.0	0.6
152	0.0015	10.5	30.0	6.0	7.5	0.6	10.5	30.0	6.0	7.5	0.6	30.5	31.0	7.0	7.5	0.6	31.0	31.0	7.0	7.5	0.6
		14.0	9.0	6.0	30.0	0.6	14.0	9.0	6.0	30.0	0.6	14.0	12.0	6.5	10.0	0.6	15.0	12.5	7.0	10.0	0.6
222	0.0022	10.5	30.0	6.0	7.5	0.6	10.5	30.0	6.0	7.5	0.6	31.0	31.0	7.0	7.5	0.6	31.0	31.0	7.0	10.0	0.6
		14.0	9.0	6.0	30.0	0.6	14.0	9.0	6.0	30.0	0.6	14.0	12.0	6.5	10.0	0.6	15.0	12.5	7.0	10.0	0.6
332	0.0033	10.5	30.0	6.0	7.5	0.6	10.5	30.0	6.0	7.5	0.6	31.0	31.0	7.0	10.0	0.6	31.0	31.0	7.0	10.0	0.6
		14.0	9.0	6.0	30.0	0.6	14.0	9.0	6.0	30.0	0.6	14.0	13.0	7.0	10.0	0.6	31.0	31.0	7.0	10.0	0.6
472	0.0047	10.5	30.0	6.0	7.5	0.6	10.5	30.0	6.0	7.5	0.6	31.0	31.0	7.0	10.0	0.6	31.0	31.0	8.0	10.0	0.6
		14.0	9.0	6.0	30.0	0.6	14.0	9.0	6.0	30.0	0.6	14.0	13.0	7.0	10.0	0.6	31.0	31.0	8.0	10.0	0.6
682	0.0068	10.5	11.0	7.0	7.5	0.6	10.5	11.0	7.0	7.5	0.6	31.0	14.0	7.5	10.0	0.6	31.0	14.5	8.5	10.0	0.6
		14.0	9.0	6.0	30.0	0.6	14.0	9.0	6.0	30.0	0.6	14.0	14.0	7.5	10.0	0.6	31.0	14.5	8.5	10.0	0.6
103	0.0099	11.0	11.0	7.0	7.5	0.6	14.0	9.5	6.5	10.0	0.6	31.0	14.0	8.0	10.0	0.6	31.0	15.0	9.0	15.0	0.8
		14.0	9.0	6.0	30.0	0.6	14.0	9.0	6.0	30.0	0.6	31.0	14.0	8.0	10.0	0.6	31.0	15.0	9.0	15.0	0.8
153	0.0015	11.0	11.0	7.0	7.5	0.6	14.0	10.0	7.0	10.0	0.6	31.0	14.0	10.5	15.0	0.8	31.0	15.0	10.0	15.0	0.8
		14.0	9.0	6.0	30.0	0.6	14.0	9.0	6.0	30.0	0.6	31.0	15.0	10.5	15.0	0.8	31.0	15.0	10.0	15.0	0.8
223	0.0022	11.0	12.0	8.0	7.5	0.6	14.0	11.0	8.0	10.0	0.6	31.0	15.0	10.5	15.0	0.8	31.0	16.0	11.0	21.0	0.8
		14.0	10.0	6.0	30.0	0.6	14.0	10.0	6.0	30.0	0.6	31.0	15.0	10.5	15.0	0.8	31.0	16.0	11.0	21.0	0.8
333	0.0033	14.0	30.5	7.0	10.0	0.6	14.0	12.5	9.5	10.0	0.6	31.0	17.5	11.5	15.0	0.8	31.0	18.0	12.5	21.0	0.8
		14.0	30.5	7.0	10.0	0.6	14.0	12.5	9.5	10.0	0.6	31.0	17.5	11.5	15.0	0.8	31.0	18.0	12.5	21.0	0.8
473	0.0047	14.0	11.0	7.5	10.0	0.8	19.0	13.0	9.0	15.0	0.8	31.0	18.0	12.5	15.0	0.8	31.0	20.0	14.0	21.0	0.8
		19.0	12.5	8.0	15.0	0.8	19.0	13.0	9.0	15.0	0.8	31.0	18.0	12.5	15.0	0.8	31.0	20.0	14.0	21.0	0.8
683	0.0068	19.0	12.5	8.0	15.0	0.8	19.0	13.0	9.0	15.0	0.8	31.0	18.0	12.5	15.0	0.8	31.0	20.0	14.0	21.0	0.8
		19.0	12.5	8.0	15.0	0.8	19.0	13.0	9.0	15.0	0.8	31.0	18.0	12.5	15.0	0.8	31.0	20.0	14.0	21.0	0.8
104	0.0099	19.0	11.0	8.5	15.0	0.8	25.0	18.0	11.0	22.5	0.8	31.0	20.0	15.0	21.0	0.8	31.0	26.0	16.5	27.5	0.8
		19.0	11.0	8.5	15.0	0.8	25.0	18.0	11.0	22.5	0.8	31.0	20.0	15.0	21.0	0.8	31.0	26.0	16.5	27.5	0.8
154	0.0015	25.0	15.0	8.5	22.5	0.8	25.0	17.0	12.5	22.5	0.8	31.0	24.5	16.5	27.5	0.8	31.0	28.0	18.0	27.5	0.8
		25.0	15.0	8.5	22.5	0.8	25.0	17.0	12.5	22.5	0.8	31.0	24.5	16.5	27.5	0.8	31.0	28.0	18.0	27.5	0.8
224	0.0022	25.0	17.0	9.5	22.5	0.8	31.0	20.0	13.5	27.5	0.8	31.0	26.0	17.5	27.5	0.8					
		25.0	17.0	9.5	22.5	0.8	31.0	20.0	13.5	27.5	0.8	31.0	26.0	17.5	27.5	0.8					
334	0.0033	31.0	18.0	12.0	27.5	0.8	31.0	22.0	15.0	27.5	0.8	31.0	21.0	9.0	27.5	0.8					
		31.0	18.0	12.0	27.5	0.8	31.0	22.0	15.0	27.5	0.8	31.0	21.0	9.0	27.5	0.8					
474	0.0047	31.0	23.0	14.0	27.5	0.8	31.0	25.0	17.0	27.5	0.8										
		31.0	23.0	14.0	27.5	0.8	31.0	25.0	17.0	27.5	0.8										



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