

WIMA Pulse Duty Film Capacitors



FKP4 SERIES SELF HEALING PULSE FILM CAPACITORS

RoHS Compliant This product is RoHS compliant.



The WIMA FKP 4 is a range of self-healing film/foil Polypropylene capacitors made with a single metallized plastic film and metal foil electrodes in series connection. Due to its film/foil structure with metallized electrode carrier, this capacitor type is suitable for high current loads. The capacitor is constructed as a series connection, the current carrying electrodes consist of two metal foils and a metallized carrier film as a "floating electrode".

WIMA pulse capacitors are produced with the proven box technology using solvent-resistant, flame-retardant plastic cases according to UL94V-0.

Features:

- High pulse duty
- Self-healing
- Internal series connection
- Very low dissipation factor
- Negative capacitance change versus temperature

Specifications:

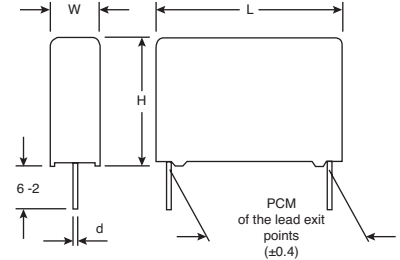
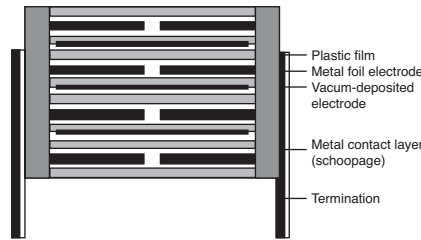
- Dielectric: Polypropylene film
- Temperature Range: -55°C to +100°C
- Capacitor electrodes: aluminum foil and siglesided metallized plastic film
- Encapsulation: flame retardant plastic case
- Tolerance ±: 10%

Applications:

- Switch mode power supplies
- Converter in drives and power electronics
- Deflection systems in monitors and TV-sets
- Electronic ballasts
- Audio/video equipment



RoHS Compliant



od	PCM
0.8	15-27.5
1.0	37.5

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Wima Part No.	Volts (Vdc/Vac)	Value (µF)	Dimensions: mm			Lead Spacing (mm)	Price Each			
				W	H	L		1	10	100	500
505-FKP42200/1KV/10	FKP4O112204B00KSSD	1000/400	2200pF	5	11	18	15	.51	.44	.38	.35
505-FKP4.047/1KV/10	FKP4O124705F00KSSD	1000/400	0.047	8.5	18.5	26.5	22.5	1.68	1.44	1.24	1.13
505-FKP4.1/1KV/10	FKP4O131006B00KSSD	1000/400	0.1	11	21	31.5	27.5	2.61	2.25	1.93	1.76
505-FKP4.47/1KV/10	FKP4O134707F00KSSD	1000/400	0.47	19	32	41.5	37.5	7.94	6.83	5.86	5.33
505-FKP41.0/1KV/10	FKP4O141007H00KSSD	1000/400	1.0	24	45.5	41.5	37.5	17.31	14.90	12.77	11.63
505-FKP4470/1600/10	FKP4T004704B00KSSD	1600/500	470pF	5	11	18	15	.51	.44	.37	.34
505-FKP41000/1600/10	FKP4T011004B00KSSD	1600/500	1000pF	5	11	18	15	.60	.51	.44	.40
505-FKP41500/1600/10	FKP4T011504B00KSSD	1600/500	1500pF	5	11	18	15	.60	.51	.44	.40
505-FKP42200/1600/10	FKP4T012204C00KSSD	1600/500	2200pF	6	12.5	18	15	.70	.60	.51	.47
505-FKP43300/1600/10	FKP4T013304D00KSSD	1600/500	3300pF	7	14	18	15	.74	.64	.55	.50
505-FKP44700/1600/10	FKP4T014704F00KSSD	1600/500	4700pF	8	15	18	15	.88	.76	.65	.59
505-FKP4.01/1600/10	FKP4T021005B00KSSD	1600/500	0.01	6	15	26.5	22.5	1.19	1.02	.87	.80
505-FKP4.015/1600/10	FKP4T021505F00KSSD	1600/500	0.015	8.5	18.5	26.5	22.5	1.55	1.33	1.14	1.04
505-FKP4.022/1600/10	FKP4T022205H00KSSD	1600/500	0.022	10.5	19	26.5	22.5	1.94	1.67	1.43	1.30
505-FKP4.047/1600/10	FKP4T024706D00KSSD	1600/500	0.047	13	24	31.5	27.5	2.89	2.48	2.13	1.94
505-FKP4.068/1600/10	FKP4T026806F00KSSD	1600/500	0.068	15	26	31.5	27.5	3.26	2.81	2.41	2.19
505-FKP4.1/1600/10	FKP4T031006I00KSSD	1600/500	0.1	17	34.5	31.5	27.5	4.35	3.74	3.21	2.92
505-FKP4.15/1600/10	FKP4T031506J00KSSD	1600/500	0.15	20	39.5	31.5	27.5	6.17	5.31	4.55	4.15
505-FKP4.22/1600/10	FKP4T032207F00KSSD	1600/500	0.22	19	32	41.5	37.5	7.58	6.52	5.59	5.09
505-FKP4.33/1600/10	FKP4T033307G00KSSD	1600/500	0.33	20	39.5	41.5	37.5	11.73	10.09	8.65	7.88
505-FKP4.47/1600/10	FKP4T034707H00KSSD	1600/500	0.47	24	45.5	41.5	37.5	15.24	13.12	11.25	10.25
505-FKP4470/2KV/10	FKP4U004704B00KSSD	2000/550	470pF	5	11	18	15	.51	.44	.37	.34
505-FKP41000/2KV/10	FKP4U011004B00KSSD	2000/550	1000pF	5	11	18	15	.60	.51	.44	.40
505-FKP41500/2KV/10	FKP4U011504C00KSSD	2000/550	1500pF	6	12.5	18	15	.71	.61	.53	.48
505-FKP42200/2KV/10	FKP4U012204D00KSSD	2000/550	2200pF	7	14	18	15	.81	.70	.60	.55
505-FKP43300/2KV/10	FKP4U013304J00KSSD	2000/550	3300pF	9	16	18	15	1.08	.93	.80	.73
505-FKP44700/2KV/10	FKP4U014705D00KSSD	2000/550	4700pF	7	16.5	26.5	22.5	1.26	1.08	.93	.85
505-FKP46800/2KV/10	FKP4U016805F00KSSD	2000/550	6800pF	8.5	18.5	26.5	22.5	1.51	1.30	1.11	1.02
505-FKP4.01/2KV/10	FKP4U021005G00KSSD	2000/550	0.01	10.5	19	26.5	22.5	1.91	1.65	1.41	1.29
505-FKP4.015/2KV/10	FKP4U021505I00KSSD	2000/550	0.015	11	21	26.5	22.5	2.01	1.73	1.48	1.35
505-FKP4.022/2KV/10	FKP4U022206B00KSSD	2000/550	0.022	11	21	31.5	27.5	2.48	2.13	1.83	1.66
505-FKP4.033/2KV/10	FKP4U023306D00KSSD	2000/550	0.033	13	24	31.5	27.5	2.71	2.33	2.00	1.82
505-FKP4.047/2KV/10	FKP4U024706F00KSSD	2000/550	0.047	15	26	31.5	27.5	3.34	2.87	2.46	2.24
505-FKP4.068/2KV/10	FKP4U026806I00KSSD	2000/550	0.068	17	34.5	31.5	27.5	4.28	3.68	3.15	2.87
505-FKP4.1/2KV/10	FKP4U031007F00KSSD	2000/550	0.1	19	32	41.5	37.5	6.50	5.60	4.80	4.37
505-FKP4.15/2KV/10	FKP4U031507H00KSSD	2000/550	0.15	24	45.5	41.5	37.5	11.06	9.52	8.16	7.44