

METALLIZED FILM CAPACITOR

METALLIZED FILM CAPACITOR FOR ELECTROMAGNETIC INTERFERENCE SUPPRESSION

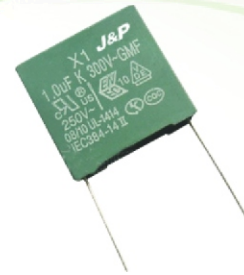
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Features and applications

- Non-inductive winding type; small size; encapsulated in flame retardant plastic case; Its components are sealed with epoxy resin.
- Withstand over voltage stressing
- Good weldability
- With Self-healing property
- Usage of connection to the supply mains, electromagnetic interferences suppression
- Applied to sparkle-suppression circuits
- Applied to the mains of power switch.

ELECTRICAL PROPERTIES (IEC384-14 UL1283 EN132400 GB/T14472-93)

Service temperature range	-40~+100℃
Voltage rating	250VAC~300 VAC
Capacitance tolerance	±10% (K), ±20% (M)
Test voltage	T-T 1200V.AC 60Hz or 2200V.DC 1 Sec. T-C 2200V.AC 60Hz 60 Sec.
I.R.	$C \leq 0.33\mu\text{FIR} \geq 30,000\text{M}\Omega$ $C > 0.33\mu\text{FIR} \geq 10,000\text{M}\Omega / \mu\text{F}$
D.F.	$\leq 0.1\%$ at 1KHz and 20℃ $\leq 0.3\%$ at 10KHz and 20℃



DIMENSIONS

Capacitance uF	Rated-Voltage V.AC	PVC Wire(W±0.75)Dimensions in mm				
		W±0.5	H±0.5	T±0.5	P±0.5	D±0.05
0.0047	300	13	12	5	10	0.6
0.0047	300	18	10	5	15	0.8
0.01	300	13	12	5	10	0.6
0.01	300	18	10	5	15	0.8
0.015	300	18	10	5	15	0.8
0.22	300	17	11	5.5	15	0.8
0.33	300	18	10	5	15	0.8
0.047	300	13	12	5	10	0.6
0.047	300	18	10	5	15	0.8
0.056	300	18	10	5	15	0.8
0.068	300	18	10	5	15	0.8
0.082	300	17	11	5	15	0.8
0.1	300	13	12	6	10	0.8
0.1	300	17	11	5.5	15	0.8
0.15	300	18	13.5	6	15	0.8
0.22	300	17	15.5	7.5	15	0.8
0.22	300	25	14.5	6	22.5	0.8
0.33	300	17	16.5	9.5	15	0.8
0.33	300	26.5	16.5	7	22.5	0.8
0.47	300	17	19	11	15	0.8
0.47	300	26.5	17	8.5	22.5	0.8
0.56	300	26.5	19	10	22.5	0.8
0.68	300	26.5	19	10	22.5	0.8
0.82	300	31.5	20	11	27.5	0.8
1.0	300	25	23.5	14	22.5	0.8
1.0	300	30	21	11.4	27.5	0.8
1.2	300	31.5	25	14	27.5	0.8
1.5	300	31.5	25	14	27.5	0.8
2.2	300	37	26.5	16	32.5	0.8
2.7	300	37	28.5	18	32.5	0.8
3.3	300	37	34	22	32.5	0.8
3.9	300	51	27.5	17.5	47.5	0.8
4.7	300	51	30.5	20	47.5	0.8
5.6	300	51	34	22.5	47.5	0.8
6.8	300	51	34	22.5	47.5	0.8
7.5	300	51	37	24	47.5	0.8
8.2	300	51	37	24	47.5	0.8
10	300	51	43.5	29	47.5	0.8