

MPR SERIES

Metallized Polypropylene Film Capacitor

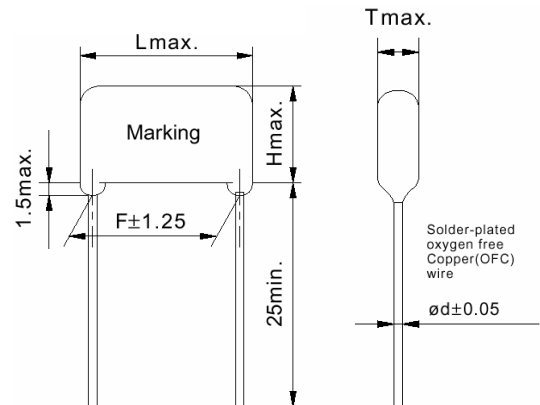
MPR are non-inductively wound with metallized polypropylene film as dielectric and electrode with copper-clad steel leads and epoxy resin coating.

FEATURES:

- Low dissipation factor (D.F.)
- High insulation resistance.
- High stability of capacitance and dissipation factor (D.F.) versus temperature and frequency.
- Self-healing properties.

SPECIFICATIONS:

1. OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
2. CAPACITANCE RANGE: $0.01\mu\text{F} \sim 3.3\mu\text{F}$
3. CAPACITANCE TOLERANCE: $\pm 2\%(G), \pm 5\%(J), \pm 10\%(K)$
4. RATED VOLTAGE: 100VDC, 250VDC, 400VDC, 630VDC
5. DISSIPATION FACTOR: 0.1% max. at 1KHz, 25°C
6. INSULATION RESISTANCE: $>30,000 \text{ M}\Omega(\text{C} \leq 0.33\mu\text{F})$.
 $>10,000 \text{ M}\Omega \cdot \mu\text{F}/^{\circ}\text{C} (\text{C} > 0.33\mu\text{F})$.



Unit : mm

RV SIZE CAP (uF)	100VDC					250VDC					400VDC					630VDC				
	L max.	H max.	T max.	F ±1.0	dø ±0.05	L max.	H max.	T max.	F ±1.0	dø ±0.05	L max.	H max.	T max.	F ±1.0	dø ±0.05	L max.	H max.	T max.	F ±1.0	dø ±0.05
0.010	12.5	8.5	5.0	10.0	0.6	12.5	8.5	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	9.5	5.5	10.0	0.6
0.012	12.5	8.5	5.0	10.0	0.6	12.5	8.5	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	9.5	5.5	10.0	0.6
0.015	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	10.0	6.5	10.0	0.6
0.018	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	9.5	5.5	10.0	0.6	12.5	11.0	7.0	10.0	0.6
0.022	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	9.5	5.5	10.0	0.6	12.5	12.0	7.5	10.0	0.6
0.027	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	10.0	6.0	10.0	0.6	18.0	11.0	6.0	15.0	0.8
0.033	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	10.0	6.0	10.0	0.6	18.0	12.0	6.5	15.0	0.8
0.039	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	11.0	6.5	10.0	0.6	18.0	13.0	7.0	15.0	0.8
0.047	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	12.5	12.0	7.0	10.0	0.6	18.0	14.0	8.0	15.0	0.8
0.056	12.5	9.0	5.0	10.0	0.6	12.5	9.0	5.0	10.0	0.6	18.0	10.0	6.0	15.0	0.8	18.0	14.5	8.5	15.0	0.8
0.068	12.5	9.5	5.5	10.0	0.6	12.5	9.5	5.5	10.0	0.6	18.0	11.0	6.0	15.0	0.8	18.0	15.0	9.0	15.0	0.8
0.082	12.5	10.0	6.0	10.0	0.6	12.5	10.0	6.0	10.0	0.6	18.0	12.0	6.5	15.0	0.8	18.0	16.0	9.0	15.0	0.8
0.10	12.5	11.0	6.5	10.0	0.6	12.5	11.0	6.5	10.0	0.6	18.0	13.0	7.0	15.0	0.8	23.0	16.0	9.0	20.0	0.8
0.12	12.5	12.0	7.0	10.0	0.6	12.5	12.0	7.0	10.0	0.6	18.0	14.0	7.5	15.0	0.8	23.0	17.0	10.0	20.0	0.8
0.15	12.5	12.0	7.0	10.0	0.6	12.5	12.0	7.0	10.0	0.6	18.0	14.0	8.0	15.0	0.8	23.0	18.0	11.0	20.0	0.8
0.18	18.0	12.0	6.5	15.0	0.8	18.0	12.0	6.5	15.0	0.8	18.0	14.5	8.5	15.0	0.8	23.0	19.0	12.0	20.0	0.8
0.22	18.0	13.0	7.0	15.0	0.8	18.0	13.0	7.0	15.0	0.8	23.0	15.0	8.0	20.0	0.8	30.0	20.0	10.0	27.0	0.8
0.27	18.0	14.0	7.5	15.0	0.8	18.0	14.0	7.5	15.0	0.8	23.0	16.0	9.0	20.0	0.8	30.0	20.0	11.0	27.0	0.8
0.33	18.0	14.0	8.0	15.0	0.8	18.0	14.0	8.0	15.0	0.8	23.0	17.0	10.0	20.0	0.8	30.0	21.0	12.0	27.0	0.8
0.39	18.0	14.5	8.5	15.0	0.8	18.0	14.5	8.5	15.0	0.8	23.0	18.0	11.0	20.0	0.8	30.0	22.0	13.0	27.0	0.8
0.47	18.0	15.0	9.0	15.0	0.8	18.0	15.0	9.0	15.0	0.8	23.0	19.0	12.0	20.0	0.8	30.0	23.0	14.0	27.0	0.8
0.56	23.0	16.0	9.0	20.0	0.8	23.0	16.0	9.0	20.0	0.8	23.0	20.0	13.0	20.0	0.8	30.0	24.5	15.5	27.0	0.8
0.68	23.0	17.0	10.0	20.0	0.8	23.0	17.0	10.0	20.0	0.8	30.0	20.0	11.0	27.0	0.8	30.0	26.0	17.0	27.0	0.8
0.82	23.0	18.0	11.0	20.0	0.8	23.0	18.0	11.0	20.0	0.8	30.0	21.0	12.0	27.0	0.8					
1.0	23.0	19.0	12.0	20.0	0.8	23.0	19.0	12.0	20.0	0.8	30.0	22.0	13.0	27.0	0.8					
1.2	23.0	20.0	13.0	20.0	0.8	23.0	20.0	13.0	20.0	0.8	30.0	24.0	15.0	27.0	0.8					
1.5	30.0	20.0	11.0	27.0	0.8	30.0	20.0	11.0	27.0	0.8	30.0	26.0	17.0	27.0	0.8					
1.8	30.0	21.0	12.0	27.0	0.8	30.0	21.0	12.0	27.0	0.8										
2.2	30.0	22.0	14.0	27.0	0.8	30.0	22.0	14.0	27.0	0.8										
2.7	30.0	23.0	14.5	27.0	0.8	30.0	23.0	14.5	27.0	0.8										
3.3	30.0	25.0	17.0	27.0	0.8	30.0	25.0	17.0	27.0	0.8										