寶華精密電子有限公司
PRODUCTWELL PRECISION ELECT.CO.,LTD

Film Capacitor Part Number System

MF	105	K	2E	A	1	T	S	XX
Type	Capacitance	Tolerance	Rated Voltage	Pitch	Lead Length	Package	Customer	Internal Code
MF=MEF	$150=15\times10^{0}=15PF$	J=±5%	1H=50V	A=3.5mm	1=25mm(reference)	T=Tape	S=Special assign	
MY=PEI	$101=10\times10^{1}=100PF$	K=±10%	2A=100V	B=4mm	5=5.0mm	B=Bulk		
PN=PPN	$332=33\times10^{2}=3300PF$	M=±20%	2G=400V	C=4.5mm	7=7.0mm	X=Strap		
MP=MPP	$473=47\times10^{3}=47000PF$	Z=+80-20%	2 J=630V	D=5.0mm	9=9.0mm			
PS=PPS	$104=10\times10^{4}=0.1uF$		3A=1KV	E=6mm	0=10mm			
				F=6.5mm				
				G=7mm				
				H=7.5mm				
				I =8mm				
				J =9mm				
				K=10mm				
				L =15mm				
				M=20mm				
				N=22.5mm				
				O=27.5mm				
				P=31.5mm				
				Q=44.5mm				

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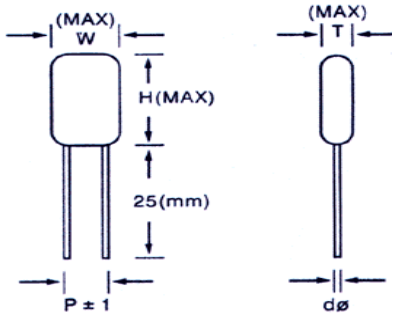
Type： Polyester

Inductive , Epoxy Coated

1. The leads are electrically welded to electrodes .
2. High density thermosetting epoxy resin enhance mechanical strength and humidity resistance.
3. High stability and reliability .
4. Widely used in computer equipment such as television sets, radio, tape-recorders and stereophonic apparatuses.
5. The cost is low.

Specifications：

Operating Temperature	-40~+85℃
Rated Voltage	50,100, 400, 630. VDC
Capacitance Range	0.001~0.47 μ F
Dielectric Strength	250% of rated voltage for 5 sec.
Capacitance Tolerance	±5%(J) ±10%(K)
Insulation Resistance	30,000 MΩ min at 25℃
Dissipation Factor	1% MAX . at 1KHZ



Unit:mm

Capacitor	1H(50VDC)2A(100VDC)					2E(250VDC)					2G(400VDC)					2J(630VDC)				
μF	W	H	T	P	d ¢	W	H	T	P	d ¢	W	H	T	P	d ¢	W	H	T	P	d ¢
0.001	6.0	10.0	3.5	3.5	0.5	6.0	10.0	3.5	3.5	0.5	6.0	10.0	3.5	3.5	0.5	7.0	10.0	3.5	4.0	0.5
0.0015	6.0	10.0	3.5	3.5	0.5	6.0	10.0	3.5	3.5	0.5	6.0	10.0	3.5	3.5	0.5	7.0	10.0	3.5	4.0	0.5
0.0022	6.0	10.0	3.5	3.5	0.5	6.0	10.0	3.5	3.5	0.5	6.0	10.0	3.5	3.5	0.5	7.0	10.0	4.0	4.0	0.5
0.0033	6.0	10.0	3.5	3.5	0.5	6.0	10.0	3.5	3.5	0.5	6.0	10.0	3.5	3.5	0.5	7.0	12.0	4.0	4.0	0.5
0.0047	7.0	10.0	4.0	4.0	0.5	7.0	10.0	4.0	4.0	0.5	7.0	10.0	4.0	4.0	0.5	8.0	12.0	4.0	5.0	0.5
0.0056	7.0	10.0	4.0	4.0	0.5	7.0	10.0	4.0	4.0	0.5	7.0	10.0	4.0	4.0	0.5	8.5	12.0	4.0	5.0	0.5
0.0068	7.0	10.0	4.0	4.0	0.5	7.0	10.0	4.0	4.0	0.5	7.0	10.0	4.0	4.0	0.5	8.5	12.0	4.5	5.0	0.5
0.0082	7.0	10.0	4.0	4.0	0.5	7.0	10.0	4.0	4.0	0.5	7.0	10.0	4.0	4.0	0.5	9.0	12.0	4.5	5.0	0.5
0.01	7.0	10.0	4.0	4.5	0.5	7.0	10.0	4.0	4.5	0.5	7.0	10.0	4.0	4.5	0.5	9.0	12.0	4.5	5.0	0.5
0.015	7.0	11.0	4.0	5.0	0.6	7.0	11.0	4.0	5.0	0.6	8.0	12.0	5.0	5.0	0.6	9.0	13.0	5.0	5.0	0.6
0.022	7.5	11.0	4.0	5.0	0.6	7.5	11.0	4.0	5.0	0.6	8.5	12.0	5.0	6.0	0.6	9.0	13.0	5.0	6.0	0.6
0.033	8.0	12.0	4.5	6.0	0.6	8.0	12.0	4.5	6.0	0.6	9.0	13.0	5.0	6.5	0.6	9.0	13.0	5.0	6.5	0.6
0.047	8.5	12.0	4.5	6.0	0.6	9.0	12.0	5.0	6.0	0.6	11.0	13.0	6.0	7.0	0.6	11.0	13.0	6.0	7.0	0.6
0.056	8.5	12.0	4.5	6.0	0.6	9.0	12.0	5.5	6.0	0.6	11.5	13.0	6.5	7.0	0.6	11.5	13.0	6.5	7.0	0.6
0.068	8.5	12.0	4.5	6.0	0.6	10.0	12.0	6.0	6.0	0.6	12.0	13.0	7.0	7.0	0.6	12.0	13.0	7.0	7.0	0.6
0.082	9.0	13.0	5.0	6.5	0.6	11.0	13.0	6.5	7.0	0.6	13.0	13.0	8.0	7.5	0.6	13.0	13.0	8.0	7.5	0.6
0.1	10.0	13.0	5.0	7.0	0.6	11.0	13.0	7.0	7.0	0.6	14.0	14.0	9.0	7.5	0.6	14.0	15.0	9.0	7.5	0.6
0.15	11.0	13.0	6.0	7.5	0.6															
0.22	12.0	13.0	7.0	7.5	0.8															
0.33	14.0	16.0	7.0	10.0	0.8															
0.47	15.0	16.0	8.5	10.0	0.8															

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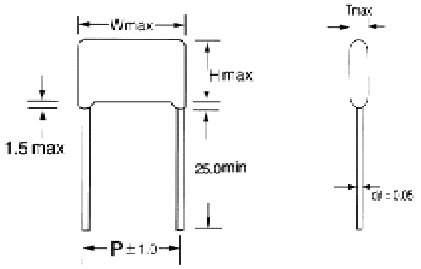
Type： Metalized Polyester

Epoxy Dip Coated Radial Leads

1. Self healing characteristics .
2. Miniature size, light in weight .
3. High stability of temperature vs. cap. And tan δ
4. High density thermosetting epoxy resin enhance mechanical strength and humidity resistance.
5. Excellent result obtained from use in coupling , by pass , R.F. fitering and solidstate application , where dimension is critical .

Specifications：

Operating Temperature	-40~+85℃
Rated Voltage	100, 250, 400, 630 VDC.
Capacitance Rance	0.01~10 μ F
Dielectric Strength	175% of rated voltage for 5 sec.
Capacitance Tolerance	±5%(J) ±10%(K)
Insulation Resistance	C≦ 0.33 μ F R≧ 30,000 MΩ
	C＞ 0.33 μ F RC≧ 10,000 MΩ · μ F
Dissipation Factor	1% max . at 1KHZ



Unit:mm

Capacitor	2A(100VDC)					2E(250VDC)					2G(400VDC)					2J(630VDC)				
μF	W	H	T	P	d ¢	W	H	T	P	d ¢	W	H	T	P	d ¢	W	H	T	P	d ¢
0.01	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6
0.015	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6
0.022	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6	12.5	9.5	6.0	10.0	0.6
0.033	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6	12.5	9.5	6.5	10.0	0.6	17.5	9.5	6.0	15.0	0.6
0.047	12.5	8.5	6.0	10.0	0.6	12.5	8.5	6.0	10.0	0.6	12.5	10.5	6.5	10.0	0.6	17.5	10.0	7.0	15.0	0.6
0.068	12.5	9.5	6.0	10.0	0.6	12.5	9.5	6.0	10.0	0.6	12.5	11.5	7.0	10.0	0.6	17.5	11.0	7.5	15.0	0.6
0.1	12.5	9.5	6.0	10.0	0.6	12.5	9.5	6.0	10.0	0.6	17.5	10.0	6.0	15.0	0.6	17.5	13.0	8.0	15.0	0.6
0.15	12.5	10.5	7.0	10.0	0.6	12.5	10.5	7.0	10.0	0.6	17.5	12.0	7.5	15.0	0.6	17.5	15.0	10.0	15.0	0.8
0.22	12.5	10.5	7.0	10.0	0.6	17.5	11.5	7.0	15.0	0.6	17.5	14.5	8.5	15.0	0.8	23.0	15.0	10.5	20.0	0.8
0.33	12.5	12.0	8.5	10.0	0.6	17.5	12.0	7.0	15.0	0.6	17.5	15.5	9.5	15.0	0.8	23.0	17.0	11.0	20.0	0.8
0.47	12.5	13.0	9.5	10.0	0.6	17.5	15.0	8.5	15.0	0.8	23.0	16.5	10.0	20.0	0.8	29.5	20.0	11.0	27.5	0.8
0.68	17.5	13.0	8.0	15.0	0.6	23.0	12.5	8.0	20.0	0.8	29.5	16.5	10.0	27.5	0.8	29.5	21.5	12.0	27.5	0.8
1.0	17.5	14.5	8.5	15.0	0.6	23.0	16.0	9.0	20.0	0.8	29.5	20.5	11.0	27.5	0.8	29.5	26.5	17.0	27.5	0.8
1.5	17.5	17.0	11.5	15.0	0.8	23.0	21.0	12.5	20.0	0.8	29.5	22.0	12.0	27.5	0.8	33.0	26.0	20.0	30.0	0.8
2.2	23.0	20.0	10.5	20.0	0.8	29.5	21.0	12.0	27.5	0.8	33.0	24.0	18.0	30.0	0.8					
3.3	23.0	21.5	11.0	20.0	0.8	29.5	22.0	15.0	27.5	0.8	33.0	26.0	20.0	30.0	0.8					
4.7	29.5	21.5	12.0	27.5	0.8	33.0	23.0	16.0	30.0	0.8										
6.8	29.5	23.0	15.0	27.5	0.8	33.0	26.0	20.0	30.0	0.8										
10.0	29.5	24.0	21.0	27.5	0.8															