

Polyester Film Capacitors



PEN Series
(Non-Inductive)

MERITEK

FEATURES

- High stability and reliability
- Excellent environmental performance
- Low equivalent series resistance
- Non-inductive construction minimizes dissipation factor

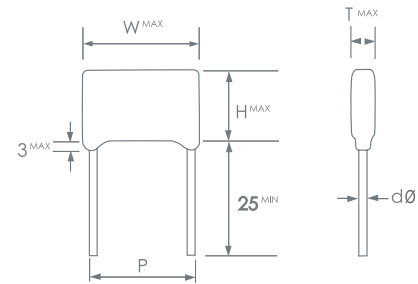
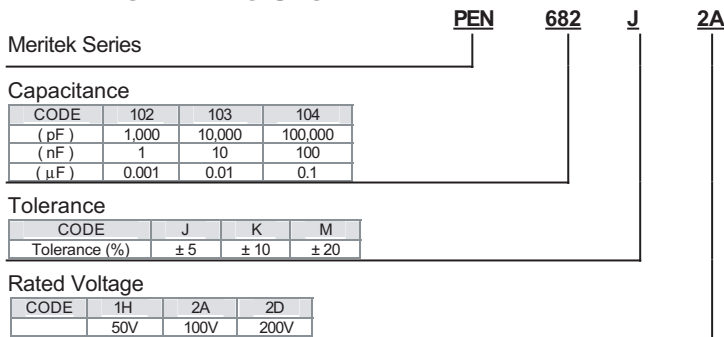
SPECIFICATIONS

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, 200VDC
5. Dissipation factor: 0.8% max. at 1KHz, 25°C
6. Insulation resistance: >20000MΩ (C ≤ 0.1μF)
>2000MΩ • μF (C > 0.1 μF)



PEN are constructed with polyester film dielectric, aluminum foil electrodes, tinned copper lead and a non-inductive epoxy resin coating. They are ideal for commercial and industrial use and are completely noiseless in small signal circuits.

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. CAP (μF)	50VDC/100VDC					200VDC				
	W	H	T	P±	dØ	W	H	T	P± 1	dØ
0.0010	10.0	8.0	5.0	7.0±1.0	0.6	10.0	8.0	5.0	7.0±1.0	0.6
0.0015	10.0	8.0	5.0	7.0±1.0	0.6	10.0	8.0	5.0	7.0±1.0	0.6
0.0022	10.0	8.0	5.0	7.0±1.0	0.6	10.0	8.0	5.0	7.0±1.0	0.6
0.0033	10.0	8.0	5.0	7.0±1.0	0.6	10.0	8.0	5.0	7.0±1.0	0.6
0.0047	10.0	8.5	5.0	7.0±1.0	0.6	10.0	8.5	5.0	7.0±1.0	0.6
0.0068	10.0	8.5	5.0	7.0±1.0	0.6	10.0	8.5	5.0	7.0±1.0	0.6
0.01	10.0	8.5	5.0	7.0±1.0	0.6	12.0	9.0	6.0	8.0±1.0	0.6
0.015	12.0	9.0	5.5	8.0±1.0	0.6	14.0	10.0	6.0	10.0±1.5	0.6
0.022	12.0	9.0	6.0	8.0±1.0	0.6	14.0	11.0	6.0	10.0±1.5	0.6
0.033	14.0	10.0	6.0	10.0±1.5	0.6	14.0	13.0	7.0	10.0±1.5	0.6
0.047	14.0	11.0	6.5	10.0±1.5	0.6	16.0	10.0	6.5	12.0±1.5	0.6
0.068	14.0	11.0	6.5	10.0±1.5	0.6	16.0	12.5	7.8	12.0±1.5	0.8
0.10	14.0	13.0	8.0	10.0±1.5	0.6	20.0	17.0	9.0	15.0±1.5	0.8
0.15	20.0	14.0	8.0	16.0±1.5	0.8	20.0	18.0	10.0	15.0±1.5	0.8
0.22	20.0	16.0	9.0	16.0±1.5	0.8	26.0	21.0	10.5	21.5±1.5	0.8
0.33	20.0	18.0	11.0	16.0±1.5	0.8	26.0	22.0	11.5	21.5±1.5	0.8
0.47	26.0	21.0	11.0	21.0±1.5	0.8	31.0	24.0	13.0	27.5±1.5	0.8