



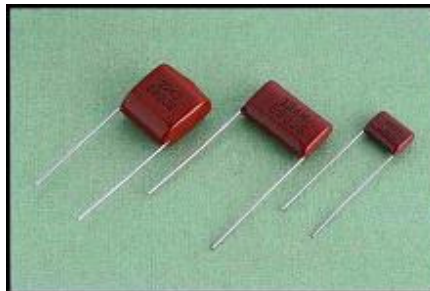
## PRODUCTS

- MKP(X2)
- MAC(CBB61)
- [MEF\(CL21\)](#)
- MET(CL20)
- MEA(CL20)
- MEC(CL23)
- MEM(CL21X)
- MPP(CBB21)
- MPT(CBB20)
- MPA(CBB20)
- MPC(CBB23)
- PEI(CL11)
- PEN(CL12)
- PPN(CBB13)
- PPS(CBB81)
- MEB(CL23X)
- MXY
- RC

**ISO 9001**  
**ISO 14001**

## PRODUCTS

### MEF(CL21)



#### FEATURES:

- Wide capacitance range, small size and light weight
- Non-inductive construction
- Long life due to self-healing effect
- High reliability and superior performance in high frequency application

#### APPLICATIONS:

- Widely used in filter and noise suppression circuit
- Pulse, logic and timing circuit
- Suitable for blocking, by-passing and coupling of D.C and signals to VHF range

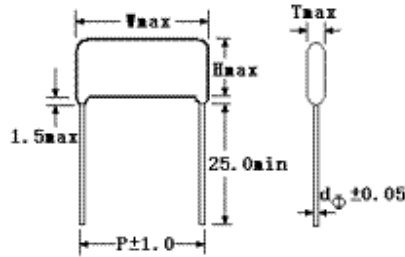
#### SPECIFICATIONS:

- DIELECTRIC: Polyester film
- ELECTRODES: Vacuum evaporated metal
- COATING: Epoxy resin coating
- LEADS: Radial leads of tinned wire
- REFERENCE
- STANDARD : IEC384-2 grade 1; SJ/T10787-1996
- CLIMATIC
- CATALOGUE: 40/85/21 (From 85°C up to 105°C with derating voltage 1.25%/°C)
- CAPACITANCE
- VERSUS RATED
- VOLTAGE (UR): 0.001uF-10.0uF/100VDC; 0.001uF-10.0uF/250VDC;  
0.001uF-4.7uF/400VDC; 0.001uF-4.7uF/630VDC;
- CAPACITANCE
- TOLERANCE: M=±20% K=±10% J=±5%
- DISSIPATION FACTOR
- (TANGENT OF LOSS): C≤1.0uF DF≤0.8% C>1.0uF DF≤1.0% (at 20°C, 1KHz)
- VOLTAGE PROOF: 1.6\*Ur (5S at 20°C)
- INSULATION RESISTANCE: C≤0.33uF IR≥15000MΩ ;

C>0.33uF IR\*C≥3000S (1 minute at 20°C and RH≤65%)  
 □ENDURANCE: 1000hours with 125% of rated voltage at 85°C.  
 After the test:  
 ΔC/C≤8%;ΔDF≤0.30%(C>1uF);  
 ΔDF≤0.50%(C≤1uF)  
 IR≥50% of the specified value(20°C 1KHz)

★OUTLINE DRAWING 外观图

★ PICTURE 实物图



★DIMENSIONS 尺寸

UNIT 单位:mm

CAPACITANCE SYMBOL	μF	100VDC					250VDC					400VDC					630VDC				
		W	H	T	P	±c	W	H	T	P	±c	W	H	T	P	±c	W	H	T	P	±c
102	0.001	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	5.0	10.0	0.6
222	0.0022	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	5.0	10.0	0.6
472	0.0047	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	5.0	10.0	0.6
822	0.0082	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	5.0	10.0	0.6
103	0.010	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	6.0	10.0	0.6
153	0.015	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	6.0	10.0	0.6
223	0.022	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	6.0	10.0	0.6
333	0.033	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	6.0	10.0	0.6	12.0	11.0	6.0	10.0	0.6
473	0.047	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	10.0	6.0	10.0	0.6	17.0	10.0	6.0	15.0	0.8
683	0.068	12.0	9.0	5.0	10.0	0.6	12.0	9.0	5.0	10.0	0.6	12.0	12.0	7.0	10.0	0.6	17.0	11.0	7.0	15.0	0.8
104	0.10	12.0	9.0	5.0	10.0	0.6	12.0	10.0	5.5	10.0	0.6	17.0	11.0	6.0	15.0	0.8	17.0	14.0	9.0	15.0	0.8
154	0.15	12.0	10.0	7.0	10.0	0.6	12.0	12.0	7.0	10.0	0.6	17.0	13.0	7.0	15.0	0.8	23.0	13.0	8.0	20.0	0.8
224	0.22	12.0	12.0	8.0	10.0	0.6	12.0	13.0	8.5	10.0	0.6	17.0	15.0	9.0	15.0	0.8	23.0	15.0	9.0	20.0	0.8
334	0.33	12.0	13.0	8.0	10.0	0.6	17.0	13.0	7.0	15.0	0.8	17.0	16.0	10.0	15.0	0.8	23.0	18.0	12.0	20.0	0.8
474	0.47	12.0	13.0	8.0	10.0	0.6	17.0	15.0	9.0	15.0	0.8	23.0	11.0	7.0	20.0	0.8	30.0	17.0	10.0	27.5	0.8
684	0.68	17.0	12.0	7.0	15.0	0.8	17.0	14.0	9.0	15.0	0.8	23.0	18.0	10.0	20.0	0.8	30.0	22.0	13.0	27.5	0.8
105	1.0	17.0	15.0	8.5	15.0	0.8	17.0	17.0	10.0	15.0	0.8	24.0	20.0	13.0	22.5	0.8	31.0	25.5	15.5	27.5	0.8
155	1.5	17.0	16.0	9.0	15.0	0.8	23.0	14.0	9.0	20.0	0.8	24.0	16.0	9.0	22.5	0.8	30.0	20.0	11.0	27.5	0.8
225	2.2	18.0	17.0	11.0	15.0	0.8	23.0	15.0	10.0	20.0	0.8	23.0	17.0	12.0	20.0	0.8	31.0	33.0	21.0	27.5	0.8
335	3.3	24.0	18.0	12.0	22.5	0.8	30.0	23.0	14.0	27.5	0.8	31.0	26.0	16.0	27.5	0.8	36.0	31.0	21.0	31.5	0.8
475	4.7	30.0	22.0	13.0	27.5	0.8	30.0	25.0	16.0	27.5	0.8	31.0	29.0	19.0	27.5	0.8	43.0	32.0	24.5	41.5	0.8
685	6.8	30.0	23.5	15.5	27.5	0.8	43.0	20.0	15.0	41.5	0.8										
106	10.0	31.0	25.5	20.0	27.5	0.8	43.0	24.0	19.0	41.5	0.8										

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

[CLOSE]

Address: NO. 15 Xianhong Rd. Xiang'an Torch Development Zone, Xianmen China  
Tel: 86-592-3193939 Fax: 86-592-6030350 E-mail: jimson@winmail.cn