

Polypropylene Film Capacitors



DPPN Series
(Radial Dipped)

MERITEK

FEATURES

- Low dissipation factor and high insulation resistance
- High stability of capacitance and DF versus temperature and frequency
- Low ESR
- Non-inductive construction

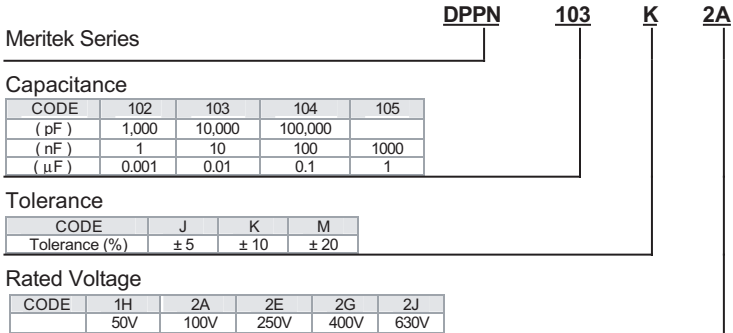
SPECIFICATIONS

1. Operating temperature: -40°C to +85°C
2. Capacitance range: 0.001μF to 0.47μF
3. Capacitance tolerance: ±5%(J), ±10%(K), ±20%(M)
4. Rated voltage: 50VDC, 100VDC, 250VDC, 400VDC, 630VDC
5. Dissipation factor: 0.1% max. at 1KHz 25°C
6. Insulation resistance: >30000MΩ (C ≤ 0.1μF)
>3000MΩ • μF (C > 0.1μF)

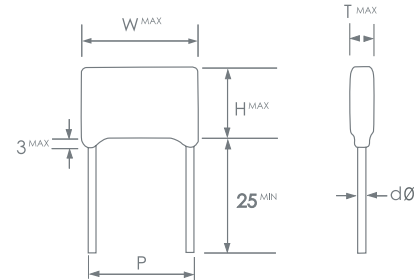


DPPN are constructed with polypropylene film dielectric, aluminum foil electrodes, tinned copper leads, and a non-inductive epoxy resin coating. They are suitable for blocking, bypass, coupling, circuit isolation, and temperature compensation. DPPN are ideal for use in telecommunication equipment, data processing equipment, industrial instruments, automatic control systems, etc.

PART NUMBERING SYSTEM



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



Dimensions in millimeters (mm)

RV DIM	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					
CAP(μF)																									
0.0010	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6
0.0015	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	7.0	7.0	0.6
0.0022	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	14.0	10.0	6.0	10.0	0.6	14.0	10.0	6.0	10.0	0.6
0.0033	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	11.0	10.0	6.0	7.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6
0.0047	11.0	10.0	6.5	7.0	0.6	11.0	10.0	6.5	7.0	0.6	14.0	11.0	7.0	10.0	0.6	14.0	12.0	7.0	10.0	0.6	14.0	12.0	7.0	10.0	0.6
0.0056	11.0	10.5	7.0	7.0	0.6	11.0	10.5	7.0	7.0	0.6	14.0	11.0	7.0	10.0	0.6	20.0	12.0	7.5	15.0	0.6	20.0	12.0	7.5	15.0	0.6
0.0068	11.0	10.5	7.0	7.0	0.6	11.0	10.5	7.0	7.0	0.6	14.0	11.0	7.0	10.0	0.6	20.0	13.0	8.0	15.0	0.6	20.0	13.0	8.0	15.0	0.6
0.010	11.0	11.0	7.0	7.0	0.6	11.0	11.0	7.0	7.0	0.6	14.0	12.0	7.5	10.0	0.6	20.0	14.0	8.0	15.0	0.6	20.0	14.0	8.0	15.0	0.6
0.015	14.0	11.0	7.0	10.0	0.6	14.0	11.0	7.0	10.0	0.6	20.0	12.0	7.5	15.0	0.6	20.0	15.0	9.0	15.0	0.6	20.0	15.0	9.0	15.0	0.6
0.022	14.0	12.0	7.5	10.0	0.6	14.0	12.0	7.5	10.0	0.6	20.0	13.0	9.0	15.0	0.6	20.0	17.0	10.0	15.0	0.6	20.0	17.0	10.0	15.0	0.6
0.033	14.0	13.5	8.0	10.0	0.6	20.0	13.0	8.0	15.0	0.6	20.0	15.0	9.5	15.0	0.6	26.0	17.0	10.0	21.0	0.8	26.0	17.0	10.0	21.0	0.8
0.047	14.0	13.5	9.0	10.0	0.6	20.0	14.0	9.0	15.0	0.6	26.0	16.0	8.0	21.0	0.8	26.0	19.0	12.0	21.0	0.8	26.0	19.0	12.0	21.0	0.8
0.056	20.0	13.0	8.0	15.0	0.6	20.0	15.0	10.0	15.0	0.6	26.0	17.0	9.0	21.0	0.8	26.0	20.0	13.0	21.0	0.8	26.0	20.0	13.0	21.0	0.8
0.068	20.0	14.0	9.0	15.0	0.6	20.0	16.0	10.0	15.0	0.6	26.0	18.0	10.0	21.0	0.8	26.0	22.0	14.0	21.0	0.8	26.0	22.0	14.0	21.0	0.8
0.10	20.0	16.0	10.0	15.0	0.6	20.0	18.0	10.0	15.0	0.8	26.0	20.0	11.0	21.0	0.8	32.0	22.0	13.0	27.0	0.8	32.0	22.0	13.0	27.0	0.8
0.15	20.0	18.0	11.0	15.0	0.8	26.0	18.0	11.0	21.0	0.8	32.0	23.0	12	27.0	0.8										
0.22	26.0	18.0	11.0	21.0	0.8	32.0	20.0	13.0	27.0	0.8															
0.33	32.0	21.0	12.0	27.0	0.8	32.0	23.0	13.0	27.0	0.8															
0.47	32.0	24.0	14.0	27.0	0.8	32.0	27.0	16.0	27.0	0.8															