

250 Volt d.c.		Price Each				
µF	Order Code	1+	50+	100+	500+	+
0.033	389-1173	26.00	18.00	17.00	15.00	--
0.068	389-1197	36.00	24.00	22.00	21.00	--
0.10	389-1203	44.00	30.00	27.00	24.00	--
0.22	389-1215	62.00	42.00	40.00	35.00	--

400 Volt d.c.		Dimensions					Order Code
µF		H	W	D	Lead Dia.	Lead Pitch	
0.01		9	13	4	0.6	10	389-1227
0.015		9	13	4	0.6	10	389-1239
0.022		9	13	4	0.6	10	389-1240
0.033		9	13	4	0.6	10	389-1252
0.047		10.5	13	4.5	0.6	10	389-1264
0.10		12.5	18	6.5	0.8	15	389-1288

400 Volt d.c.		Price Each				
µF	Order Code	1+	50+	100+	500+	+
0.01	389-1227	25.00	18.00	16.00	13.00	--
0.015	389-1239	24.00	17.00	15.00	13.00	--
0.022	389-1240	27.00	19.00	17.00	14.00	--
0.033	389-1252	34.00	22.00	22.00	20.00	--
0.047	389-1264	40.00	27.00	25.00	21.00	--
0.10	389-1288	67.00	46.00	43.00	35.00	--

Polypropylene

A very low loss dielectric with high dielectric strength, high insulation resistance and a negative temperature coefficient. It has excellent high frequency performance and will withstand high voltage, fast rise time pulses. Suitable for tuned circuits, filter networks, timing networks, stable oscillator circuits, resonant circuits and other high performance pulse handling applications.

FKP2 Series



- Polypropylene film and foil
- Flame retardant plastic case **UL94V-0**
- Resin end seal and stand off feet

Lead length=6, Lead dia.=0.5, Lead pitch=5

Operating temperature	-55°C to +85°C	Tolerance	±5%
Insulation resistance@20°C	50000MΩ	Power factor @ 1kHz, 20°C	0.0003 for C ≤ 1000pF
Temperature coefficient	-200ppm/°C		0.0004 for C ≥ 1000pF
Climate category	55/85/56		

N.B. For ease of selection, capacitance value is listed in both **pF** and **nF**.

63 Volt d.c (40 Volt a.c.)		Dimensions			Order Code
pF	nF	H	W	D	
3300	3.3	6	7.2	4.5	100-5985
4700	4.7	6	7.2	5.5	100-5987
6800	6.8	6	7.2	5.5	100-5989
10000	10	7	7.2	6.5	100-5977

63 Volt d.c.		Price Each				
pF	Order Code	5+	50+	100+	1K+	+
3300	100-5985	24.00	18.00	14.00	8.00	--
4700	100-5987	24.00	18.00	13.00	8.00	--
6800	100-5989	26.00	19.00	14.00	10.00	--
10000	100-5977	27.00	20.00	15.00	10.00	--

100 Volt d.c (63 Volt a.c.)		Dimensions			Order Code
pF	nF	H	W	D	
1000	1	6	7.2	4.5	100-5978
1500	1.5	6	7.2	4.5	100-5980
2200	2.2	6	7.2	4.5	100-5982
100	0.1	6	7.2	4.5	100-5979
150	0.15	6	7.2	4.5	100-5981
220	0.22	6	7.2	4.5	100-5983
330	0.33	6	7.2	4.5	100-5986
470	0.47	6	7.2	4.5	100-5988
680	0.68	6	7.2	4.5	100-5990

100 Volt d.c.		Price Each				
pF	Order Code	5+	50+	100+	1K+	+
1000	100-5978	24.00	18.00	13.00	8.00	--
1500	100-5980	24.00	18.00	13.00	8.00	--
2200	100-5982	24.00	18.00	13.00	8.00	--
100	100-5979	25.00	19.00	14.00	9.00	--
150	100-5981	25.00	19.00	14.00	9.00	--
220	100-5983	25.00	19.00	14.00	9.00	--
330	100-5986	25.00	19.00	14.00	9.00	--
470	100-5988	25.00	19.00	14.00	9.00	--
680	100-5990	26.00	19.00	14.00	9.00	--

MKP 1837 – Precision Film



- Precision metallised polypropylene film
- 5mm box
- Flame retardant case to **UL94V-0**

Operating temperature	-55°C to +100°C	Voltage Rating	160V dc
IEC test classification	55/100/56	Permissible AC voltage	100V ac
Capacitance tolerance	±1%	Lead Pitch	55/100/56

µF	Dimensions			Mfrs. List No.	Order Code
	H	W	L		
0.01	5.5	7	7.5	MKP1837-310-161-G	116-6881
0.015	5.5	7	7.5	MKP1837-315-161-G	116-6882
0.022	5.5	7	7.5	MKP1837-322-161-G	116-6883
0.033	7.5	9	7.5	MKP1837-333-161-G	116-6884
0.047	7.5	9	7.5	MKP1837-347-161-G	116-6885
0.068	7.5	9	7.5	MKP1837-368-161-G	116-6886
0.1	9	11	7.5	MKP1837-410-161-G	116-6887

		Price Each				
µF	Order Code	1+	50+	100+	500+	+
0.01	116-6881	74.00	69.00	63.00	48.00	--
0.015	116-6882	78.00	73.00	68.00	51.00	--
0.022	116-6883	79.00	73.00	68.00	51.00	--
0.033	116-6884	98.00	90.00	83.00	62.00	--
0.047	116-6885	84.00	77.00	72.00	54.00	--
0.068	116-6886	68.00	64.00	60.00	51.00	--
0.1	116-6887	87.00	81.00	76.00	65.00	--

MKP-B32652/3 Series



- High performance wound metallised polypropylene film capacitors
- Flame retardant case to **UL94V-0**
- TV S-correction, flyback and electronic ballast circuit applications

Operating temperature	-55°C to +100°C
Climatic category	55/100/56
Tolerance	±10%
Service life	200000 hours

Lead dia.=0.8

Capacitance µF	Voltage		Dimensions			Lead Pitch	Mfrs. List No.	Order Code
	V (d.c.)	V (a.c.)	H	W	D			
0.001	2000	700	10.5	18	5.0	15	B32652A2102K	975-1254
0.0022	2000	700	12.5	18	7.0	15	B32652A2222K	975-1262
0.0047	2000	700	17.5	18	9.0	15	B32652A2472K	975-1270
0.01	1600	500	15	26.5	6.0	22.5	B32653A1103K	975-1289
0.022	1250	500	15	26.5	6.0	22.5	B32653A7223K	975-1297
0.047	1000	250	15	26.5	6.0	22.5	B32653A0473K	975-1300
0.068	1000	250	15	26.5	6.0	22.5	B32653A0683K	975-1319
0.1	630	250	15	26.5	6.0	22.5	B32653A6104K	975-1327
0.22	630	250	16.5	26.5	8.5	22.5	B32653A6224K	975-1335
0.47	630	250	20.5	26.5	11.0	22.5	B32653A6474K	975-1343
0.68	400	200	16.5	26.5	10.5	22.5	B32653A4684K	975-1351

		Price Each			
µF	Order Code	1+	25+	100+	250+
2000 Volt d.c.					
0.001	975-1254	19.00	17.00	15.00	12.00
0.0022	975-1262	22.00	19.00	16.00	13.00
0.0047	975-1270	32.00	29.00	25.00	20.00
1600 Volt d.c.					
0.01	975-1289	38.00	35.00	29.00	24.00
1250 Volt d.c.					
0.022	975-1297	39.00	35.00	30.00	24.00
1000 Volt d.c.					
0.047	975-1300	37.00	33.00	28.00	23.00
0.068	975-1319	42.00	37.00	32.00	25.00
630 Volt d.c.					
0.1	975-1327	33.00	30.00	25.00	20.00
0.22	975-1335	43.00	39.00	33.00	26.00
0.47	975-1343	57.00	52.00	44.00	35.00
400 Volt d.c.					
0.68	975-1351	51.00	46.00	40.00	32.00

2222 378 Series



- High performance AC and pulse metallised polypropylene film capacitors
- Flame retardant polypropylene case
- SMPS and motor control applications

Operating temperature	-55°C to +85°C	Tolerance	±5%
Insulation resistance	100000MΩ	Power factor @10kHz, 20°C	0.02
Climatic category	55/085/56		

Lead dia.=0.8

Capacitors

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Compliant
Non-compliant
+ Limited stock - RoHS replacement available
RoHS