

WIMA Radial Lead Film Capacitors



RoHS Compliant

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MKP4 SERIES METALIZED POLYPROPYLENE FILM CAPACITORS

Specifications:

- Temperature Range: -55°C to +100°C
- Dielectric: Polypropylene film
- Capacitor Electrodes: vacuum-deposited
- Encapsulation: Flame retardant plastic case, UL94V-0

Features:

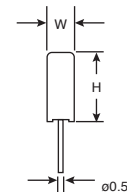
- Self Healing capability
- Very low dissipation factor
- Negative capacitance change versus temperature

Applications:

- Sample and hold
- Timing
- Oscillating circuits
- High frequency coupling and decoupling

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Wima Part No.	Fig.	Volts (Vdc/Vac)	Value (μF)	Tol. ±	Dimensions: in.			Lead Spacing (mm)	Price Each		
						W	H	L		1	10	100
505-MKP4.1/250/10	MKP4F031002D00KSSD	A	250/160	0.1	10%	4.5	9.5	10.3	7.5	.62	.56	.49
505-MKP4.1/250/10P	MKP4F031003C00KSSD	A	250/160	0.1	10%	4	9	13	10	.53	.46	.39
505-MKP4.15/250/10	MKP4F031502E00KSSD	A	250/160	0.15	10%	5	10.5	10.3	7.5	.75	.68	.55
505-MKP4.15/250/10P	MKP4F031503F00KSSD	A	250/160	0.15	10%	5	11	13	10	.62	.56	.49
505-MKP4.22/250/10	MKP4F032203G00KSSD	A	250/160	0.22	10%	6	12.5	13	10	.83	.71	.57
505-MKP4.22/250/10P	MKP4F032204B00KSSD	A	250/160	0.22	10%	5	11	18	15	.83	.76	.67
505-MKP4.33/250/10	MKP4F033304C00KSSD	A	250/160	0.33	10%	6	12.5	18	15	.83	.71	.57
505-MKP4.47/250/10	MKP4F034704D00KSSD	A	250/160	0.47	10%	7	14	18	15	1.15	.96	.79
505-MKP4.68/250/10	MKP4F036804F00KSSD	A	250/160	0.68	10%	8	15	18	15	1.29	1.08	.88
505-MKP4.68/250/10P	MKP4F036805B00KSSD	A	250/160	0.68	10%	6	15	26.5	22.5	1.57	1.31	1.08
505-MKP41.0/250/10	MKP4F041005D00KSSD	A	250/160	1.0	10%	7	16.5	26.5	22.5	2.15	1.80	1.47
505-MKP4.022/400/10	MKP4G022202C00KSSD	A	400/200	0.022	10%	4	9	10	7.5	.45	.38	.31
505-MKP4.022/400/10P	MKP4G022203C00KSSD	A	400/200	0.022	10%	4	9	13	10	.45	.38	.31
505-MKP4.033/400/10	MKP4G023302C00KSSD	A	400/200	0.033	10%	4.5	9.5	10.3	7.5	.50	.43	.36
505-MKP4.033/400/10P	MKP4G023303C00KSSD	A	400/200	0.033	10%	4	9	13	10	.49	.42	.35
505-MKP4.047/400/10	MKP4G024702E00KSSD	A	400/200	0.047	10%	5	10.5	10.3	7.5	.58	.51	.45
505-MKP4.047/400/10P	MKP4G024703C00KSSD	A	400/200	0.047	10%	4	9	13	10	.65	.56	.46
505-MKP4.068/400/10	MKP4G026802F00KSSD	A	400/200	0.068	10%	5.7	12.5	10.3	7.5	.69	.61	.53
505-MKP4.068/400/10P	MKP4G026803F00KSSD	A	400/200	0.068	10%	5	11	13	10	.54	.47	.40
505-MKP4.01/630/10	MKP4J0221002B00KSSD	A	630/280	0.01	10%	3	8.5	10	7.5	.45	.38	.31
505-MKP4.01/630/10P	MKP4J0221003C00KSSD	A	630/280	0.01	10%	4	9	13	10	.45	.38	.31
505-MKP4.015/630/10	MKP4J0215002C00KSSD	A	630/280	0.015	10%	4	9	10	7.5	.45	.38	.31
505-MKP4.015/630/10P	MKP4J0215003C00KSSD	A	630/280	0.015	10%	4	9	13	10	.47	.40	.33



MKP10 SERIES RADIAL LEAD METALLIZED POLYPROPYLENE FILM CAPACITORS

Specifications:

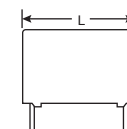
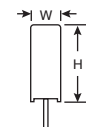
- Temperature Range: -55°C to +100°C
- Dielectric: Polypropylene film
- Capacitor Electrodes: Double sided metallized plastic film
- Encapsulation: Flame retardant plastic case, UL94V-0

Features:

- For SMPS, loudspeakers, lighting, monitors, and televisions
- Self-healing pulse duty construction

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Wima Part No.	Fig.	Volts (Vdc/Vac)	Value (μF)	Tol. ±	Dimensions: mm			Lead Spacing (mm)	Price Each		
						W	H	L		1	10	100
505-M10.1/250/10	MKP1F031003G00KSSD	B	250/180	0.1	10%	6	12	13	10	.81	.68	.56
505-M10.22/250/10	MKP1F032204D00KSSD	B	250/180	0.22	10%	7	14	18	15	1.11	.93	.76
505-M10.047/400/10	MKP1G024703G00KSSD	B	400/250	0.047	10%	6	12	13	10	.81	.68	.56
505-M10.1/400/10	MKP1G031004D00KSSD	B	400/250	0.1	10%	7	14	18	15	.95	.80	.65
505-M10.22/400/20	MKP1G032204JTRMSSD	B	400/250	0.22	20%	9	16	18	15	1.62	1.36	1.12
505-M101/400/10	MKP1G041006D00KSSD	B	400/250	1.0	10%	13	24	31.5	27.5	5.17	4.33	3.56
505-M10.01/630/10	MKP1J021002E00KSSD	B	630/400	0.01	10%	5	10.5	10.3	7.5	.62	.52	.43
505-M10.22/630/5	MKP1J032205F00JSSD	B	630/400	0.22	5%	8.5	18.5	26.5	22.5	3.48	2.91	2.39
505-M10.68/630/10	MKP1J036806F00KSSD	B	630/400	0.68	10%	15	26	31.5	27.5	6.15	4.62	3.08
505-M10.01/1000/10	MKP1O121003F00KSSD	B	1000/600	0.01	10%	5	11	13	10	.70	.59	.48
505-M10.01/1000/10P	MKP1O121004B00KSSD	B	1000/600	0.01	10%	5	11	18	15	.74	.55	.41
505-M10.015/1000/10	MKP1O121503G00KSSD	B	1000/600	0.015	10%	6	12	13	10	.82	.61	.46
505-M10.015/1000/10P	MKP1O121504B00KSSD	B	1000/600	0.015	10%	5	11	18	15	.75	.56	.42
505-M10.022/1000/20	MKP1O122204C00MSSD	B	1000/600	0.022	20%	6	12.5	18	15	1.11	.93	.76
505-M10.022/1000/10	MKP1O122204C00KSSD	B	1000/600	0.022	10%	6	12.5	18	15	1.16	.97	.80
505-M10.022/1000/10P	MKP1O122205B00KSSD	B	1000/600	0.022	10%	6	15	26.5	22.5	1.40	1.05	.79
505-M10.033/1000/10	MKP1O123304D00KSSD	B	1000/600	0.033	10%	7	14	18	15	1.32	1.10	.90
505-M10.033/1000/10P	MKP1O123305B00KSSD	B	1000/600	0.033	10%	6	15	26.5	22.5	1.44	1.08	.81
505-M10.047/1000/10	MKP1O124704F00KSSD	B	1000/600	0.047	10%	8	15	18	15	1.22	.906	.68
505-M10.047/1000/10P	MKP1O124705B00KSSD	B	1000/600	0.047	10%	6	15	26.5	22.5	1.50	1.12	.84
505-M100.047/1000/5	MKP1O124704F00JSSD	B	1000/600	0.047	5%	8	15	18	15	1.38	1.19	.99
505-M10.068/1000/10	MKP1O126805G00KSSD	B	1000/600	0.068	10%	7	16.5	26.5	22.5	1.81	1.37	1.04
505-M10.1/1000/10	MKP1O131005F00KSSD	B	1000/600	0.1	10%	8.5	18.5	26.5	22.5	2.18	1.64	1.23
505-M10.1/1000/10P27	MKP1O131006B00KSSD	B	1000/600	0.1	10%	11	21	31.5	27.5	2.25	2.00	1.88
505-M10.33/1000/10	MKP1O133306F00KSSD	B	1000/600	0.33	10%	15	26	31.5	27.5	3.71	3.40	3.09
505-M101000/1600/10	MKP1T011003C00KSSD	B	1600/650	0.001	10%	4	9	13	10	.55	.41	.31
505-M101500/1600/10	MKP1T011503C00KSSD	B	1600/650	0.0015	10%	4	9	13	10	.55	.41	.31
505-M102200/1600/10	MKP1T012203C00KSSD	B	1600/650	0.0022	10%	4	9	13	10	.55	.41	.31
505-M103300/1600/10	MKP1T013303C00KSSD	B	1600/650	0.0033	10%	4	9	13	10	.55	.41	.31
505-M104700/1600/10	MKP1T014703F00KSSD	B	1600/650	0.0047	10%	5	11	13	10	.61	.46	.35
505-M106800/1600/10	MKP1T016803GTRKSSD	B	1600/650	0.0068	10%	6	12	13	10	.71	.54	.40
505-M101000/2000/10	MKP1U011003C00KSSD	B	2000/700	0.001	10%	4	9	13	10	.52	.44	.37
505-M100.01/2000/5	MKP1U021004D00JSSD	B	2000/700	0.01	5%	7	14	18	15	1.31	1.12	.93



MKS02 SERIES METALIZED POLYESTER FILM CAPACITORS

Specifications:

- Temperature Range: -55°C to +100°C
- Dielectric: Polyethylene-terephthalate (PET)
- Capacitor Electrodes: Vacuum-deposited
- Operational Life: >300,000 hours

Features:

- Self Healing capability
- High volume/capacitance ratio and reduced base

Typical for General DC Applications:

- By-pass
- Timing
- Blocking
- Coupling and decoupling

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Wima Part No.	Fig.	Volts (Vdc/Vac)	Value (μF)	Tol. ±	Dimensions: in.			Lead Spacing (mm)	Price Each		
						W	H	L		1	10	100
505-MKS021.0/50/10	MKS0B041000F00KSSD	A	50/30	1.0	10%	5.5	10	4.6	2.5	2.00	1.68	1.38
505-MKS02.01/63/10	MKS0C021000B00KSSD	A	63/40	0.01	10%	2.5	7	4.6	2.5	.45	.40	.38
505-MKS02.047/63/10	MKS0C023700C00KSSD	A	63/40	0.047	10%	2.5	7	4.6	2.5	.51	.43	.40
505-MKS02.1/63/10	MKS0C031000B00KSSD	A	63/40	0.1	10%	3	7.5	4.6	2.5	.45	.40	.38
505-MKS02.022/63/10	MKS0C032200C00KSSD	A	63/40	0.22	10%	3	7.5	4.6	2.5	.55	.472	.385
505-MKS02.47/63/10	MKS0C034700E00KSSD	A	63/40	0.47	10%	4.6	9	4.6	2.5	1.62	1.54	1.40