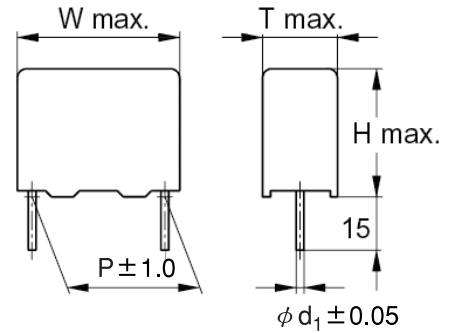


## Metallized Polypropylene Film Capacitor (Interference Suppressors Class-X2)

MPX are 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.



### Specifications

1. Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. Capacitance Range:  $0.0047 \mu\text{F} \sim 1.0 \mu\text{F}$
3. Capacitance Tolerance:  $\pm 10\%(\text{K}), \pm 20\%(\text{M})$
4. Rated Voltage:  $250\text{VAC}/275\text{VAC}$  (50Hz/60Hz)
5. Dissipation Factor: 0.1% max. at 1KHz,  $25^{\circ}\text{C}$
6. Insulation Resistance:  $>30,000 \text{ M}\Omega$  ( $C \leq 0.33 \mu\text{F}$ ),  $>10,000 \text{ M}\Omega \mu\text{F/C}$  ( $C > 0.33 \mu\text{F}$ ).
7. Dielectric Strength Test: 1260VDC/1Min or 2000VDC/1~3 Sec.
8. Rated Voltage Pulse Slope(dv/dt):  $100\text{V}/\mu\text{s}$

Unit:mm

RV SIZE CAP(μF)	250VAC/275VAC				
	W	H	T	P	d φ
0.0047	13	11	5	10	0.6
	18	11	5	15	0.8
0.0056	13	11	5	10	0.6
0.0068	13	11	5	10	0.6
0.0082	13	11	5	10	0.6
0.010	13	11	5	10	0.6
0.010	18	11	5	15	0.8
0.012	13	11	5	10	0.6
0.015	13	11	5	10	0.6
0.018	18	11	5	15	0.8
0.022	13	12	6	10	0.6
	18	11	5	15	0.8
0.027	18	11	5	10	0.8
0.033	13	12	6	10	0.6
0.033	18	11	5	15	0.8
0.039	18	11	5	15	0.8
0.047	13	12	6	10	0.6
	18	11	5	15	0.8
0.056	18	11	5	15	0.8
0.068	13	12	6	10	0.6

RV SIZE CAP(μF)	250VAC/275VAC				
	W	H	T	P	d φ
0.068	18	11	5	15	0.8
0.082	18	12	6	15	0.8
0.10	13	12	6	10	0.6
	18	12	6	15	0.8
0.12	18	13.5	7.5	15	0.8
0.15	18	14.5	8.5	15	0.8
0.18	18	15	8.5	15	0.8
0.22	18	15.5	9.5	15	0.8
0.22	26.5	16.5	7	22.5	0.8
0.27	26.5	17	8.5	22.5	0.8
0.33	18	16	10	15	0.8
	26.5	17	8.5	22.5	0.8
0.39	26.5	19	10	22.5	0.8
0.47	26.5	19	10	22.5	0.8
0.47	32	20	11	27.5	0.8
0.56	32	21	11	27.5	0.8
0.68	26.5	19	10	22.5	0.8
	32	20	11	27.5	0.8
0.82	32	23	13	27.5	0.8
1.0	32	23	13	27.5	0.8