

Metallized Polyester Film Capacitors



DMPE Series
(Radial Dipped)

MERITEK

FEATURES

- High moisture resistance
- Good solderability
- Non-inductive construction
- Self-healing properties

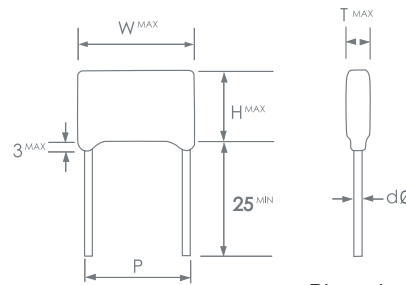
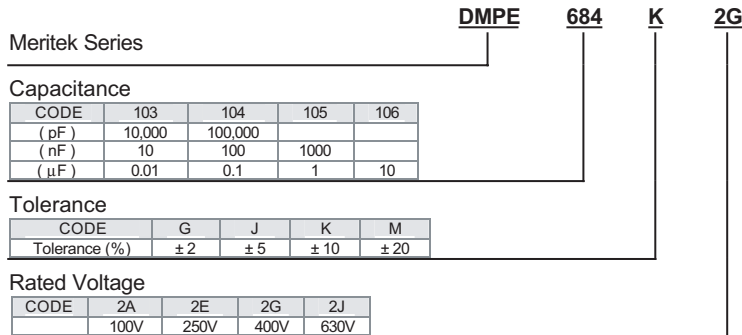
SPECIFICATIONS

1. Operating temperature: -40°C to +85 °C
2. Capacitance range: 0.01μF to 10μF
3. Capacitance tolerance: ±2%(G), ±5%(J), ±10%(K), ±20%(M)
4. Rated voltage: 100VDC, 250VDC, 400VDC, 630VDC
5. Dissipation factor: 1.0% max. at 1KHz, 25°C
6. Insulation resistance: >30000MΩ (C ≤ 0.33μF)
>10000MΩ • μF (C > 0.33μF)



DMPE are constructed with metallized polyester film dielectric, tinned copper leads, and an epoxy resin coating. Applications include blocking, coupling and decoupling, filtering, and bypassing. They are ideal for use in telecommunication equipment, industrial instruments, automatic control systems, and other electronic apparatus.

PART NUMBERING SYSTEM



Dimensions in millimeters (mm)

RV DIM.	100V(2A)					250V(2E)					400V(2G)					630V(2J)				
CAP(μF)	W	H	T	P±1	dØ	W	H	T	P±1	dØ	W	H	T	P±1	dØ	W	H	T	P±1	dØ
0010	130	95	60	100	06	130	95	60	100	06	130	95	60	100	06	130	95	60	100	06
0012	130	100	65	100	06	130	100	65	100	06	130	100	65	100	06	130	100	65	100	06
0015	130	100	65	100	06	130	100	65	100	06	130	100	65	100	06	130	100	65	100	06
0018	130	100	65	100	06	130	100	65	100	06	130	100	65	100	06	130	125	75	100	06
0022	130	100	65	100	06	130	100	65	100	06	130	100	65	100	06	130	125	75	100	06
0027	130	100	65	100	06	130	100	65	100	06	130	100	65	100	06	130	125	75	100	06
0033	130	100	65	100	06	130	100	65	100	06	130	100	65	100	06	130	125	85	100	06
0039	130	110	75	100	06	130	110	75	100	06	130	110	75	100	06	185	125	75	150	06
0047	130	110	75	100	06	130	110	75	100	06	130	110	75	100	06	185	125	75	150	06
0055	135	100	70	100	06	135	100	70	100	06	180	110	60	150	06	190	140	85	150	08
0063	135	100	70	100	06	135	100	70	100	06	180	110	60	150	06	190	140	85	150	08
0082	135	100	60	100	06	135	100	65	100	06	180	125	70	150	06	190	150	90	150	08
01	135	100	60	100	06	135	100	65	100	06	180	125	70	150	06	190	150	90	150	08
012	135	105	65	100	06	135	105	65	100	06	185	130	75	150	08	240	155	95	200	08
015	135	105	65	100	06	135	105	65	100	06	185	130	75	150	08	240	155	95	200	08
018	135	105	65	100	06	185	115	70	150	06	185	130	80	150	08	240	185	105	200	08
022	135	105	65	100	06	185	115	70	150	06	185	130	80	150	08	240	185	105	200	08
027	135	115	80	100	06	185	130	80	150	06	240	160	90	200	08	240	215	130	200	08
033	135	115	80	100	06	185	130	80	150	06	240	160	90	200	08	240	215	130	200	08
039	180	115	65	150	08	185	140	80	150	08	240	180	100	200	08	305	210	115	275	08
047	180	115	65	150	08	185	140	80	150	08	240	180	100	200	08	305	210	115	275	08
055	185	125	75	150	08	240	140	90	200	08	305	175	100	275	08	350	230	130	310	08
063	185	125	75	150	08	240	140	90	200	08	305	175	100	275	08	350	230	130	310	08
082	185	150	80	150	08	240	170	95	200	08	310	210	115	275	08	350	280	160	310	08
10	185	150	85	150	08	240	170	95	200	08	310	210	115	275	08	350	280	160	310	08
12	240	160	90	200	08	240	195	100	200	08	315	240	140	275	08					
15	240	160	90	200	08	240	195	100	200	08	315	240	140	275	08					
18	240	170	90	200	08	300	190	100	275	08	350	245	150	310	08					
22	240	170	90	200	08	300	190	100	275	08	350	245	150	310	08					
27	240	195	110	200	08	305	225	125	275	08	350	300	180	310	08					
33	240	195	110	200	08	305	225	125	275	08	350	300	180	310	08					
39	310	220	120	275	08	340	230	130	310	08	410	310	190	360	08					
47	310	220	120	275	08	340	230	130	310	08	410	310	190	360	08					
68	310	250	150	275	08															
10	310	260	160	275	08															

Custom sizes and leads spacing available upon request
Custom values and tolerances available upon request

Specifications are subject to change without notice.