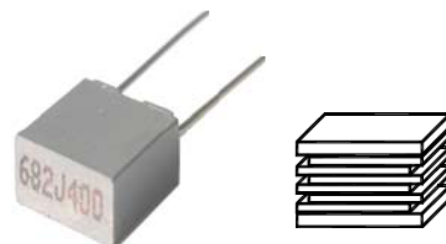


Metallized Polyester Film Capacitor, MiniBox P=5.0mm/Stacked

Features

- Metallized polyester film, stacked construction
- Plastic case (UL94 V-0), Epoxy resin sealing
- Include high performance and miniature size type
- RoHS compliant



Typical Applications

- By-passing, blocking, coupling, decoupling
- Pulse logic, timing, oscillator circuits
- Invert for LCD monitors, automotive DC motor suppression



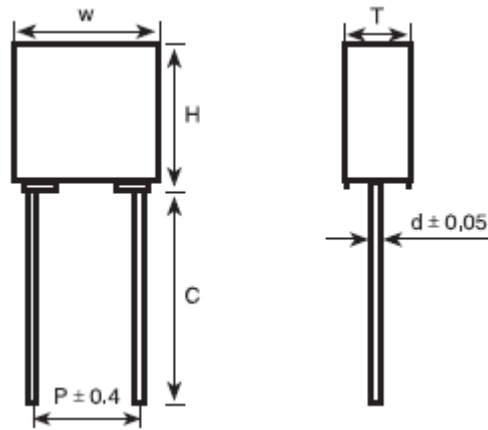
Constructions

Specification

Description		Symbol	Value		Conditions
			High Performance	Miniature	
Reference Standard			GB/T 7332 (IEC 60384-2)		
Climatic Category		T _{CL} /T _{CU} /Day	55/125/56		
Rated Temperature		T _R	85°C		
Operation Temperature Range		T _{OP}	-55°C ~ +125°C		+85°C to +125°C :decreasing factor 1.25% per °C for URDC
Capacitance Range		C _R	0.001μF ~1.0μF	0.001μF ~2.2μF	
Capacitance Tolerance			±5%(J), ±10%(K), ±20%(M)		1KHz, 3%U _R (Vrms) max.
Rated Voltage Range		U _{RDC}	50V~630V	50V~700V	≤85°C
Withstanding Test Voltage		U _{OL}	1.6U _R	1.4U _R	5s
Max Dissipation Factor		tan δ	1.0%		1KHz
			1.5%		10KHz
			3.0%		100KHz, C _R ≤0.1μF
Insulation Resistance	U _R >100V,C _R ≤0.33μF	R _{INS}	≥30,000MΩ		20°C, 100V, 60s
	U _R >100V,C _R >0.33μF		≥10,000s		20°C, 100V, 60s
	U _R ≤100V,C _R ≤0.33μF		≥15,000MΩ		20°C, 10V, 60s
	U _R ≤100V,C _R >0.33μF		≥5,000s		20°C, 10V, 60s
Rated Voltage Pulse Slope If working voltage(U) is lower than U _R dv/dt(Max) =dv/dt(Rated) * U _R /U		dv/dt	250 (V/us)	75 (V/us)	U _R =50V/63V
			300 (V/us)	85 (V/us)	U _R =100V
			400 (V/us)	100 (V/us)	U _R =250V
			600 (V/us)	150 (V/us)	U _R =400V
			700 (V/us)	200 (V/us)	U _R =500V
			800 (V/us)	200 (V/us)	U _R =630V
			-	250 (V/us)	U _R =700V

MEBS Series

Dimensions (in mm)



Note:

1. C=standard lead length (18mm~22mm).
2. If capacitor thickness $T \leq 3.5\text{mm}$, the dimension tolerance of W, H, T is $\pm 0.2\text{mm}$.
If capacitor thickness $T > 3.5\text{mm}$, the dimension tolerance of W, H, T is $\pm 0.4\text{mm}$.

High Performance Type

PN	Cap. (μF)	Rated Voltage (VDC)	W	P ± 0.4	H	T	d ± 0.05
MEBS102*50P-7.2P5S	0.001	50	7.2	5	6.5	2.5	0.5
MEBS102*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS102*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS102*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS102*500P-7.2P5S		500	7.2	5	6.5	2.5	0.5
MEBS102*630P-7.2P5S		630	7.2	5	6.5	2.5	0.5
MEBS122*50P-7.2P5S	0.0012	50	7.2	5	6.5	2.5	0.5
MEBS122*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS122*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS122*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS122*500P-7.2P5S		500	7.2	5	6.5	2.5	0.5
MEBS122*630P-7.2P5S		630	7.2	5	6.5	2.5	0.5
MEBS152*50P-7.2P5S	0.0015	50	7.2	5	6.5	2.5	0.5
MEBS152*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS152*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS152*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS152*500P-7.2P5S		500	7.2	5	6.5	2.5	0.5
MEBS152*630P-7.2P5S		630	7.2	5	6.5	2.5	0.5

METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

PN	Cap. (μ F)	Rated Voltage (VDC)	W	P $\pm$ 0.4	H	T	d $\pm$ 0.05
MEBS182*50P-7.2P5S	0.0018	50	7.2	5	6.5	2.5	0.5
MEBS182*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS182*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS182*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS182*500P-7.2P5S		500	7.2	5	6.5	2.5	0.5
MEBS182*630P-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS222*50P-7.2P5S	0.0022	50	7.2	5	6.5	2.5	0.5
MEBS222*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS222*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS222*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS222*500P-7.2P5S		500	7.2	5	6.5	2.5	0.5
MEBS222*630P-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS272*50P-7.2P5S	0.0027	50	7.2	5	6.5	2.5	0.5
MEBS272*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS272*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS272*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS272*500P-7.2P5S		500	7.2	5	6.5	2.5	0.5
MEBS272*630P-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS332*50P-7.2P5S	0.0033	50	7.2	5	6.5	2.5	0.5
MEBS332*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS332*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS332*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS332*500P-7.2P5S		500	7.2	5	7.5	3.5	0.5
MEBS332*630P-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS392*50P-7.2P5S	0.0039	50	7.2	5	6.5	2.5	0.5
MEBS392*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS392*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS392*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS392*500P-7.2P5S		500	7.2	5	7.5	3.5	0.5
MEBS392*630P-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS472*50P-7.2P5S	0.0047	50	7.2	5	6.5	2.5	0.5
MEBS472*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS472*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS472*400P-7.2P5S		400	7.2	5	6.5	2.5	0.5
MEBS472*500P-7.2P5S		500	7.2	5	7.5	3.5	0.5
MEBS472*630P-7.2P5S		630	7.2	5	9.5	4.5	0.6

METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

PN	Cap. (μ F)	Rated Voltage (VDC)	W	P $\pm$ 0.4	H	T	d $\pm$ 0.05
MEBS562*50P-7.2P5S	0.0056	50	7.2	5	6.5	2.5	0.5
MEBS562*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS562*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS562*400P-7.2P5S		400	7.2	5	7.5	3.5	0.5
MEBS562*500P-7.2P5S		500	7.2	5	7.5	3.5	0.5
MEBS562*630P-7.2P5S		630	7.2	5	9.5	4.5	0.6
MEBS682*50P-7.2P5S	0.0068	50	7.2	5	6.5	2.5	0.5
MEBS682*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS682*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS682*400P-7.2P5S		400	7.2	5	7.5	3.5	0.5
MEBS682*500P-7.2P5S		500	7.2	5	9.5	4.5	0.6
MEBS682*630P-7.2P5S		630	7.2	5	9.5	4.5	0.6
MEBS822*50P-7.2P5S	0.0082	50	7.2	5	6.5	2.5	0.5
MEBS822*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS822*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS822*400P-7.2P5S		400	7.2	5	7.5	3.5	0.5
MEBS822*500P-7.2P5S		500	7.2	5	9.5	4.5	0.6
MEBS822*630P-7.2P5S		630	7.2	5	9.5	4.5	0.6
MEBS103*50P-7.2P5S	0.01	50	7.2	5	6.5	2.5	0.5
MEBS103*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS103*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS103*400P-7.2P5S		400	7.2	5	7.5	3.5	0.5
MEBS103*500P-7.2P5S		500	7.2	5	9.5	4.5	0.6
MEBS103*630P-7.2P5S		630	7.2	5	10	5	0.6
MEBS123*50P-7.2P5S	0.012	50	7.2	5	6.5	2.5	0.5
MEBS123*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS123*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS123*400P-7.2P5S		400	7.2	5	9.5	4.5	0.6
MEBS123*500P-7.2P5S		500	7.2	5	9.5	4.5	0.6
MEBS123*630P-7.2P5S		630	7.2	5	11	6	0.6
MEBS153*50P-7.2P5S	0.015	50	7.2	5	6.5	2.5	0.5
MEBS153*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS153*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS153*400P-7.2P5S		400	7.2	5	9.5	4.5	0.6
MEBS153*500P-7.2P5S		500	7.2	5	10	5	0.6
MEBS153*630P-7.2P5S		630	7.2	5	11	6	0.6

METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

PN	Cap. (μ F)	Rated Voltage (VDC)	W	P $\pm$ 0.4	H	T	d $\pm$ 0.05
MEBS183*50P-7.2P5S	0.018	50	7.2	5	6.5	2.5	0.5
MEBS183*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS183*250P-7.2P5S		250	7.2	5	6.5	2.5	0.5
MEBS183*400P-7.2P5S		400	7.2	5	9.5	4.5	0.6
MEBS183*500P-7.2P5S		500	7.2	5	11	6	0.6
MEBS183*630P-7.2P5S		630	7.2	5	11	6	0.6
MEBS223*50P-7.2P5S	0.022	50	7.2	5	6.5	2.5	0.5
MEBS223*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS223*250P-7.2P5S		250	7.2	5	7.5	3.5	0.5
MEBS223*400P-7.2P5S		400	7.2	5	10	5	0.6
MEBS223*500P-7.2P5S		500	7.2	5	11	6	0.6
MEBS273*50P-7.2P5S	0.027	50	7.2	5	6.5	2.5	0.5
MEBS273*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS273*250P-7.2P5S		250	7.2	5	7.5	3.5	0.5
MEBS273*400P-7.2P5S		400	7.2	5	11	6	0.6
MEBS273*500P-7.2P5S		500	7.2	5	11	6	0.6
MEBS333*50P-7.2P5S	0.033	50	7.2	5	6.5	2.5	0.5
MEBS333*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS333*250P-7.2P5S		250	7.2	5	7.5	3.5	0.5
MEBS333*400P-7.2P5S		400	7.2	5	11	6	0.6
MEBS393*50P-7.2P5S	0.039	50	7.2	5	6.5	2.5	0.5
MEBS393*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS393*250P-7.2P5S		250	7.2	5	7.5	3.5	0.5
MEBS393*400P-7.2P5S		400	7.2	5	11	6	0.6
MEBS473*50P-7.2P5S	0.047	50	7.2	5	6.5	2.5	0.5
MEBS473*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS473*250P-7.2P5S		250	7.2	5	9.5	4.5	0.6
MEBS473*400P-7.2P5S		400	7.2	5	11	6	0.6
MEBS563*50P-7.2P5S	0.056	50	7.2	5	6.5	2.5	0.5
MEBS563*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS563*250P-7.2P5S		250	7.2	5	9.5	4.5	0.6
MEBS683*50P-7.2P5S	0.068	50	7.2	5	6.5	2.5	0.5
MEBS683*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS683*250P-7.2P5S		250	7.2	5	9.5	4.5	0.6
MEBS823*50P-7.2P5S	0.082	50	7.2	5	6.5	2.5	0.5
MEBS823*100P-7.2P5S		100	7.2	5	6.5	2.5	0.5
MEBS823*250P-7.2P5S		250	7.2	5	10	5	0.6

METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

PN	Cap. (μ F)	Rated Voltage (VDC)	W	P $\pm$ 0.4	H	T	d $\pm$ 0.05
MEBS104*50P-7.2P5S	0.1	50	7.2	5	6.5	2.5	0.5
MEBS104*100P-7.2P5S		100	7.2	5	7.5	3.5	0.5
MEBS104*250P-7.2P5S		250	7.2	5	10	5	0.6
MEBS124*50P-7.2P5S	0.12	50	7.2	5	6.5	2.5	0.5
MEBS124*100P-7.2P5S		100	7.2	5	9.5	4.5	0.6
MEBS124*250P-7.2P5S		250	7.2	5	11	6	0.6
MEBS154*50P-7.2P5S	0.15	50	7.2	5	7.5	3.5	0.5
MEBS154*100P-7.2P5S		100	7.2	5	9.5	4.5	0.6
MEBS154*250P-7.2P5S		250	7.2	5	11	6	0.6
MEBS184*50P-7.2P5S	0.18	50	7.2	5	7.5	3.5	0.5
MEBS184*100P-7.2P5S		100	7.2	5	9.5	4.5	0.6
MEBS224*50P-7.2P5S	0.22	50	7.2	5	7.5	3.5	0.5
MEBS224*100P-7.2P5S		100	7.2	5	10	5	0.6
MEBS274*50P-7.2P5S	0.27	50	7.2	5	9.5	4.5	0.6
MEBS274*100P-7.2P5S		100	7.2	5	10	5	0.6
MEBS334*50P-7.2P5S	0.33	50	7.2	5	9.5	4.5	0.6
MEBS334*100P-7.2P5S		100	7.2	5	11	6	0.6
MEBS394*50P-7.2P5S	0.39	50	7.2	5	9.5	4.5	0.6
MEBS394*100P-7.2P5S		100	7.2	5	11	6	0.6
MEBS474*50P-7.2P5S	0.47	50	7.2	5	10	5	0.6
MEBS474*100P-7.2P5S		100	7.2	5	11	6	0.6
MEBS564*50P-7.2P5S	0.56	50	7.2	5	10	5	0.6
MEBS564*100P-7.2P5S		100	7.2	5	11	6	0.6
MEBS684*50P-7.2P5S	0.68	50	7.2	5	11	6	0.6
MEBS824*50P-7.2P5S	0.82	50	7.2	5	11	6	0.6
MEBS105*50P-7.2P5S	1.0	50	7.2	5	11	6	0.6

Note: *= capacitance tolerance code, M= $\pm$ 20%, K= $\pm$ 10%, J= $\pm$ 5%.

METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

Miniature Size Type

PN	Cap. (μ F)	Rated Voltage (VDC)	W	P $\pm$ 0.4	H	T	d $\pm$ 0.05
MEBS102*700-7.2P5S	0.001	700	7.2	5	6.5	2.5	0.5
MEBS122*700-7.2P5S	0.0012	700	7.2	5	6.5	2.5	0.5
MEBS152*700-7.2P5S	0.0015	700	7.2	5	6.5	2.5	0.5
MEBS182*500-7.2P5S	0.0018	500	7.2	5	6.5	2.5	0.5
MEBS182*630-7.2P5S		630	7.2	5	6.5	2.5	0.5
MEBS182*700-7.2P5S		700	7.2	5	6.5	2.5	0.5
MEBS222*500-7.2P5S	0.0022	500	7.2	5	6.5	2.5	0.5
MEBS222*630-7.2P5S		630	7.2	5	6.5	2.5	0.5
MEBS222*700-7.2P5S		700	7.2	5	6.5	2.5	0.5
MEBS272*500-7.2P5S	0.0027	500	7.2	5	6.5	2.5	0.5
MEBS272*630-7.2P5S		630	7.2	5	6.5	2.5	0.5
MEBS272*700-7.2P5S		700	7.2	5	6.5	2.5	0.5
MEBS332*500-7.2P5S	0.0033	500	7.2	5	6.5	2.5	0.5
MEBS332*630-7.2P5S		630	7.2	5	6.5	2.5	0.5
MEBS332*700-7.2P5S		700	7.2	5	7.5	3.5	0.5
MEBS392*500-7.2P5S	0.0039	500	7.2	5	6.5	2.5	0.5
MEBS392*630-7.2P5S		630	7.2	5	6.5	2.5	0.5
MEBS392*700-7.2P5S		700	7.2	5	7.5	3.5	0.5
MEBS472*500-7.2P5S	0.0047	500	7.2	5	6.5	2.5	0.5
MEBS472*630-7.2P5S		630	7.2	5	6.5	2.5	0.5
MEBS472*700-7.2P5S		700	7.2	5	7.5	3.5	0.5
MEBS562*400-7.2P5S	0.0056	400	7.2	5	6.5	2.5	0.5
MEBS562*500-7.2P5S		500	7.2	5	7.5	3.5	0.5
MEBS562*630-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS562*700-7.2P5S		700	7.2	5	7.5	3.5	0.5
MEBS682*400-7.2P5S	0.0068	400	7.2	5	6.5	2.5	0.5
MEBS682*500-7.2P5S		500	7.2	5	7.5	3.5	0.5
MEBS682*630-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS682*700-7.2P5S		700	7.2	5	7.5	3.5	0.5
MEBS822*400-7.2P5S	0.0082	400	7.2	5	6.5	2.5	0.5
MEBS822*500-7.2P5S		500	7.2	5	7.5	3.5	0.5
MEBS822*630-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS822*700-7.2P5S		700	7.2	5	9.5	4.5	0.6
MEBS103*400-7.2P5S	0.01	400	7.2	5	6.5	2.5	0.5
MEBS103*500-7.2P5S		500	7.2	5	7.5	3.5	0.5
MEBS103*630-7.2P5S		630	7.2	5	7.5	3.5	0.5
MEBS103*700-7.2P5S		700	7.2	5	9.5	4.5	0.6

METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

PN	Cap. (μ F)	Rated Voltage (VDC)	W	P $\pm$ 0.4	H	T	d $\pm$ 0.05
MEBS123*400-7.2P5S	0.012	400	7.2	5	6.5	2.5	0.5
MEBS123*500-7.2P5S		500	7.2	5	9.5	4.5	0.6
MEBS123*630-7.2P5S		630	7.2	5	9.5	4.5	0.6
MEBS123*700-7.2P5S		700	7.2	5	9.5	4.5	0.6
MEBS153*400-7.2P5S	0.015	400	7.2	5	7.5	3.5	0.5
MEBS153*500-7.2P5S		500	7.2	5	9.5	4.5	0.6
MEBS153*630-7.2P5S		630	7.2	5	9.5	4.5	0.6
MEBS153*700-7.2P5S		700	7.2	5	10.0	5.0	0.6
MEBS183*400-7.2P5S	0.018	400	7.2	5	7.5	3.5	0.5
MEBS183*500-7.2P5S		500	7.2	5	9.5	4.5	0.6
MEBS183*630-7.2P5S		630	7.2	5	9.5	4.5	0.6
MEBS183*700-7.2P5S		700	7.2	5	10.0	5.0	0.6
MEBS223*250-7.2P5S	0.022	250	7.2	5	6.5	2.5	0.5
MEBS223*400-7.2P5S		400	7.2	5	7.5	3.5	0.5
MEBS223*500-7.2P5S		500	7.2	5	10.0	5.0	0.6
MEBS223*630-7.2P5S		630	7.2	5	10.0	5.0	0.6
MEBS223*700-7.2P5S		700	7.2	5	11.0	6.0	0.6
MEBS273*250-7.2P5S	0.027	250	7.2	5	6.5	2.5	0.5
MEBS273*400-7.2P5S		400	7.2	5	7.5	3.5	0.5
MEBS273*500-7.2P5S		500	7.2	5	11.0	6.0	0.6
MEBS273*630-7.2P5S		630	7.2	5	11.0	6.0	0.6
MEBS333*250-7.2P5S	0.033	250	7.2	5	6.5	2.5	0.5
MEBS333*400-7.2P5S		400	7.2	5	9.5	4.5	0.6
MEBS333*500-7.2P5S		500	7.2	5	11.0	6.0	0.6
MEBS333*630-7.2P5S		630	7.2	5	11.0	6.0	0.6
MEBS393*250-7.2P5S	0.039	250	7.2	5	7.5	3.5	0.5
MEBS393*400-7.2P5S		400	7.2	5	9.5	4.5	0.6
MEBS473*250-7.2P5S	0.047	250	7.2	5	7.5	3.5	0.5
MEBS473*400-7.2P5S		400	7.2	5	9.5	4.5	0.6
MEBS513*400-7.2P5S	0.051	400	7.2	5	10.0	5.0	0.6
MEBS563*250-7.2P5S	0.056	250	7.2	5	7.5	3.5	0.5
MEBS563*400-7.2P5S		400	7.2	5	11.0	6.0	0.6
MEBS683*250-7.2P5S	0.068	250	7.2	5	7.5	3.5	0.5
MEBS683*400-7.2P5S		400	7.2	5	11.0	6.0	0.6
MEBS823*250-7.2P5S	0.082	250	7.2	5	9.5	4.5	0.6
MEBS823*400-7.2P5S		400	7.2	5	11.0	6.0	0.6

METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

PN	Cap. (μ F)	Rated Voltage (VDC)	W	P $\pm$ 0.4	H	T	d $\pm$ 0.05
MEBS104*100-7.2P5S	0.1	100	7.2	5	6.5	2.5	0.5
MEBS104*250-7.2P5S		250	7.2	5	9.5	4.5	0.6
MEBS104*400-7.2P5S		400	7.2	5	11.0	6.0	0.6
MEBS124*100-7.2P5S	0.12	100	7.2	5	6.5	2.5	0.5
MEBS124*250-7.2P5S		250	7.2	5	9.5	4.5	0.6
MEBS154*50-7.2P5S	0.15	50	7.2	5	6.5	2.5	0.5
MEBS154*63-7.2P5S		63	7.2	5	6.5	2.5	0.5
MEBS154*100-7.2P5S		100	7.2	5	7.5	3.5	0.5
MEBS154*250-7.2P5S		250	7.2	5	10.0	5.0	0.6
MEBS184*50-7.2P5S	0.18	50	7.2	5	6.5	2.5	0.5
MEBS184*63-7.2P5S		63	7.2	5	6.5	2.5	0.5
MEBS184*100-7.2P5S		100	7.2	5	7.5	3.5	0.5
MEBS184*250-7.2P5S		250	7.2	5	11.0	6.0	0.6
MEBS224*50-7.2P5S	0.22	50	7.2	5	6.5	2.5	0.5
MEBS224*63-7.2P5S		63	7.2	5	6.5	2.5	0.5
MEBS224*100-7.2P5S		100	7.2	5	7.5	3.5	0.5
MEBS224*250-7.2P5S		250	7.2	5	11.0	6.0	0.6
MEBS274*50-7.2P5S	0.27	50	7.2	5	6.5	2.5	0.5
MEBS274*63-7.2P5S		63	7.2	5	6.5	2.5	0.5
MEBS274*100-7.2P5S		100	7.2	5	9.5	4.5	0.6
MEBS334*50-7.2P5S	0.33	50	7.2	5	7.5	3.5	0.5
MEBS334*63-7.2P5S		63	7.2	5	7.5	3.5	0.5
MEBS334*100-7.2P5S		100	7.2	5	9.5	4.5	0.6
MEBS394*50-7.2P5S	0.39	50	7.2	5	7.5	3.5	0.5
MEBS394*63-7.2P5S		63	7.2	5	7.5	3.5	0.5
MEBS394*100-7.2P5S		100	7.2	5	9.5	4.5	0.6
MEBS474*50-7.2P5S	0.47	50	7.2	5	7.5	3.5	0.5
MEBS474*63-7.2P5S		63	7.2	5	7.5	3.5	0.5
MEBS474*100-7.2P5S		100	7.2	5	10.0	5.0	0.6
MEBS564*50-7.2P5S	0.56	50	7.2	5	9.5	4.5	0.6
MEBS564*63-7.2P5S		63	7.2	5	9.5	4.5	0.6
MEBS564*100-7.2P5S		100	7.2	5	10.0	5.0	0.6
MEBS684*50-7.2P5S	0.68	50	7.2	5	9.5	4.5	0.6
MEBS684*63-7.2P5S		63	7.2	5	9.5	4.5	0.6
MEBS684*100-7.2P5S		100	7.2	5	10.0	6.0	0.6

METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

PN	Cap. (μ F)	Rated Voltage (VDC)	W	P $\pm$ 0.4	H	T	d $\pm$ 0.05
MEBS824*50-7.2P5S	0.82	50	7.2	5	9.5	4.5	0.6
MEBS824*63-7.2P5S		63	7.2	5	9.5	4.5	0.6
MEBS824*100-7.2P5S		100	7.2	5	11.0	6.0	0.6
MEBS105*50-7.2P5S	1.0	50	7.2	5	10.0	5.0	0.6
MEBS105*63-7.2P5S		63	7.2	5	10.0	5.0	0.6
MEBS105*100-7.2P5S		100	7.2	5	11.0	6.0	0.6
MEBS155*50-7.2P5S	1.5	50	7.2	5	11.0	6.0	0.6
MEBS155*63-7.2P5S		63	7.2	5	11.0	6.0	0.6
MEBS225*50-7.2P5S	2.2	50	7.2	5	11.0	6.0	0.6
MEBS225*63-7.2P5S		63	7.2	5	11.0	6.0	0.6

Note: *= capacitance tolerance code, M= $\pm$ 20%, K= $\pm$ 10%, J= $\pm$ 5%.

Reliability Test Condition

No	Item	Performance	Test Condition
1	Solderability	Good tinning. Lead wire shall be soldered well with uniformly coated.	Soldering Temperature :245 $\pm$ 5°C Dipping Time :2.0 $\pm$ 0.5sec
2	Strength of Terminations	Initial Measurements: Capacitance and Dissipation Factor are within spec.	-
		Appearance: No damage indication	Tension Force: Φ d=0.5mm,5N; Φ d=0.6mm,10N Bending Force: Φ d=0.5mm,2.5N; Φ d=0.6mm,5N (Continuously bend two times for each orientation)
	Resistance to Soldering Heat	Appearance: No damage indication, mark is clear	Soldering Temperature :260 $\pm$ 5°C Dipping Time :10 $\pm$ 1sec
		Final Measurement: Capacitance Change: within $\pm$ 2% Dissipation Factor Change: $\leq$ 0.003(10kHz)	-
3	Component Solvent Resistance	Dimensions are within spec. Gross weight change is within 1%.	Solvent: Isopropyl Alcohol Solvent Temperature: 23 $\pm$ 5°C Dipping Time: 5 $\pm$ 0.5min Recovery Time: 48h
4	Thermal Shock	Initial Measurements: Capacitance and Dissipation Factor are within spec.	-
		Appearance: No damage indication	T _A = -55°C, T _B =105°C, 5 cycles. Duration Time: t=30min
	Vibration Test	Appearance: No damage indication	Amplitude= 0.75mm or Acceleration=98m/s ² (whichever is the less severe), Test Frequency:10Hz~500Hz, 3 orientations, 2hours for each orientation, total 6 hours
	Bump Test	Appearance: No damage indication	4000 times, Acceleration=390 m/s ² , Pulse width: 6ms.
		Final Measurement: Capacitance Change: within $\pm$ 5% Dissipation Factor Change: $\leq$ 0.003(10kHz) Insulation Resistance: $\geq$ Rating*50%	-

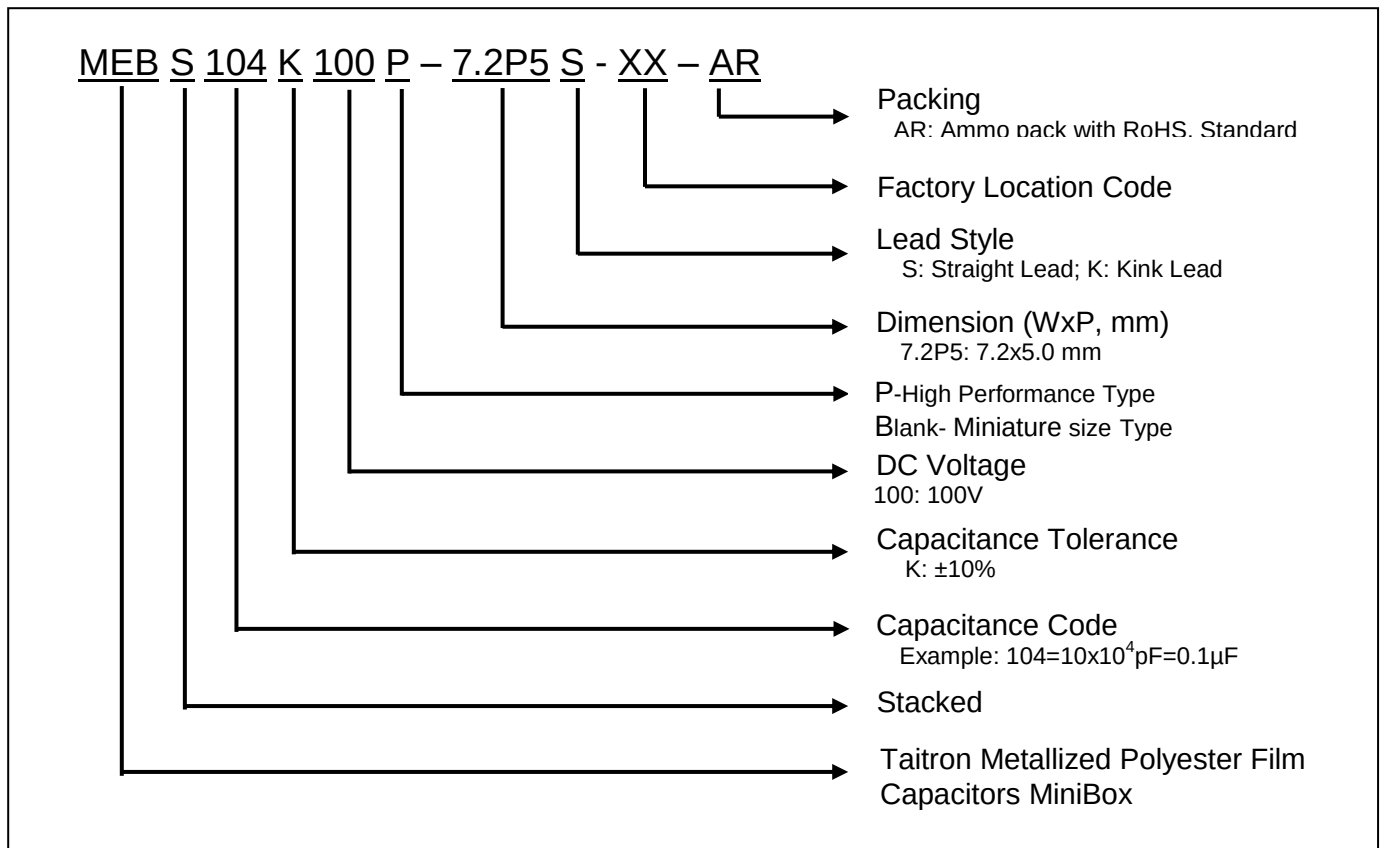
METALLIZED POLYESTER FILM CAPACITOR, MINI BOX P=5.0mm/STACKED

MEBS Series

No	Item	Performance	Test Condition												
5	Climatic Sequence	Initial Measurements: Capacitance and Dissipation Factor are within spec.	-												
		-	Dry Heat, High temperature: 125°C Duration: 16h												
		-	Damp Heat, Cyclic Test Db, first cycle												
		-	Cold, Low temperature: -55°C Duration: 2h												
		No dielectric breakdown or mechanical breakdown at power on rated voltage for 1min.	Low Air Pressure Temperature: 15~35°C, Air Pressure: 8.5kPa Duration: 1h												
		-	Damp Heat, Cyclic Test Db, remaining cycles Finally power on Ur=100V for 1min.												
		Final Measurement: Capacitance Change: within ±5% Dissipation Factor Change: ≤0.005(10kHz) Insulation Resistance: ≥ Rating*50%	-												
6	Damp Heat (Steady State)	Appearance: No damage indication, mark is clear.	Temperature: 40±2°C Humidity 90~95% RH Duration: 56 days												
		Final Measurement: Capacitance Change: within ±5% Dissipation Factor Change: ≤0.005(1KHz) Insulation Resistance: ≥ Rating*50%													
7	Endurance	Final Measurement: Capacitance Change: within ±5% Dissipation Factor Change: ≤0.003(10kHz) Insulation Resistance: ≥ Rating*50%	Temperature: 85°C~125°C Voltage: 1.25*Ur ~ Ur Duration: 2000h												
8	Temperature Characteristics of Capacitance	Measure the capacitance on the step b, d, f At Min. Temperature -55°C : -10%≤ (Cb-Cd)/Cd≤0% At Max. Temperature 125°C : 0%≤ (Cf-Cd)/Cd≤10% Insulation Resistance: ≥75MΩ (Ur≤100V, C≤0.33μF) ≥25s (Ur≤100V, C>0.33μF) ≥150MΩ (Ur>100V, C≤0.33μF) ≥50s (Ur>100V, C>0.33μF)	Temperature is shown in the following table <table><tr><th>Step</th><th>Temperature (°C)</th></tr><tr><td>a</td><td>20±2</td></tr><tr><td>b</td><td>-55±2</td></tr><tr><td>d</td><td>20±2</td></tr><tr><td>f</td><td>125±2</td></tr><tr><td>g</td><td>20±2</td></tr></table>	Step	Temperature (°C)	a	20±2	b	-55±2	d	20±2	f	125±2	g	20±2
Step	Temperature (°C)														
a	20±2														
b	-55±2														
d	20±2														
f	125±2														
g	20±2														
9	Charge and Discharge	Capacitance Change: within ±3% Dissipation Factor Change: ≤0.003(10kHz) Insulation Resistance: ≥ Rating*50%	Cycles: 10000 Charge Time: 0.5sec Discharge Time: 0.5sec Voltage: Rating voltage Charge Resistance:220/C _R (Ω) or current ≤1A Discharge Resistance: R= U _r / (C _R du/dt) C _R =standard capacitance												

MEBS Series

How to Order



MEBS Series

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