



METALLIZED POLYPROPYLENE FILM CAPACITORS

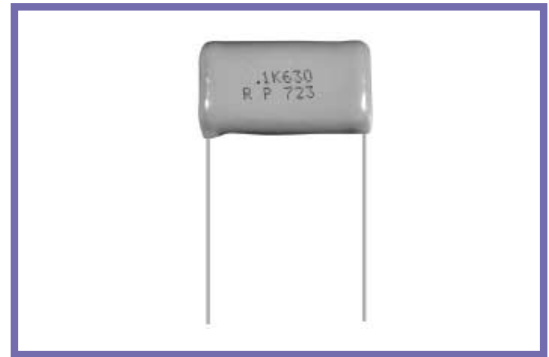
MPW

MPW SERIES

Previous Series

◆ FEATURES

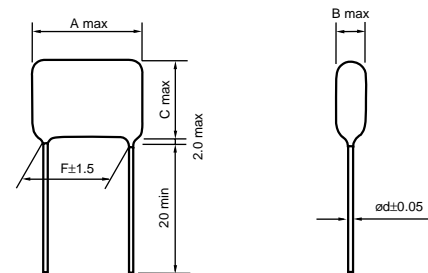
- ΔC/C % at temperature-characteristics is minus.
- Dissipation factor is very small.
- Coated flame-retardant (UL 94V-0) epoxy resin.



◆ SPECIFICATIONS

Category temperature	*-40°C~+105°C
Rated voltage (U _R)	DC250V, 400V, 630V
Capacitance tolerance	±5%(J), ±10%(K)
tan δ	0.001 max at 1kHz
Voltage proof	U _R ×150% 60s
Insulation resistance	0.33μF ≥ :9000MΩmin 0.33μF < :3000ΩFmin
Reference standard	JIS C 5101-16 JIS C 5101-1

◆ DIMENSIONS (mm)



* Derate the voltage as shown in the figure 2(182page) when using the capacitor beyond 85°C.

◆ STANDARD PRODUCTS

: Rated voltage : Capacitance tolerance

Part No.	cap(μF)	DC250V					DC400V					DC630V				
		A	B	C	F	d	A	B	C	F	d	A	B	C	F	d
<input type="checkbox"/> MPW 103 <input checked="" type="checkbox"/>	0.01	14.5	5.0	8.5	11.5	0.6	14.5	5.0	8.5	11.5	0.6	14.5	5.0	8.5	11.5	0.6
<input type="checkbox"/> MPW 123 <input checked="" type="checkbox"/>	0.012	14.5	5.5	9.0	11.5	0.6	14.5	5.5	9.0	11.5	0.6	14.5	5.5	9.0	11.5	0.6
<input type="checkbox"/> MPW 153 <input checked="" type="checkbox"/>	0.015	14.5	5.5	9.0	11.5	0.6	14.5	5.5	9.5	11.5	0.6	14.5	5.5	9.5	11.5	0.6
<input type="checkbox"/> MPW 183 <input checked="" type="checkbox"/>	0.018	14.5	5.5	9.0	11.5	0.6	14.5	5.5	10.5	11.5	0.6	14.5	5.5	10.5	11.5	0.6
<input type="checkbox"/> MPW 223 <input checked="" type="checkbox"/>	0.022	14.5	5.5	9.0	11.5	0.6	14.5	6.0	11.0	11.5	0.6	14.5	6.0	11.0	11.5	0.6
<input type="checkbox"/> MPW 273 <input checked="" type="checkbox"/>	0.027	14.5	5.5	9.0	11.5	0.6	14.5	7.0	12.0	11.5	0.6	14.5	7.0	12.0	11.5	0.6
<input type="checkbox"/> MPW 333 <input checked="" type="checkbox"/>	0.033	14.5	5.5	9.0	11.5	0.6	14.5	7.5	13.0	11.5	0.6	14.5	7.5	13.0	11.5	0.6
<input type="checkbox"/> MPW 393 <input checked="" type="checkbox"/>	0.039	14.5	5.5	9.0	11.5	0.6	16.5	7.5	13.5	13.5	0.6	16.5	7.5	13.5	13.5	0.6
<input type="checkbox"/> MPW 473 <input checked="" type="checkbox"/>	0.047	14.5	5.5	9.0	11.5	0.6	16.5	8.0	14.0	13.5	0.6	16.5	8.0	14.0	13.5	0.6
<input type="checkbox"/> MPW 563 <input checked="" type="checkbox"/>	0.056	14.5	6.0	10.0	11.5	0.6	20.0	6.5	14.0	17.0	0.8	20.0	7.5	14.5	17.0	0.8
<input type="checkbox"/> MPW 683 <input checked="" type="checkbox"/>	0.068	14.5	6.0	10.0	11.5	0.6	20.0	7.0	14.0	17.0	0.8	20.0	7.5	15.5	17.0	0.8
<input type="checkbox"/> MPW 823 <input checked="" type="checkbox"/>	0.082	14.5	6.5	12.5	11.5	0.6	20.0	7.0	15.0	17.0	0.8	20.0	8.5	16.5	17.0	0.8
<input type="checkbox"/> MPW 104 <input checked="" type="checkbox"/>	0.1	14.5	6.5	12.5	11.5	0.6	20.0	7.5	15.0	17.0	0.8	25.0	9.0	14.0	22.0	0.8
<input type="checkbox"/> MPW 124 <input checked="" type="checkbox"/>	0.12	20.0	6.0	12.0	17.0	0.6	20.0	8.0	15.5	17.0	0.8	25.0	9.0	16.0	22.0	0.8
<input type="checkbox"/> MPW 154 <input checked="" type="checkbox"/>	0.15	20.0	6.5	12.5	17.0	0.6	20.0	8.0	16.5	17.0	0.8	25.0	9.0	17.0	22.0	0.8
<input type="checkbox"/> MPW 184 <input checked="" type="checkbox"/>	0.18	20.0	7.0	13.0	17.0	0.6	20.0	9.0	17.5	17.0	0.8	25.0	10.0	18.0	22.0	0.8
<input type="checkbox"/> MPW 224 <input checked="" type="checkbox"/>	0.22	20.0	7.5	13.5	17.0	0.6	20.0	10.0	18.0	17.0	0.8	25.0	11.0	18.5	22.0	0.8
<input type="checkbox"/> MPW 274 <input checked="" type="checkbox"/>	0.27	20.0	8.0	15.5	17.0	0.8	25.0	11.5	18.0	22.0	0.8	25.0	12.0	21.0	22.0	0.8
<input type="checkbox"/> MPW 334 <input checked="" type="checkbox"/>	0.33	20.0	8.5	16.0	17.0	0.8	25.0	12.5	19.0	22.0	0.8	30.0	11.0	21.0	27.0	0.8
<input type="checkbox"/> MPW 394 <input checked="" type="checkbox"/>	0.39	25.0	8.0	15.5	22.0	0.8	25.0	13.5	19.5	22.0	0.8	30.0	12.0	23.0	27.0	0.8
<input type="checkbox"/> MPW 474 <input checked="" type="checkbox"/>	0.47	25.0	8.5	16.0	22.0	0.8	25.0	14.0	20.0	22.0	0.8	30.0	13.0	24.0	27.0	0.8
<input type="checkbox"/> MPW 564 <input checked="" type="checkbox"/>	0.56	25.0	9.5	17.0	22.0	0.8	30.0	14.0	21.0	27.0	0.8					
<input type="checkbox"/> MPW 684 <input checked="" type="checkbox"/>	0.68	25.0	10.0	17.5	22.0	0.8	30.0	14.0	22.0	27.0	0.8					
<input type="checkbox"/> MPW 824 <input checked="" type="checkbox"/>	0.82	30.0	9.5	19.0	27.0	0.8	30.0	14.5	24.5	27.0	0.8					
<input type="checkbox"/> MPW 105 <input checked="" type="checkbox"/>	1.0	30.0	10.5	20.0	27.0	0.8	35.0	15.0	24.5	32.0	0.8					