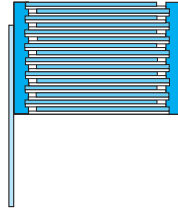


# Metallized Polypropylene Capacitor Box

FILM CAPACITORS



- Metallized Polypropylene Film
- Metal Spray Layer
- Connecting Wire

MSB

## ELECTRICAL CHARACTERISTICS:

MSB are consist of non-inductively wound with metallized polypropylene dielectric/electrode and copper-clad steel leads encapsulated in a plastic case sealed with epoxy resin. These capacitors are for applications where high currents at high frequencies, high stability is required and especially for S-correction of CRT circuit, high frequency lighting ballast and resonance type switching power supplies.

## FEATURES:

For high frequency (100K Hz) and high current application. Low dissipation factor at high frequency. Flame retardant plastic case and epoxy resin sealing (compliance with UL94V-0)

## SPECIFICATION:

1. Operating Temperature: -40 ~ +85°C
2. Capacitance Range: .047 ~ 3.3μF
3. Capacitance Tolerance: ±3%(H), ±5%(J), ±10%(K)
4. Rated Voltage: 250VDC, 400VDC
5. Dissipation Factor (DF%): at +25°C

K Hz	0.01μF<C≤0.33μF	0.33μF<C≤1.0μF	1.0μF<C≤3.0μF	3.0μF<C≤4.7μF
1	≤0.05	≤0.05	≤0.05	≤0.05
100	≤0.30	≤0.60	≤0.90	≤1.60

6. Insulation Resistance: ≥ 50000M Ω For C ≤1.0μF  
≥ 50000M Ω·μF For C >1.0μF

dø=0.8mm

Unit:mm

R.V.	250VDC				400VDC				
	SIZE	L	H	T	P	L	H	T	P
CAP									
0.047						13.0	13.0	7.0	10.0
0.056						13.0	13.0	7.0	10.0
0.068						18.0	12.0	6.0	15.0
0.082						18.0	12.0	6.0	15.0
0.10	18.0	11.0	5.0	15.0	18.0	13.5	7.5	15.0	
0.12	18.0	11.0	5.0	15.0	18.0	13.5	7.5	15.0	
0.15	18.0	12.0	6.0	15.0	18.0	14.5	8.5	15.0	
0.18	18.0	12.0	6.0	15.0	18.0	14.5	8.5	15.0	
0.22	18.0	13.5	7.5	15.0	18.0	16.0	10.0	15.0	
0.27	18.0	14.5	8.5	15.0	26.5	15.0	6.0	22.5	
0.33	18.0	16.5	10.0	15.0	26.5	16.5	7.0	22.5	
0.39	26.5	16.5	7.0	22.5	26.5	17.0	8.5	22.5	
0.47	26.5	16.5	7.0	22.5	26.5	17.0	8.5	22.5	
0.56	26.5	16.5	7.0	22.5	32.0	20.0	11.0	27.5	
0.68	26.5	17.0	8.5	22.5	32.0	20.0	11.0	27.5	
0.82	26.5	19.0	10.0	22.5	32.0	22.0	13.0	27.5	
1.0	26.5	20.0	11.0	22.5	32.0	22.0	13.0	27.5	
1.2	32.0	20.0	11.0	27.5	32.0	24.5	14.0	27.5	
1.5	32.0	22.0	13.0	27.5					
1.8	32.0	22.0	13.0	27.5					
2.2	32.0	25.5	16.0	27.5					
2.7	32.0	26.0	18.0	27.5					
3.3	32.0	31.0	22.0	27.5					

Film Capacitors