

MPX SERIES

Metallized Polypropylene Film Capacitor (Interference Suppressors Class—X2)

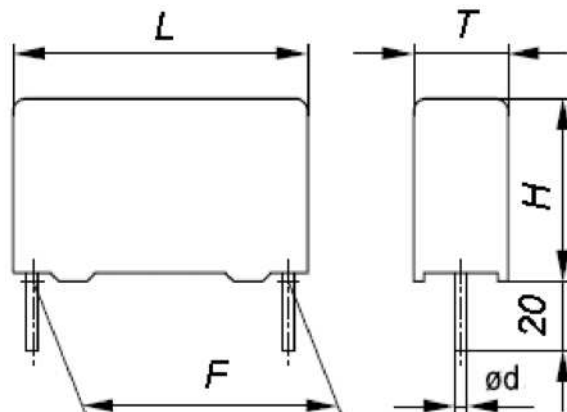
MPX are constructed with metallized polypropylene film as dielectric and electrode, with copper-clad steel leads, encapsulated in plastic case with epoxy resin sealed. They provide Interference Suppression with safety approvals.

FEATURES:

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

SPECIFICATION

1. OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. CAPACITANCE RANGE: $0.0022 - 1.0\mu\text{F}$
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°C
6. INSULATION RESISTANCE: $>30,000 \text{ M}\Omega(\text{C} \leq 0.33\mu\text{F})$.
 $>10,000 \text{ M}\Omega \cdot \mu\text{F}/\text{C}$ ($\text{C} > 0.33\mu\text{F}$).
7. DIELECTRIC STRENGTH TEST: $1260\text{VDC}/1\text{Min}$ or $2000\text{VDC}/1 \sim 3 \text{ Sec}$.



Unit:mm

RV SIZE CAP(μF)	250VAC / 275 VAC				
	L ±0.5	H ±0.5	T ±0.5	F ±1.0	d□ ±0.05
0.0022~ 0.0082	12.5	11.0	5.0	10.0	0.6
0.01	12.5 17.5	11.0 11.0	5.0 5.0	10.0 15.0	0.6 0.8
0.015 0.018	12.5 17.5	11.0 11.0	5.0 5.0	10.0 15.0	0.6 0.8
0.022	12.5 17.5	11.0 11.0	5.0 5.0	10.0 15.0	0.6 0.8
0.033	13.0 18.0	12.0 11.0	6.0 5.0	10.0 15.0	0.6 0.8
0.047	13.0 18.0	12.0 11.0	6.0 5.0	10.0 15.0	0.6 0.8
0.039 0.047	18.0	11.0	5.0	15.0	0.8
0.056 0.068	18.0	11.0	5.0	15.0	0.8
0.10	18.0	12.0	6.0	15.0	0.8

Unit:mm

RV SIZE CAP(μF)	250VAC / 275 VAC				
	L ±0.5	H ±0.5	T ±0.5	F ±1.0	d□ ±0.05
0.15 0.18	18.0	15.0	8.5	15.0	0.8
0.22	18.0 26.5	15.5 16.5	9.5 7.0	15.0 22.5	0.8
0.27	18.0 26.5	15.5 16.5	9.5 7.0	15.0 22.5	0.8
0.33	18.0 26.5	15.5 17.0	9.5 8.5	15.0 22.5	0.8
0.39	26.5	19.0	10.0	22.5	0.8
0.47	26.5 31.0	19.0 21.0	10.0 11.0	22.5 27.5	0.8
0.56 0.68	31.0	21.0	11.0	27.5	0.8
0.68 0.82	26.5 31.0	19.0 21.0	10.0 11.0	22.5 27.5	0.8
1.0	31.0	23.0	13.0	27.5	0.8