

Film Capacitors Series

Metallized Polypropylene Film Capacitor (Interference Suppressors Class—X2)

Constructed with metallized polypropylene film as dielectric and electrode, with copper-clad steel leads, encapsulated in plastic case with epoxy resin sealed. They provide Interference Suppression with safety approvals.

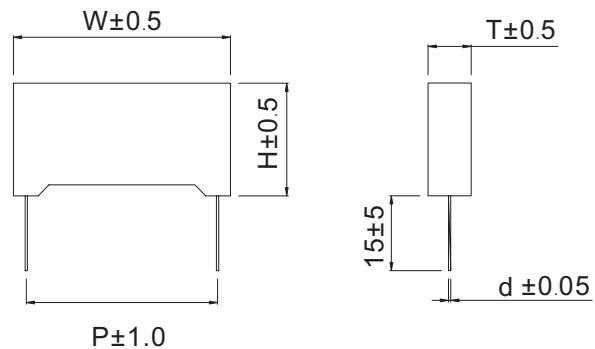


FEATURES

- Self-healing properties.
- Flame-retardant plastic case and epoxy resin.
- High moisture-resistance.
- Good solder ability.

APPLICATION

- LineByPass and Antenna coupling
- AcrossTheLine, spark killer
- FMI filter
- Switching power supply



SPECIFICATIONS

- Operating Temperature Range : $-40^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- Capacitance Range : $0.001\mu\text{F} \sim 1\mu\text{F}$
- Capacitance Tolerance: $\pm 10\%(\text{K})$, $\pm 20\%(\text{M})$
- Voltage Rated: 250VAC, 275VAC, 310VAC (50Hz/60Hz)
- Factor Dissipation: 0.1% at 1KHz Max., 25°C
- Insulation Resistance: $C \leq 0.33\mu\text{F}$ IR $\geq 15,000\text{M}\Omega$;
 $C > 0.33\mu\text{F}$ IR $\geq 10,000\text{M}\Omega$
- Dielectric Strength Test: 1260VDC/1min. or 2,000VDC/1~3Sec.

ORDER INFORMATION

Product No.:	KLS10 -	X2	-	XXX	X	XX	-	XX
Pos.No.	Product Name:	CAPACITANCE	TOL.	Rated Voltage	Pitch			
	X2 Capacitor	IN 3DIGITS	K= $\pm 10\%$	250=250VAC	P15=15mm			
		332=0.0033uF	M= $\pm 20\%$	275=275VAC	P20=20mm			
		104= 0.1uF		310=310VAC				
		474= 0.47uF						
		105= 1uF						

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X2 Dimensions

Size unit :mm

sym- bol	uF	W	H	T	P	d
102	0.001	13.0	9.0	4.0	10.0	0.6
122	0.0012	13.0	9.0	4.0	10.0	0.6
152	0.0015	13.0	9.0	4.0	10.0	0.6
182	0.0018	13.0	9.0	4.0	10.0	0.6
222	0.0022	13.0	9.0	4.0	10.0	0.6
272	0.0027	13.0	9.0	4.0	10.0	0.6
332	0.0033	13.0	11.0	5.0	10.0	0.6
392	0.0039	13.0	11.0	5.0	10.0	0.6
472	0.0047	13.0	11.0	5.0	10.0	0.6
562	0.0056	13.0	11.0	5.0	10.0	0.6
682	0.0068	13.0	11.0	5.0	10.0	0.6
822	0.0082	13.0	11.0	5.0	10.0	0.6
103	0.01	13.0	9.0	4.0	10.0	0.6
103	0.01	13.0	11.0	5.0	10.0	0.6
123	0.012	13.0	11.0	5.0	10.0	0.6
153	0.015	13.0	11.0	5.0	10.0	0.6
183	0.018	13.0	11.0	5.0	10.0	0.6
223	0.022	13.0	11.0	5.0	10.0	0.6
223	0.022	18.0	10.0	5.0	15.0	0.6
273	0.027	18.0	12.0	6.0	10.0	0.6
333	0.033	18.0	12.0	6.0	10.0	0.6
333	0.033	18.0	10.0	5.0	15.0	0.6

sym- bol	uF	W	H	T	P	d
393	0.039	18.0	10.0	5.0	15.0	0.6
473	0.047	13.0	12.0	6.0	10.0	0.6
473	0.047	18.0	10.0	5.0	15.0	0.6
563	0.056	18.0	12.0	6.0	15.0	0.6
683	0.068	18.0	12.0	6.0	15.0	0.6
823	0.082	18.0	12.0	6.0	15.0	0.6
104	0.1	13.0	12.0	6.0	10.0	0.6
104	0.1	18.0	12.0	6.0	15.0	0.6
104	0.1	18.0	13.5	7.5	15.0	0.8
124	0.12	18.0	13.5	7.5	15.0	0.8
154	0.15	18.0	12.0	6.0	15.0	0.8
154	0.15	18.0	13.5	7.5	15.0	0.8
154	0.15	18.0	14.5	8.5	15.0	0.8
154	0.15	26.5	15.0	6.0	22.5	0.8
184	0.18	18.0	14.5	8.5	15.0	0.8
224	0.22	18.0	12.0	6.0	15.0	0.8
224	0.22	18.0	14.5	8.5	15.0	0.8
224	0.22	26.5	15.0	6.0	22.5	0.8
224	0.22	26.5	16.5	7.0	22.5	0.8
274	0.27	26.5	17.0	8.5	22.5	0.8
334	0.33	18.0	16.0	10.0	15.0	0.8
334	0.33	26.5	16.5	7.0	22.5	0.8

sym- bol	uF	W	H	T	P	d
334	0.33	26.5	17.0	8.5	22.5	0.8
394	0.39	26.5	18.0	10.0	22.5	0.8
474	0.47	18.0	16.0	10.0	15.0	0.8
474	0.47	18.0	18.0	10.0	15.0	0.8
474	0.47	26.5	17.0	8.5	22.5	0.8
474	0.47	26.5	18.0	10.0	22.5	0.8
474	0.47	32.0	20.0	11.0	27.5	0.8
564	0.56	32.0	20.0	11.0	27.5	0.8
684	0.68	26.5	18.0	10.0	22.5	0.8
684	0.68	32.0	20.0	11.0	27.5	0.8
824	0.82	32.0	22.0	13.0	27.5	0.8
105	1	26.0	21.5	12.0	22.5	0.8
105	1	32.0	20.0	11.0	27.5	0.8
105	1	32.0	22.0	13.0	27.5	0.8
125	1.2	32.0	30.0	15.0	27.5	0.8
155	1.5	32.0	30.0	15.0	27.5	0.8
185	1.8	31.0	31.0	18.0	27.5	0.8
225	2.2	32.0	30.0	15.0	27.5	0.8
225	2.2	31.0	31.0	18.0	27.5	0.8
225	2.2	41.0	32.5	17.5	37.5	1



• The above dimensions are for reference only. The final dimensions are subject to our specifications.

Approvals

	Sweden SS4430414 (EN132400-1994/IEC384-14)	614203
	Norway Nemko 132/85(IEC384/14-93)	P06207206
	NENMARK 132/85(IEC384/14-93)	314078-01
	FILAND IEC384/14-93	23012
	SWITZERLAND SEV 1055/1978(IEC 603841493)	06.0744

	USA/CSA UI1414	E152288 (N)
	GERMANY VDE 565 Teil 1/12.79	40000463
	CANADA C22.2 No.11994	LR1085341
	CHINA GB/T1447293	CQC 03001002847