

EMI Capacitor (Interference Suppression) MKP-X2

Features & Applications

- ♦ Metallized polypropylene(MPP) film as structure.
- ♦ Thickening metallized terminals and automatic spray welding technology .
- ♦ Flame retardant PBT case (UL94V-0), filling with epoxy resin.
- ♦ High capability of withstand high voltage and transient pulse voltage.
- ♦ Widely used in power supply parallel crossover loops to control electromagnetic interference.



Certification		
	China	GB/T 6346.14-2015,CQC18001198436
	USA/Canada	UL 60384-14,E502152
	ENEC-VDE	IEC 60384-14: 2013+AMD 1: 2016,HN 69260656

Technical Parameter	
Rated Voltage	275Vac/305Vac/310Vac
Dissipation Factor	≤0.001(1KHz)
Climatic Category	40/110/56/B
Capacitance Tolerance	±10%(K), ±20%(M)(20°C, 1kHz)
Range Of Capacitance	0.0047 μF~22 μF
Insulation Resistance	$C_c \leq 0.33 \mu F, IR \geq 15000 M\Omega$ $C_c > 0.33 \mu F, IR \geq 5000 M\Omega \mu F (20^\circ C, 100V, 1min)$
Voltage Rise Rate(dv/dt)	30V/μs Max

275Vac/305Vac/310Vac											
C_N (μF)	W	H	T	P	d	C_N (μF)	W	H	T	P	d
0.0047	10.5	9.0	4.0	7.5	0.6	0.039	10.5	11.0	5.0	7.5	0.6
0.0056	10.5	9.0	4.0	7.5	0.6	0.047	10.5	11.0	5.0	7.5	0.6
0.0068	10.5	9.0	4.0	7.5	0.6	0.056	10.5	12.0	6.0	7.5	0.6
0.0082	10.5	9.0	4.0	7.5	0.6	0.068	10.5	12.0	6.0	7.5	0.6
0.010	10.5	9.0	4.0	7.5	0.6	0.0047	13.0	9.0	4.0	10.0	0.6
0.012	10.5	9.0	4.0	7.5	0.6	0.0056	13.0	9.0	4.0	10.0	0.6
0.015	10.5	9.0	4.0	7.5	0.6	0.0068	13.0	9.0	4.0	10.0	0.6
0.018	10.5	9.0	4.0	7.5	0.6	0.0082	13.0	9.0	4.0	10.0	0.6
0.022	10.5	9.0	4.0	7.5	0.6	0.010	13.0	9.0	4.0	10.0	0.6
0.027	10.5	11.0	5.0	7.5	0.6	0.012	13.0	9.0	4.0	10.0	0.6
0.033	10.5	11.0	5.0	7.5	0.6	0.015	13.0	9.0	4.0	10.0	0.6

275Vac/305Vac/310Vac											
C_N (μF)	W	H	T	P	d	C_N (μF)	W	H	T	P	d
0.018	13.0	9.0	4.0	10.0	0.6	1.2	26.5	20.0	11.0	22.5	0.8
0.022	13.0	9.0	4.0	10.0	0.6	1.5	26.5	22.0	12.0	22.5	0.8
0.027	13.0	9.0	4.0	10.0	0.6	1.8	26.5	24.5	15.5	22.5	0.8
0.15	13.0	13.0	7.0	10.0	0.6	2.2	26.5	24.5	15.5	22.5	0.8
0.010	18.0	9.5	5.0	15.0	0.6	0.33	32.0	18.0	9.0	27.5	0.8
0.012	18.0	9.5	5.0	15.0	0.6	0.39	32.0	18.0	9.0	27.5	0.8
0.033	13.0	9.0	4.0	10.0	0.6	0.47	32.0	18.0	9.0	27.5	0.8
0.039	13.0	9.0	4.0	10.0	0.6	0.56	32.0	18.0	9.0	27.5	0.8
0.047	13.0	11.0	5.0	10.0	0.6	0.68	32.0	18.0	9.0	27.5	0.8
0.056	13.0	11.0	5.0	10.0	0.6	0.82	32.0	18.0	9.0	27.5	0.8
0.068	13.0	11.0	5.0	10.0	0.6	1.0	32.0	18.0	9.0	27.5	0.8
0.082	13.0	12.0	6.0	10.0	0.6	1.2	32.0	20.0	11.0	27.5	0.8
0.10	13.0	12.0	6.0	10.0	0.6	0.22	18.0	12.0	7.0	15.0	0.6
0.12	13.0	13.0	7.0	10.0	0.6	0.22	18.0	13.5	7.5	15.0	0.6
0.015	18.0	9.5	5.0	15.0	0.6	0.27	18.0	13.5	7.5	15.0	0.6
0.018	18.0	9.5	5.0	15.0	0.6	0.33	18.0	14.0	8.0	15.0	0.6
0.022	18.0	9.5	5.0	15.0	0.6	0.33	18.0	14.5	8.5	15.0	0.6
0.027	18.0	9.5	5.0	15.0	0.6	0.39	18.0	14.5	8.5	15.0	0.6
0.033	18.0	9.5	5.0	15.0	0.6	0.47	18.0	16.0	10.0	15.0	0.8
0.039	18.0	9.5	5.0	15.0	0.6	1.5	32.0	20.0	11.0	27.5	0.8
0.047	18.0	9.5	5.0	15.0	0.6	1.8	32.0	22.0	13.0	27.5	0.8
0.056	18.0	9.5	5.0	15.0	0.6	2.2	32.0	25.0	13.0	27.5	0.8
0.068	18.0	9.5	5.0	15.0	0.6	2.7	32.0	28.0	14.0	27.5	0.8
0.082	18.0	11.0	5.0	15.0	0.6	3.3	32.0	28.0	17.0	27.5	0.8
0.10	18.0	11.0	5.0	15.0	0.6	3.9	32.0	33.0	18.0	27.5	0.8
0.12	18.0	11.0	5.0	15.0	0.6	4.7	32.0	33.0	18.0	27.5	0.8
0.15	18.0	12.0	6.0	15.0	0.6	5.6	32.0	37.0	22.0	27.5	0.8
0.18	18.0	12.0	6.0	15.0	0.6	6.8	32.0	37.0	22.0	27.5	0.8
0.22	18.0	13.5	6.0	15.0	0.6	1.5	41.0	22.0	11.0	37.5	1.0
0.56	18.0	19.0	11.0	15.0	0.8	1.8	41.0	22.0	11.0	37.5	1.0
0.68	18.0	19.0	11.0	15.0	0.8	2.2	41.0	24.0	13.0	37.5	1.0
0.10	26.5	15.0	6.0	22.5	0.8	2.7	41.0	24.0	13.0	37.5	1.0
0.12	26.5	15.0	6.0	22.5	0.8	3.3	41.0	26.0	15.0	37.5	1.0
0.15	26.5	15.0	6.0	22.5	0.8	3.3	42.0	28.0	14.0	37.5	1.0
0.18	26.5	15.0	6.0	22.5	0.8	3.9	42.0	28.0	14.0	37.5	1.0
0.22	26.5	15.0	6.0	22.5	0.8	4.7	41.0	30.0	16.0	37.5	1.0
0.27	26.5	15.0	6.0	22.5	0.8	5.6	41.0	33.5	18.5	37.5	1.0
0.33	26.5	15.0	6.0	22.5	0.8	6.8	41.0	33.5	18.5	37.5	1.0
0.39	26.5	15.0	6.0	22.5	0.8	8.2	41.0	37.0	22.0	37.5	1.0
0.47	26.5	16.0	7.0	22.5	0.8	10.0	41.0	41.0	26.0	37.5	1.0
0.56	26.5	16.0	7.0	22.5	0.8	12.0	41.0	41.0	26.0	37.5	1.0
0.68	26.5	17.0	8.5	22.5	0.8	15.0	42.0	45.0	30.0	37.5	1.0
0.82	26.5	18.5	10.0	22.5	0.8	18.0	42.0	50.0	35.0	37.5	1.0
1.0	26.5	18.5	10.0	22.5	0.8	20.0	57.0	45.0	30.0	52.5	1.2
						22.0	57.0	50.0	35.0	52.5	1.2

*The listed dimension on the above chart is our common specifications, we can produce as customer's requests.