

Metallized Polypropylene Film Capacitor Type MPR Series

△ Features

- Non-inductive constructions
- Low-loss & inherent temperature rise and excellent frequency characteristics

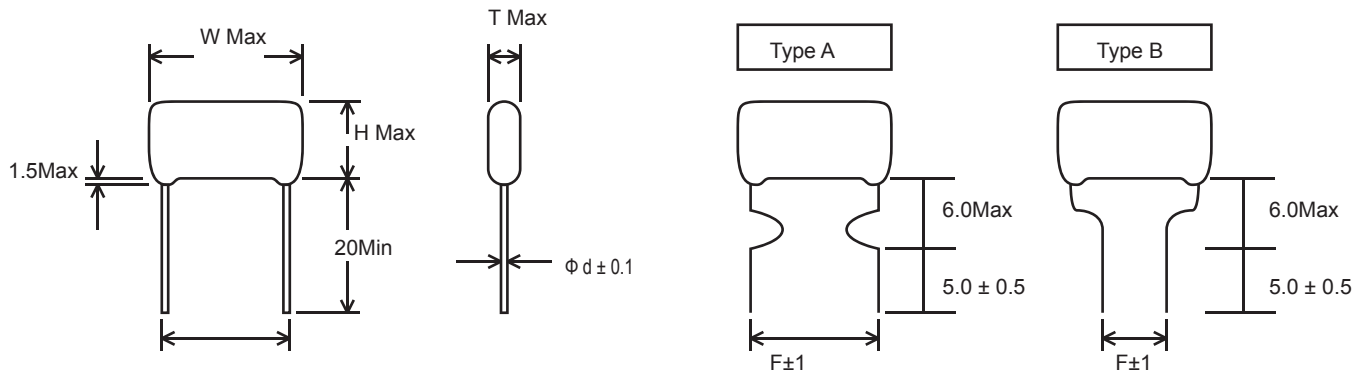
△ Applications

- Suitable for high frequency coupling and decoupling, sample and hold, and high fidelity circuitry

△ Specifications

Item	Characteristics
Operating Temperature Range	- 40 ~ +85°C
Capacitance Range	0.047μF ~ 1.0μF
Capacitance Tolerance	± 5%(J), ± 10%(K)
Standard Working Voltage	DC100V(2A), 250V(2E), 400V(2G), 630V(2J)
Dissipation Factor	Max 1.0% at 1kHz, 20°C
Insulation Resistance	Min 25,000MΩ (C ≤ 0.33μF) Min 7,000MΩ (C > 0.33μF)
Withstanding Voltage	Rated voltage X 1.75 (5sec)

△ Dimensions





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units: mm

WV	Cap(μF)	DC 250V (100V) = 2A					DC 400V = 2G					DC 630V = 2J				
		W	H	T	P	ø	W	H	T	P	ø	W	H	T	P	ø
473	0.047	16.0	11.0	7.0	11.5	0.7	16.0	11.0	7.0	11.5	0.7	20.0	13.0	8.0	16.5	0.7
563	0.056	16.0	11.0	7.0	11.5	0.7	16.0	11.0	7.0	11.5	0.7	20.0	13.0	8.0	16.5	0.7
683	0.068	16.0	11.0	7.0	11.5	0.7	20.0	15.0	10.0	16.5	0.7	20.0	14.5	9.0	16.5	0.7
823	0.082	16.0	11.0	7.0	11.5	0.7	20.0	15.0	10.0	16.5	0.7	20.0	14.5	9.0	16.5	0.7
104	0.1	16.0	11.0	8.0	11.5	0.7	20.0	15.0	10.0	16.5	0.7	20.0	14.5	9.0	16.5	0.7
124	0.12	16.0	11.0	8.0	11.5	0.7	20.0	16.0	10.0	16.5	0.7	20.0	15.0	10.0	16.5	0.7
154	0.15	20.0	14.0	9.0	16.5	0.7	20.0	16.0	10.0	16.5	0.7	25.0	16.0	10.0	21.5	0.8
184	0.18	20.0	14.0	9.0	16.5	0.7	20.0	16.0	10.0	16.5	0.7	25.0	16.0	10.0	21.5	0.8
224	0.22	20.0	14.0	9.0	16.5	0.7	25.0	16.0	10.0	21.5	0.7	30.0	20.0	12.0	26.5	0.8
274	0.27	20.0	14.0	9.0	16.5	0.7	25.0	16.0	10.0	21.5	0.7	30.0	20.0	12.0	26.5	0.8
334	0.33	25.0	15.5	9.5	21.5	0.7	25.0	17.0	11.5	21.5	0.7	30.0	20.0	12.0	26.5	0.8
394	0.39	25.0	15.5	9.5	21.5	0.7	25.0	17.0	11.5	21.5	0.7	30.0	20.0	12.0	26.5	0.8
474	0.47	25.0	15.5	9.5	21.5	0.7	25.0	17.0	11.5	21.5	0.7	36.0	21.0	15.0	31.5	0.8
564	0.56	25.0	18.0	12.0	21.5	0.8	25.0	18.5	12.5	21.5	0.7	36.0	21.0	15.0	31.5	0.8
684	0.68	25.0	18.0	12.0	21.5	0.8	29.5	18.5	10.5	26.5	0.8	36.0	21.0	15.0	31.5	0.8
824	0.82	25.0	18.0	12.0	21.5	0.8	29.5	18.5	10.5	26.5	0.8	36.0	24.0	18.0	31.5	0.8
105	1.0	25.0	20.0	14.0	21.5	0.8	29.5	20.0	13.0	26.5	0.8	36.0	26.0	20.0	31.5	0.8
125	1.2	25.0	20.0	14.0	21.5	0.8	29.5	20.0	13.0	26.5	0.8	36.0	26.0	20.0	31.5	0.8

NOTE: Part Numbering System

(1) (2) (3) (4)

MPR 103 J 2A

- 1 Series
- 2 Capacitance
- 3 Tolerance
- 4 Working Voltage