



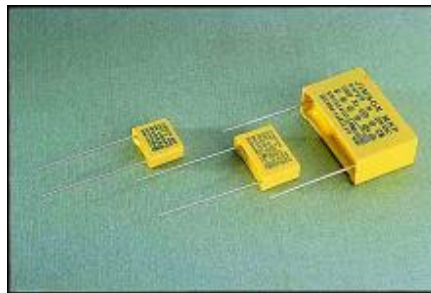
## PRODUCTS

- 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

### MKP(X2)



#### FEATURES:

- High stability of capacitance and DF versus wide temperature and frequency range
- High electricity endurance and high insulation
- Real long-term stability
- Withstanding over-voltage strength

#### APPLICATION:

- line-By-Pass and Antenna coupling
- Across-the-line ,spark killer
- FMfilter
- Switching power supply

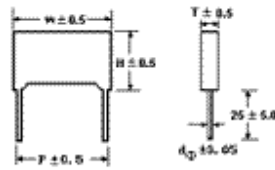
#### SPECIFICATIONS:

- DIELECTRIC: Polypropylene film
  - ELECTRODES: Vacuum evaporated metal
  - COATING: Encapsulated in reinforced flame retardant plastic case sealed with epoxy resin meeting the requirement of UL94V-0
  - LEADS: Radial leads of tinned wire/insulation flexible wire
  - REFERENCE
- STANDARD : IEC 60384-14(3rd Edition,2005)UL1414,UL1283,GB/T14472-1998,EN60384-14
- CLIMATIC
- CATALOGUE: 40/100/21(GMF)
- CAPACITANCE
- VERSUS RATED
- VOLTAGE (UR): 0.001UF-2.2UF/275VAC(50/60HZ)
- CAPACITANCE
- TOLERANCE: M=±20% K=±10% J=±5%
- DISSIPATION FACTOR
- (TANGENT OF LOSS): ≤0.1%(PP) ( at 20□,1KHz )

- VOLTAGE PROOF:  $4.3 \times U_r$  Unit : VDC (1 minute at 20□)
- INSULATION RESISTANCE:  $C \leq 0.33 \mu F$   $IR \geq 15,000 M\Omega$  ;  
 $C > 0.33 \mu F$   $IR \cdot C \geq 5,000 S$  (1 minute at 20□ and  $RH \leq 65\%$ )
- ENDURANCE: The test voltage 125% shall be applied for 1000 hours in the 85□ chamber. Each of these voltage shall be applied to each capacitor individually through a resistor of  $47 \Omega \pm 5\%$ , during this period, 1000VAC 60Hz for 0.1sec be applied once each hour. After the test:  
 $\Delta C/C \leq 10\%$ ;  $IR \geq 50\%$  of the specified value  
 $\Delta DF \leq 0.8\%$  ( $C \leq 1 \mu F$ );  
 $\Delta DF \leq 0.5\%$  ( $C > 1 \mu F$ ); (at 20□ 1KHz)

★ OUTLINE DRAWING 外观图

★ PICTURE 实物图



NOTE:  $p \geq 27.5$   $p \pm 0.8$

★ DIMENSION

单位 Unit:mm

symbol	μF	W	H	T	P	φ	symbol	μF	W	H	T	P	φ	symbol	μF	W	H	T	P	φ
102	0.001	13.0	9.0	4.0	10.0	0.6	393	0.039	18.0	10.0	5.0	15.0	0.8	334	0.33	26.5	17.0	8.5	22.5	0.8
122	0.0012	13.0	9.0	4.0	10.0	0.6	473	0.047	13.0	12.0	6.0	10.0	0.6	394	0.39	26.5	18.0	10.0	22.5	0.8
152	0.0015	13.0	9.0	4.0	10.0	0.6	475	0.047	18.0	10.0	5.0	15.0	0.6	474	0.47	18.0	16.0	10.0	15.0	0.8
182	0.0018	13.0	9.0	4.0	10.0	0.6	563	0.056	18.0	12.0	6.0	15.0	0.6	474	0.47	18.0	18.0	10.0	15.0	0.8
222	0.0022	13.0	9.0	4.0	10.0	0.6	683	0.068	18.0	12.0	6.0	15.0	0.6	474	0.47	26.5	17.0	8.5	22.5	0.8
272	0.0027	13.0	9.0	4.0	10.0	0.6	823	0.082	18.0	12.0	6.0	15.0	0.6	474	0.47	26.5	18.0	10.0	22.5	0.8
332	0.0033	13.0	11.0	5.0	10.0	0.6	104	0.10	13.0	12.0	6.0	10.0	0.6	474	0.47	32.0	20.0	11.0	27.5	0.8
392	0.0039	13.0	11.0	5.0	10.0	0.6	104	0.10	18.0	12.0	6.0	15.0	0.6	564	0.56	32.0	20.0	11.0	27.5	0.8
472	0.0047	13.0	11.0	5.0	10.0	0.6	104	0.10	18.0	13.5	7.5	15.0	0.8	684	0.68	26.5	18.0	10.0	22.5	0.8
562	0.0056	13.0	11.0	5.0	10.0	0.6	124	0.12	18.0	13.5	7.5	15.0	0.8	684	0.68	32.0	20.0	11.0	27.5	0.8
682	0.0068	13.0	11.0	5.0	10.0	0.6	154	0.15	18.0	12.0	6.0	15.0	0.8	824	0.82	32.0	22.0	13.0	27.5	0.8
822	0.0082	13.0	11.0	5.0	10.0	0.6	154	0.15	18.0	13.5	7.5	15.0	0.8	105	1.0	26.0	21.5	12.0	22.5	0.8
103	0.010	13.0	9.0	4.0	10.0	0.6	154	0.15	18.0	14.5	8.5	15.0	0.8	105	1.0	32.0	20.0	11.0	27.5	0.8
103	0.010	13.0	11.0	5.0	10.0	0.6	154	0.15	26.5	15.0	6.0	22.5	0.8	105	1.0	32.0	22.0	13.0	27.5	0.8
123	0.012	13.0	11.0	5.0	10.0	0.6	184	0.18	18.0	14.5	8.5	15.0	0.8	125	1.2	32.0	30.0	15.0	27.5	0.8
153	0.015	13.0	11.0	5.0	10.0	0.6	224	0.22	18.0	12.0	6.0	15.0	0.8	155	1.5	32.0	30.0	15.0	27.5	0.8
183	0.018	13.0	11.0	5.0	10.0	0.6	224	0.22	18.0	14.5	8.5	15.0	0.8	185	1.8	31.0	31.0	18.0	27.5	0.8
223	0.022	13.0	11.0	5.0	10.0	0.6	224	0.22	26.5	15.0	6.0	22.5	0.8	225	2.2	32.0	30.0	15.0	27.5	0.8
273	0.027	18.0	10.0	5.0	15.0	0.6	224	0.22	26.5	16.5	7.0	22.5	0.8	225	2.2	31.0	31.0	18.0	27.5	0.8
273	0.027	13.0	12.0	6.0	10.0	0.6	274	0.27	26.5	17.0	8.5	22.5	0.8	225	2.2	41.0	32.5	17.5	37.5	1.0
333	0.033	13.0	12.0	6.0	10.0	0.6	334	0.33	18.0	16.0	10.0	15.0	0.8							
333	0.033	18.0	10.0	5.0	15.0	0.6	334	0.33	26.5	16.5	7.0	22.5	0.8							

(SPECIAL SIZE OR ITEMS ON REQUES 可依需求制作)

★ SPECIFICAT 认证通过文件及引用标准

Sweden 瑞典 SS4430414 (EN132400-1994/IEC 384-14)	614203
Norway 挪威 NEMKO 132/85(IEC 384/14-93)	P06207206
DENMARK 丹麦 staerkstregl 1962/21(IEC 384/14-93)	314078-01
FILAND 芬兰 IEC 384/14-93	23012
IEC 384-14-93 +AM1:95	DE1-35344
SWITZERLAND 瑞士 SEV 1055/1978(IEC 60384-14-93)	06.0744

欧共体 VDE565 Teil 1/12.79	40000463
USA 美国/CSA 加拿大 UL1414	E152288 (N)
GERMANY 德国 VDE 565 Teil 1/12.79	40000463
CANADA 加拿大 C22.2 No.1-1994	LR108534-1
CHINA 中国 CQC GB/T14472-93	CQC 03001002847
USA 美国/CSA 加拿大 UL1283	E221606

[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