

Metallized Polyester Film Capacitors - AC use



AMPE Series
(Radial Dipped)

MERITEK

FEATURES

- Excellent self-healing properties guarantee high reliability
- Not susceptible to the stress caused by excessive voltage
- Non-inductive construction
- Flame retardant epoxy resin coating
(In compliance with UL 94V-0)

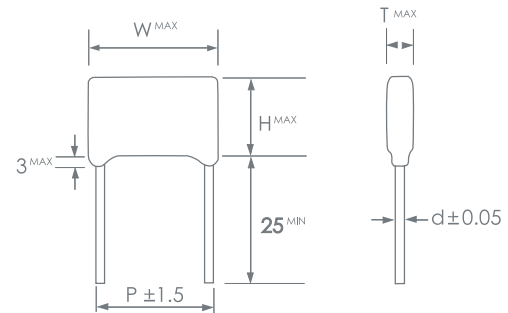
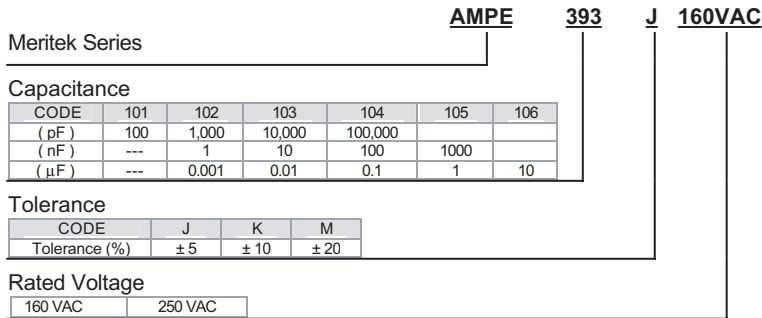
SPECIFICATIONS

1. Operating temperature: -40°C to +85°C
2. Capacitance range: 0.01μF to 4.7μF
3. Capacitance tolerance: ±5%(J), ±10%(K), ±20%(M)
4. Rated voltage: 160VAC, 250VAC
5. Dissipation factor: 1.0% max. at 1KHz, 25°C
6. Insulation resistance: $C_R \leq 0.33 \mu F \geq 36000 M\Omega$
 $C_R > 0.33 \mu F \geq 12000 s$



AMPE are constructed with metallized polyester film dielectric, tinned copper leads, and a flame retardant epoxy resin coating. They can be used as across-the-line type noise suppression capacitors.

PART NUMBERING SYSTEM



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

Dimensions in millimeters (mm)

RV	160VAC					250VAC					RV	160VAC					250VAC				
	DIM. CAP(μF)	W	H	T	P	dØ	W	H	T	P		dØ	DIM. CAP(μF)	W	H	T	P	dØ	W	H	T
0.01	12.5	10.5	6.0	8.5	0.6	15.5	11.0	6.0	11.0	0.6	0.27	20.5	16.5	11.0	15.0	0.6	26.0	20.0	12.5	21.0	0.8
0.012	12.5	10.5	6.5	8.5	0.6	15.5	11.5	6.0	11.0	0.6	0.33	26.0	17.0	10.0	21.0	0.8	26.0	20.5	13.5	21.0	0.8
0.015	12.5	11.0	6.5	8.5	0.6	15.5	11.5	6.5	11.0	0.6	0.39	26.0	18.5	11.0	21.0	0.8	26.0	21.5	14.0	21.0	0.8
0.018	12.5	12.0	6.5	8.5	0.6	15.5	11.5	7.0	11.0	0.6	0.47	26.0	19.0	11.5	21.0	0.8	37.0	22.5	13.0	31.0	0.8
0.022	15.5	10.5	6.0	11.0	0.6	15.5	12.0	7.0	11.0	0.6	0.56	26.0	20.5	13.0	21.0	0.8	37.0	23.5	14.0	31.0	0.8
0.027	15.5	11.0	6.0	11.0	0.6	15.5	12.0	7.5	11.0	0.6	0.68	26.0	21.0	13.5	21.0	0.8	37.0	24.5	15.5	31.0	1.0
0.033	15.5	11.0	6.5	11.0	0.6	15.5	12.5	8.0	11.0	0.6	0.82	26.0	22.5	15.0	21.0	0.8	37.0	26.0	17.0	31.0	1.0
0.039	15.5	12.0	7.0	11.0	0.6	15.5	13.0	8.5	11.0	0.6	1.0	37.0	22.0	12.5	31.0	0.8	42.0	26.5	17.0	36.0	1.0
0.047	15.5	12.0	7.0	11.0	0.6	18.0	12.5	8.0	13.5	0.6	1.2	37.0	23.0	14.0	31.0	0.8	42.0	28.0	18.5	36.0	1.0
0.056	15.5	12.5	7.5	11.0	0.6	18.0	13.0	8.5	13.5	0.6	1.5	37.0	24.0	15.0	31.0	1.0	42.0	29.0	19.5	36.0	1.0
0.068	15.5	12.5	7.5	11.0	0.6	18.0	13.5	9.0	13.5	0.6	1.8	37.0	25.0	16.5	31.0	1.0	42.0	30.0	21.0	36.0	1.0
0.082	15.5	12.5	8.0	11.0	0.6	18.0	14.0	9.5	13.5	0.6	2.2	42.0	25.5	17.0	36.0	1.0	42.0	32.5	23.5	36.0	1.0
0.1	20.5	13.0	8.0	15.0	0.6	26.0	14.5	9.0	21.0	0.8	2.7	42.0	27.0	18.5	36.0	1.0					
0.12	20.5	13.5	9.0	15.0	0.6	26.0	15.0	9.5	21.0	0.8	3.3	42.0	28.5	20.5	36.0	1.0					
0.15	20.5	14.5	9.0	15.0	0.6	26.0	16.5	10.0	21.0	0.8	3.9	42.0	30.0	22.5	36.0	1.0					
0.18	20.5	15.0	9.5	15.0	0.6	26.0	17.5	11.0	21.0	0.8	4.7	42.0	32.0	24.0	36.0	1.0					
0.22	20.5	16.0	10.5	15.0	0.6	26.0	19.0	12.0	21.0	0.8											