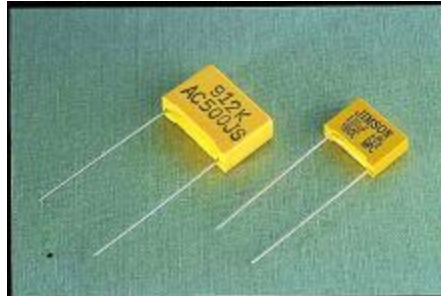


## MEC SERIES CAPACITOR (CL23)



### 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

### SPECIFICATIONS:

※DIELECTRIC: Polypropylene film

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

※COATING: Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL 94V-0

※LEADS: Radial leads of tinned wire

※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.

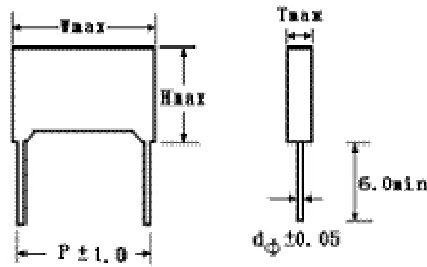
After the test:

ΔC/C≤2%; ΔDF≤0.04%

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

## ★OUTLINE DRAWING 外形图

## ★PICTURE 实物图



## ★DIMENSION 尺寸

UNIT 单位: mm

Capacitance		100VDC					250VDC					400VDC					630VDC				
Symbol	μF	W	H	T	P	dΦ	W	H	T	P	dΦ	W	H	T	P	dΦ	W	H	T	P	dΦ
100	0.0010	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6
150	0.0015	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6
220	0.0022	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6
330	0.0033	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6
470	0.0047	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6	16.5	9.0	4.0	7.5	0.6
680	0.0068	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6
100	0.010	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6
150	0.015	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6
220	0.022	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6
330	0.033	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6
470	0.047	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6
680	0.068	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6	18.0	9.0	4.0	10.0	0.6
100	0.10	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6
150	0.15	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6
220	0.22	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6
330	0.33	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6
470	0.47	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6
680	0.68	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6	18.0	12.0	6.0	10.0	0.6
100	1.0	26.5	18.0	10.0	12.5	0.8	26.5	18.0	10.0	12.5	0.8	26.5	18.0	10.0	12.5	0.8	26.5	18.0	10.0	12.5	0.8
150	1.5	32.0	20.0	11.0	17.5	0.8	32.0	20.0	11.0	17.5	0.8	32.0	20.0	11.0	17.5	0.8	32.0	20.0	11.0	17.5	0.8
220	2.2	32.0	20.0	11.0	17.5	0.8	32.0	20.0	11.0	17.5	0.8	32.0	20.0	11.0	17.5	0.8	32.0	20.0	11.0	17.5	0.8

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