

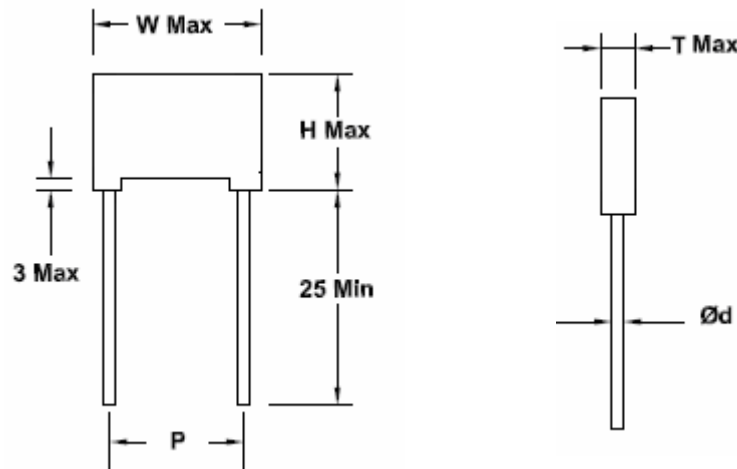
Metallized Polyester Film Capacitor, Radial Leaded/Mini-Box

Features

- Miniature Size
- Excellent self-healing property and reliability
- Low dissipation factor High reliability
- Available for automatic insertion
- Box type provides the identical outer appearance
- Minimum tensile
- RoHS compliant



Dimensions (in mm)



W max	7.6				
P	5.0±0.5				
H	6.5	7.5	9.5	10	11
T	2.5	3.5	4.5	5.0	6.0
Ød	0.5		0.6		

MEBM Series

Specification

Description	Value	Conditions
Capacitance Range (C)	0.001 μ F ~ 2.2 μ F	-
Capacitance Tolerance	$\pm$ 5%(J), $\pm$ 10%(K), $\pm$ 20%(M)	-
Rated Voltage (WV)	50 ~ 630VDC	-
Max Dissipation Factor $\tan \delta$	0.8%	at 20°C, 1KHz
Insulation Resistance (IR)	>9000M Ω	C $\leq$ 0.33 μ F
	>3000M Ω ·uF	C>0.33 μ F
Operation Temperature Range(Top)	-40°C ~ +85°C	-

Performance

Test Characteristics	Test Methods JIS C 5102	Performance
Withstand voltage: Between terminals	Apply 1.5 times of rated voltage for 60 sec. charge discharge current must be 1A Max.	Shall be no abnormality
Withstand voltage: Between terminals & enclosure	Apply 2.0 times of rated voltage for 1 to 5 sec.	Shall be no abnormality
Insulation resistance: Between terminals	Apply rated voltage $\pm$ 15% for 60 sec. when rated voltage under 100V. Apply 100V $\pm$ 15% when rated voltage from 100V to 500V at 20°C.	C $\leq$ 0.33 μ F: IR $\geq$ 30,000M Ω (for 100VDC) IR>9000M Ω (for100/250VDC)
Insulation resistance: Between terminals & enclosure		C>0.33 μ F: IR $\geq$ 10,000M Ω ·uF((for 100VDC) IR>3000M Ω ·uF (for 250/400VDC)
Heat proof: Insulation resistance at 85°C	Testing temperature: 85 $\pm$ 2°C	C $\leq$ 0.33 μ F: IR>900M Ω at 85°C C >0.33 μ F: IR $\geq$ 300M Ω · μ F at 85°C
Heat proof: Rate of variation of capacitance at 85°C		Within -2%~+5% of the value before test
Humidity test: Appearance	Temperature: 40 $\pm$ 2°C; Humidity: 90-95% RH Testing time: 500(-0/+24)Hrs. Apply voltage: rated voltage. After testing, leave it for about 16 Hrs. at standard condition Withstand voltage is 130% rated voltage, 60 sec.	Shall be no abnormality
Humidity test: Withstand voltage		Shall be no abnormality
Humidity test: Insulation resistance		C $\leq$ 0.33 μ F,IR $\geq$ 2700M Ω C>0.33 μ F,IR $\geq$ 900M Ω · μ F
Humidity test: Dissipation Factor		0.011 (1.1%) Max.
Humidity test: Rate of variation capacitance		Within $\pm$ 10% of the value before test
Reference Standard	IEC 60384-2 (GB 7332) / JIS 5102	

METALLIZED POLYESTER FILM CAPACITOR,RADIAL LEADED/MINI BOX

MEBM Series

P/N	Cap. (uF)	WV (V)	dv/dt (V/us)	W(max) (mm)	P±0.5 (mm)	H (mm)	T (mm)	Ød (mm)
MEBM102J50-7.6P5S	0.001	50	25	7.6	5.0	6.5	2.5	0.5
MEBM102J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM102J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM102J250-7.6P5S		250	40	7.6	5.0	6.5	2.5	0.5
MEBM102J400-7.6P5S		400	80	7.6	5.0	6.5	2.5	0.5
MEBM152J50-7.6P5S	0.0015	50	25	7.6	5.0	6.5	2.5	0.5
MEBM152J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM152J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM152J250-7.6P5S		250	40	7.6	5.0	6.5	2.5	0.5
MEBM152J400-7.6P5S		400	80	7.6	5.0	6.5	2.5	0.5
MEBM222J50-7.6P5S	0.0022	50	25	7.6	5.0	6.5	2.5	0.5
MEBM222J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM222J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM222J250-7.6P5S		250	40	7.6	5.0	6.5	2.5	0.5
MEBM222J400-7.6P5S		400	80	7.6	5.0	6.5	2.5	0.5
MEBM332J50-7.6P5S	0.0033	50	25	7.6	5.0	6.5	2.5	0.5
MEBM332J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM332J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM332J250-7.6P5S		250	40	7.6	5.0	6.5	2.5	0.5
MEBM332J400-7.6P5S		400	80	7.6	5.0	6.5	2.5	0.5
MEBM472J50-7.6P5S	0.0047	50	25	7.6	5.0	6.5	2.5	0.5
MEBM472J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM472J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM472J250-7.6P5S		250	40	7.6	5.0	6.5	2.5	0.5
MEBM472J400-7.6P5S		400	80	7.6	5.0	6.5	2.5	0.5
MEBM682J50-7.6P5S	0.0068	50	25	7.6	5.0	6.5	2.5	0.5
MEBM682J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM682J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM682J250-7.6P5S		250	40	7.6	5.0	6.5	2.5	0.5
MEBM682J400-7.6P5S		400	80	7.6	5.0	7.5	3.5	0.5
MEBM103J50-7.6P5S	0.01	50	25	7.6	5.0	6.5	2.5	0.5
MEBM103J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM103J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM103J250-7.6P5S		250	40	7.6	5.0	6.5	2.5	0.5
MEBM103J400-7.6P5S		400	80	7.6	5.0	7.5	3.5	0.5

METALLIZED POLYESTER FILM CAPACITOR,RADIAL LEADED/MINI BOX

MEBM Series

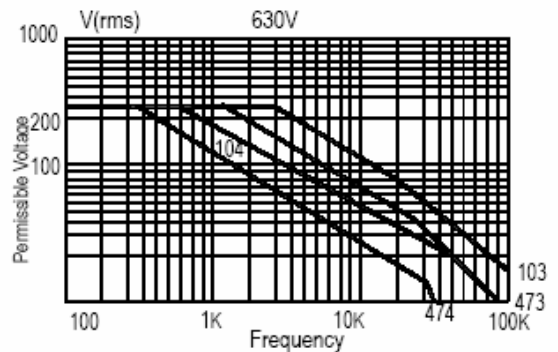
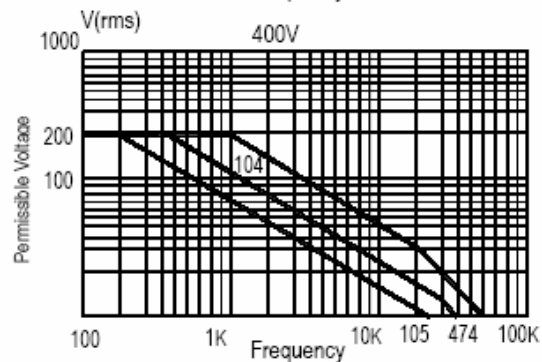
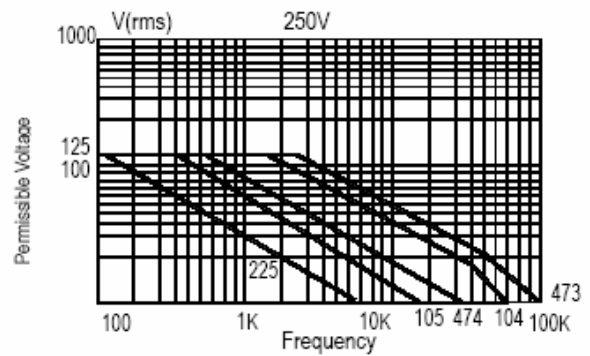
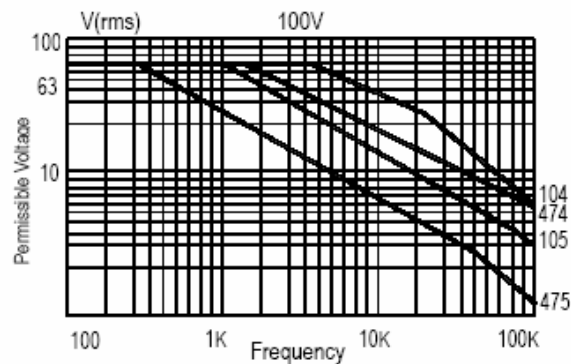
P/N	Cap. (uF)	WV (V)	dv/dt (V/us)	W(max) (mm)	P±0.5 (mm)	H (mm)	T (mm)	Ød (mm)
MEBM153J50-7.6P5S	0.015	50	25	7.6	5.0	6.5	2.5	0.5
MEBM153J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM153J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM153J250-7.6P5S		250	40	7.6	5.0	6.5	2.5	0.5
MEBM153J400-7.6P5S		400	80	7.6	5.0	9.5	4.5	0.6
MEBM223J50-7.6P5S	0.022	50	25	7.6	5.0	6.5	2.5	0.5
MEBM223J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM223J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM223J250-7.6P5S		250	40	7.6	5.0	7.5	3.5	0.5
MEBM223J400-7.6P5S		400	80	7.6	5.0	10.0	5.0	0.6
MEBM333J50-7.6P5S	0.033	50	25	7.6	5.0	6.5	2.5	0.5
MEBM333J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM333J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM333J250-7.6P5S		250	40	7.6	5.0	7.5	3.5	0.5
MEBM333J400-7.6P5S		400	80	7.6	5.0	11.0	6.0	0.6
MEBM473J50-7.6P5S	0.047	50	25	7.6	5.0	6.5	2.5	0.5
MEBM473J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM473J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM473J250-7.6P5S		250	40	7.6	5.0	9.5	4.5	0.6
MEBM473J400-7.6P5S		400	80	7.6	5.0	11.0	6.0	0.6
MEBM683J50-7.6P5S	0.068	50	25	7.6	5.0	6.5	2.5	0.5
MEBM683J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM683J100-7.6P5S		100	30	7.6	5.0	6.5	2.5	0.5
MEBM683J250-7.6P5S		250	40	7.6	5.0	9.5	4.5	0.6
MEBM104J50-7.6P5S	0.10	50	25	7.6	5.0	6.5	2.5	0.5
MEBM104J63-7.6P5S		63	25	7.6	5.0	6.5	2.5	0.5
MEBM104J100-7.6P5S		100	30	7.6	5.0	7.5	3.5	0.5
MEBM104J250-7.6P5S		250	40	7.6	5.0	10.0	5.0	0.6
MEBM154J50-7.6P5S	0.15	50	25	7.6	5.0	7.5	3.5	0.5
MEBM154J63-7.6P5S		63	25	7.6	5.0	7.5	3.5	0.5
MEBM154J100-7.6P5S		100	30	7.6	5.0	9.5	4.5	0.6
MEBM154J250-7.6P5S		250	40	7.6	5.0	11.0	6.0	0.6
MEBM224J50-7.6P5S	0.22	50	25	7.6	5.0	7.5	3.5	0.5
MEBM224J63-7.6P5S		63	25	7.6	5.0	7.5	3.5	0.5
MEBM224J100-7.6P5S		100	30	7.6	5.0	10.0	5.0	0.6
MEBM334J50-7.6P5S	0.33	50	25	7.6	5.0	9.5	4.5	0.6
MEBM334J63-7.6P5S		63	25	7.6	5.0	9.5	4.5	0.6
MEBM334J100-7.6P5S		100	30	7.6	5.0	11.0	6.0	0.6

MEBM Series

P/N	Cap. (uF)	WV (V)	dv/dt (V/us)	W(max) (mm)	P±0.5 (mm)	H (mm)	T (mm)	Ød (mm)
MEBM474J50-7.6P5S	0.47	50	25	7.6	5.0	10.0	5.0	0.6
MEBM474J63-7.6P5S		63	25	7.6	5.0	10.0	5.0	0.6
MEBM474J100-7.6P5S		100	30	7.6	5.0	11.0	6.0	0.6
MEBM684J50-7.6P5S	0.68	50	25	7.6	5.0	11.0	6.0	0.6
MEBM684J63-7.6P5S		63	25	7.6	5.0	11.0	6.0	0.6
MEBM105J50-7.6P5S	1.0	50	25	7.6	5.0	11.0	6.0	0.6
MEBM105J63-7.6P5S		63	25	7.6	5.0	11.0	6.0	0.6
MEBM155J50-7.6P5S	1.5	50	25	7.6	5.0	11.0	6.0	0.6
MEBM155J63-7.6P5S		63	25	7.6	5.0	11.0	6.0	0.6
MEBM225J63-7.6P5S	2.2	50	25	7.6	5.0	13.0	6.0	0.6

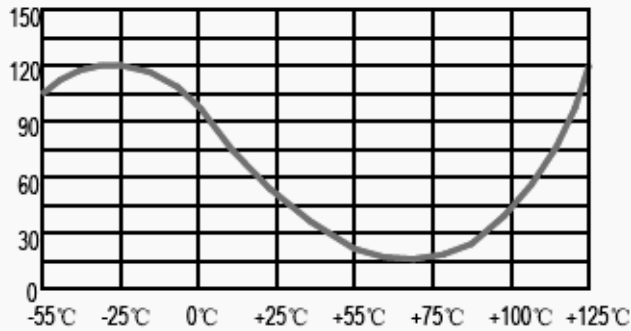
Note: other P/Ns are available on request.

Typical Characteristics Curves

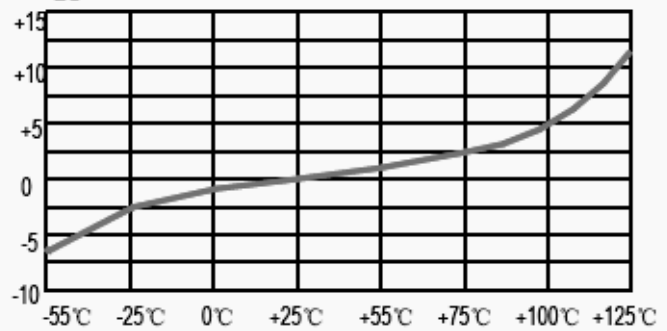


MEBM Series

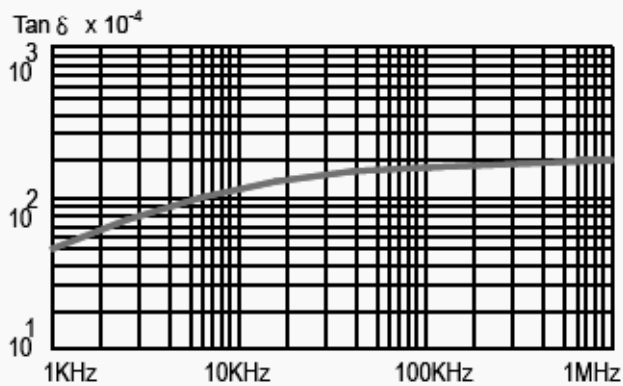
Dissipation factor VS. temperature at 1kHz
 $\text{Tan } \delta \times 10^{-4}$



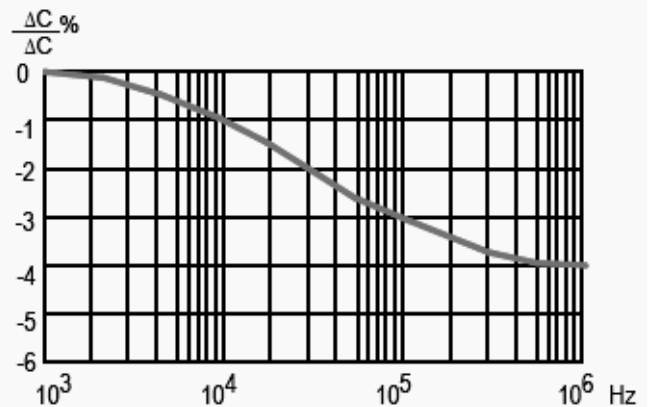
$\frac{\Delta C \%}{\Delta C}$ Capacitance VS. temperature at 1kHz



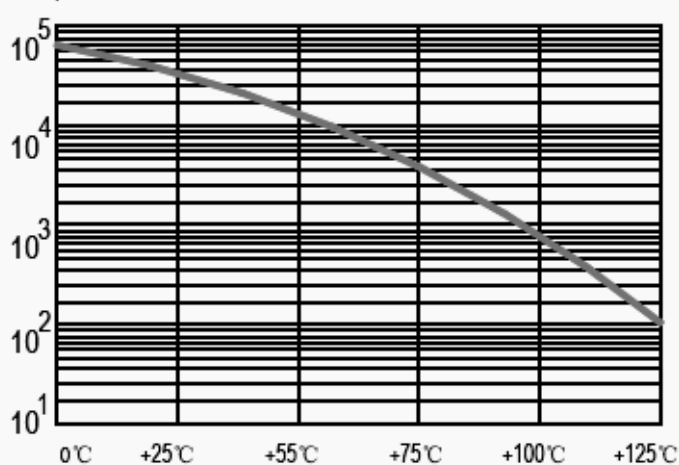
Dissipation factor vs. frequency (25°C)



Capacitance vs. frequency. (25°C)

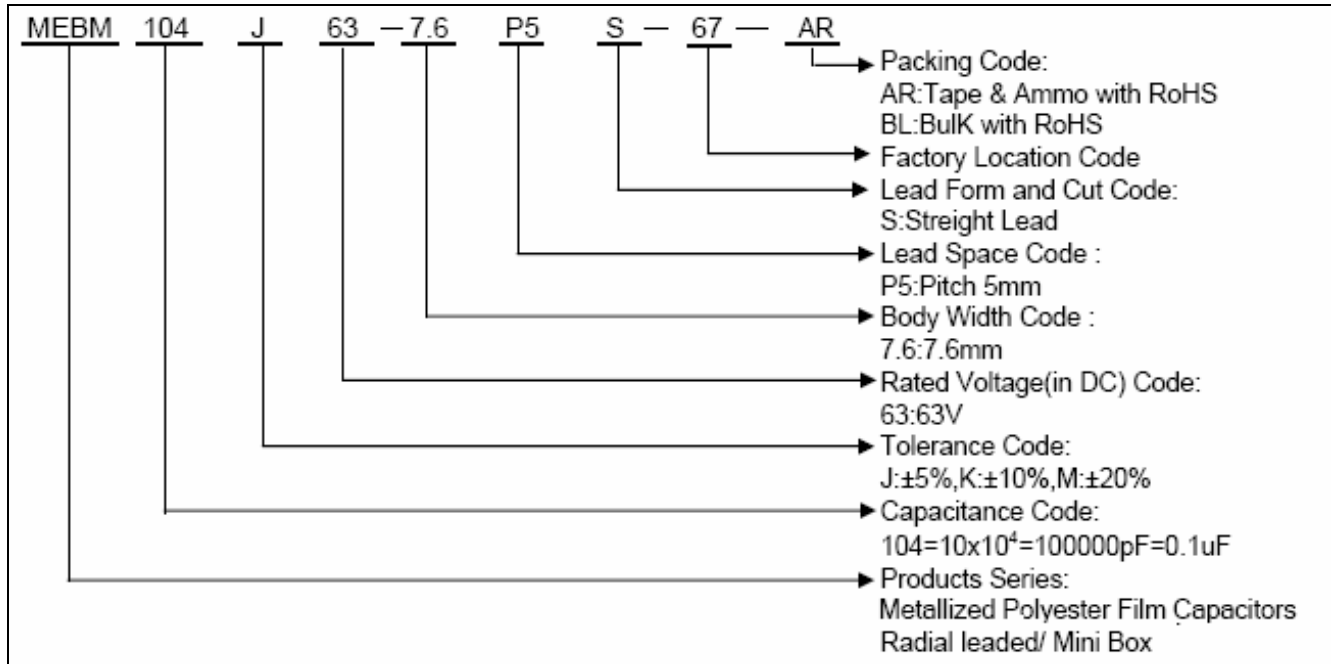


MΩμF Time constant VS. temperature



MEBM Series

How to Order



How to contact us:

US HEADQUARTERS

28040 WEST HARRISON PARKWAY, VALENCIA, CA 91355-4162

Tel: (800) TAITRON (800) 824-8766 (661) 257-6060

Fax: (800) TAITFAX (800) 824-8329 (661) 257-6415

Email: taitron@taitroncomponents.com

Http://www.taitroncomponents.com

TAITRON COMPONENTS MEXICO, S.A .DE C.V.

BOULEVARD CENTRAL 5000 INTERIOR 5 PARQUE INDUSTRIAL ATITALAQUIA, HIDALGO C.P.

42970 MEXICO

Tel: +52-55-5560-1519

Fax: +52-55-5560-2190

TAITRON COMPONENTS INCORPORATED REPRESENTAÇÕES DO BRASIL LTDA

RUA DOMINGOS DE MORAIS, 2777, 2.ANDAR, SALA 24 SAÚDE - SÃO PAULO-SP 04035-001 BRAZIL

Tel: +55-11-5574-7949

Fax: +55-11-5572-0052

TAITRON COMPONENTS INCORPORATED, SHANGHAI REPRESENTATIVE OFFICE

METROBANK PLAZA, 1160 WEST YAN' AN ROAD, SUITE 1503, SHANGHAI, 200052, CHINA

Tel: +86-21-5424-9942

Fax: +86-21-5424-9931