

MPR SERIES

Metallized Polypropylene Film Capacitor

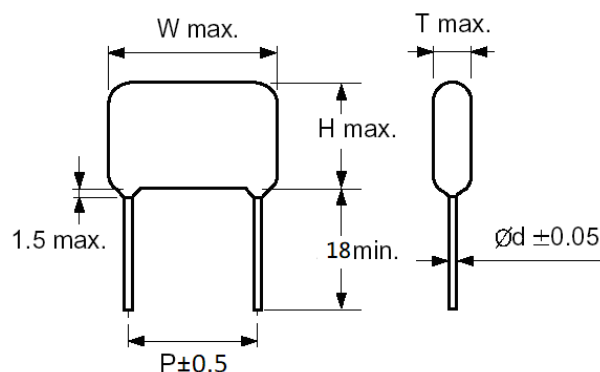
MPR are non-inductively wound with metallized polypropylene film as dielectric and electrode with copper-clad steel leads and epoxy resin coating.

FEATURES:

- Low dissipation factor and high insulation resistance.
- High stability of capacitance and DF versus temperature and frequency Non-inductive construction and self-healing property.
- Flame retardant epoxy resin coating.

SPECIFICATIONS:

1. Operating Temperature : -40°C ~ +105°C
2. Capacitance Range : 0.01μF ~ 3.3μF
3. Capacitance Tolerance : ±5%(J), ±10%(K), ±20%(M)
4. Rated Voltage : 100VDC, 250VDC, 400VDC, 630VDC
5. Dissipation Factor : 0.1% MAX AT 1KHz, 25°C
6. Insulation Resistance : >30,000 MΩ(C ≤ 0.33μF), >10000MΩ*μF(C > 0.33μF)
7. Testing Voltage : WVDCx160% For 1~5sec.
8. Soldering Resistance : 260°C±5°C 3sec



Unit : mm

RV SIZE CAP(μF)	100VDC					250VDC					400 VDC					630 VDC				
	W	H	T	P	d φ	W	H	T	P	d φ	W	H	T	P	d φ	W	H	T	P	d φ
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
0.015	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	14.5	8.5	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	14.5	8.5	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	18.0	14.5	8.5	15.0	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										