

# Metallized Polypropylene Film Capacitors



**DMPP Series**  
(Radial Dipped)

**MERITEK**

## FEATURES

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

## SPECIFICATIONS

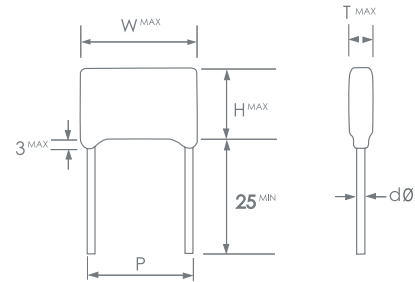
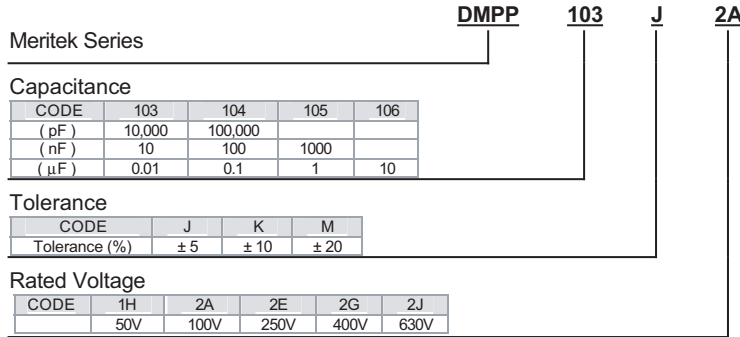
1. Operating temperature: -55°C to +105°C
2. Capacitance range: 0.01μF to 3.3μF
3. Capacitance tolerance: ±5%(J), ±10%(K), ±20%(M)
4. Rated voltage: 100VDC, 250VDC, 400VDC, 630VDC
5. Dissipation factor: 0.1% max. at 1KHz, 25°C
6. Insulation resistance: >30000MΩ (C ≤ 0.33μF)  
>10000MΩ • μF (C > 0.33μF)

\*Voltage derated at operating temperature >85°C



**DMPP** are constructed with metallized polypropylene film dielectric, tinned copper leads, and an epoxy resin coating. They are suitable for blocking, bypassing, coupling and decoupling, filtering, timing, tuning, and temperature compensation. DMPP are ideal for use in telecommunication equipment, data processing equipment, industrial instruments, automatic control systems, and other devices.

## PART NUMBERING SYSTEM



Tape & Reel/Tape & Ammo available for lead space ≤ 10 mm  
Please contact factory for part number.

Dimensions in millimeters (mm)

Rated Voltage	50VDC/100VDC					250VDC					400VDC					630VDC				
	W	H	T	P±1	dØ	W	H	T	P±1	dØ	W	H	T	P±1	dØ	W	H	T	P±1	dØ
0.01	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6
0.015	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	13.0	7.0	10.0	0.6
0.022	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	20.0	13.0	7.0	15.0	0.6
0.033	14.0	12.0	8.0	10.0	0.6	14.0	12.0	8.0	10.0	0.6	14.0	12.0	8.0	10.0	0.6	20.0	13.0	8.0	15.0	0.6
0.047	14.0	11.0	7.0	10.0	0.6	14.0	12.0	8.0	10.0	0.6	20.0	13.0	8.0	15.0	0.6	20.0	14.5	9.0	15.0	0.6
0.068	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	20.0	13.0	8.0	15.0	0.6	26.0	14.5	9.0	21.0	0.8
0.1	14.0	10.0	6.0	10.0	0.6	14.0	11.0	8.0	10.0	0.6	20.0	13.0	8.0	15.0	0.8	26.0	16.0	10.0	21.0	0.8
0.15	18.0	12.0	7.0	15.0	0.6	20.0	12.5	8.0	15.0	0.8	26.0	14.5	8.0	22.5	0.8	26.0	18.0	11.5	21.0	0.8
0.22	18.0	12.0	7.0	15.0	0.8	20.0	13.0	9.0	15.0	0.8	26.0	15.0	10.0	22.5	0.8	32.0	20.0	11.5	27.5	0.8
0.33	18.0	13.0	8.0	15.0	0.8	20.0	15.0	10.0	15.0	0.8	26.0	19.0	11.0	22.5	0.8	32.0	22.0	13.0	27.5	0.8
0.47	18.0	15.0	10.0	15.0	0.8	26.0	16.0	10.0	20.0	0.8	32.0	18.0	11.0	27.5	0.8	32.0	24.0	15.0	27.5	0.8
0.56	18.0	17.0	12.0	15.0	0.8	26.0	17.0	10.5	20.0	0.8	32.0	20.0	11.5	27.5	0.8	36.0	25.5	17.5	31.0	0.8
0.68	24.0	16.0	9.5	20.0	0.8	26.0	19.0	11.0	20.0	0.8	32.0	21.5	12.0	27.5	0.8	36.0	26.0	18.0	31.0	0.8
1.0	24.0	17.5	11.0	20.0	0.8	32.0	20.0	11.5	27.5	0.8	32.0	25.0	16.0	27.5	0.8					
1.5	32.0	18.0	12.0	27.5	0.8	32.0	22.5	13.5	27.5	0.8										
2.2	32.0	20.0	12.0	27.5	0.8	32.0	24.0	15.0	27.5	0.8										
3.3	32.0	24.0	16.0	27.5	0.8	36.0	27.0	17.0	31.0	0.8										

Custom sizes and lead spacing available upon request

Custom values and tolerances available upon request

Specifications are subject to change without notice.

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