

Metallized Polyester Film Capacitor MEB

● 特點

- 良好的自癒性
- 廣泛的額定電壓
- 廣泛的額訂容量
- 符合 RoHs

● 結構

- 電介質：金屬化聚酯薄膜
- 捲繞：無感式
- 導線：鍍錫銅包鋼線
- 外層：環氧樹脂粉末包封 (UL94 V-0)

● 應用

- 標準用法
- 耦合、旁路、濾波

● 電器特性

引用標準	IEC 60384-2
氣候類別 / 阻燃等級	40 / 105 / 21
額定溫度	85°C
工作溫度範圍	- 40°C ~ +105°C +85°C ~ 105°C decreasing factor 1.0% / °C for V <sub>R</sub> (dc)
額定電壓 (DC-Type)	100V, 250V, 400V, 630V, 1000V, 1250V
額定電壓 (AC-Type)	125VAC, 250VAC, 275VAC
容量範圍	0.1 μF ~ 4.7 μF
電容容差	J : ± 5% · K : ± 10% · M : ± 20%
耐 壓(DC-Type)	施加 1.75 倍額定直流電壓測試 3 秒
耐 壓(AC-Type)	施加 4.3 倍額定直流電壓測試 3 秒
損耗角正切	1.0% or less. At 1Khz, 20±5°C
絕緣電阻	≥ 9000M Ω at DC 100V (C ≤ 0.33 μF) ≥ 3000M Ω × μF at DC 100V (C > 0.33 μF)

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### ● 產品編碼

MEB	104	J	0400	D	D21	S	R
PART-1	PART-2	PART-3	PART-4	PART-5	PART-6	PART-7	PART-8

PART-1 : 系列代號 MPE

PART-2 : 額定電容值 (0.001  $\mu$ F~10  $\mu$ F / 102~106)

PART-3 : 電容容差 J :  $\pm 5\%$  · K :  $\pm 10\%$  · M :  $\pm 20\%$

PART-4 : 額定電壓 0100=100V, 0250=250V, 0400=400V

0630=630V, 1000=1000V, 1250=1250V

PART-5 : 電壓單位 A=VAC, D=VDC

PART-6 : 內部外殼編號

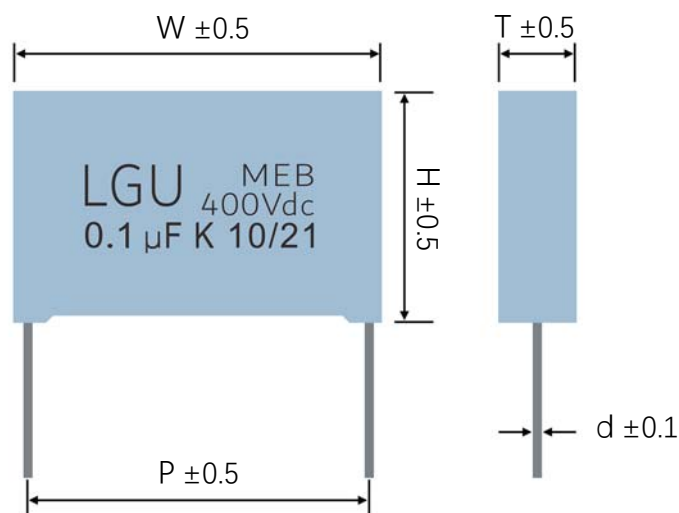
PART-7 : 引腳成型編號

PART-8 : 內部特徵碼 R=環保代碼、H=無鹵代碼

O=其他特殊要求、T= THB 雙 85 代碼

代碼	腳型
S	直腳
C	短腳
F	K 腳
T	編帶

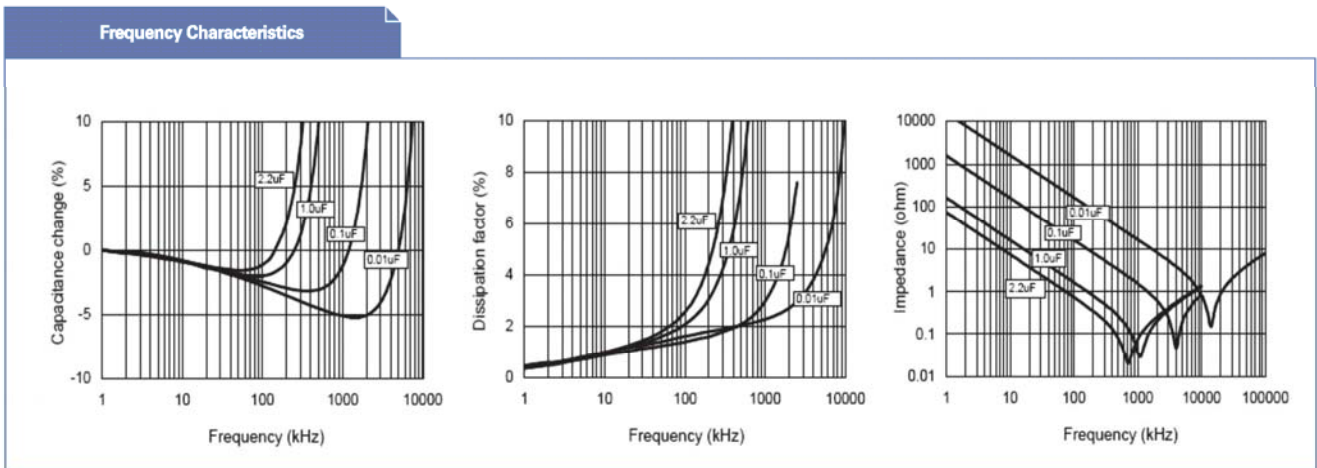
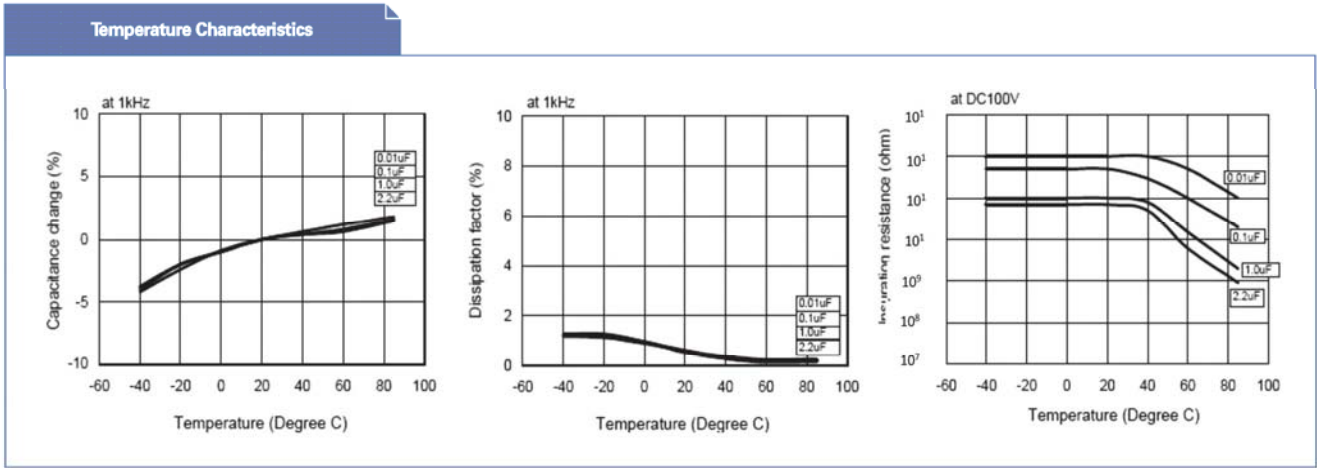
### ● 產品尺寸 產品需求尺寸,請與我們聯繫



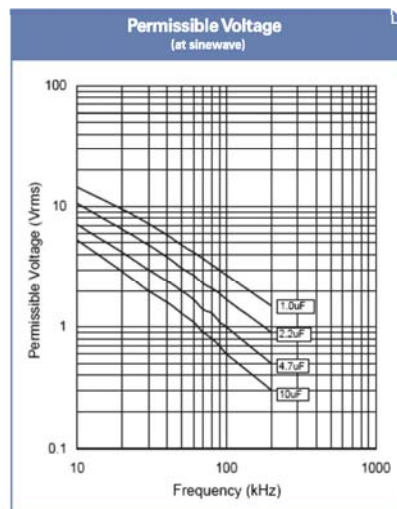
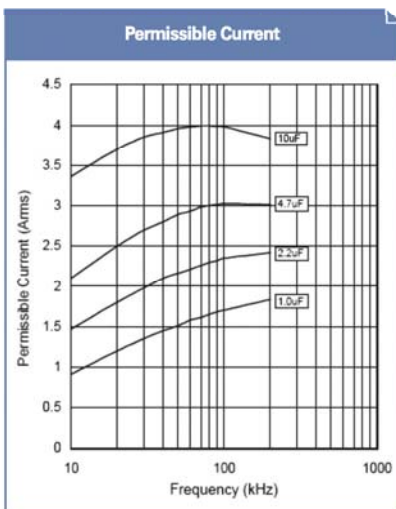
Metallized Polyester Film Capacitor MEB

■ Electrical Characteristics (Typical Data)

100Vdc Series



■ Applicable Specifications



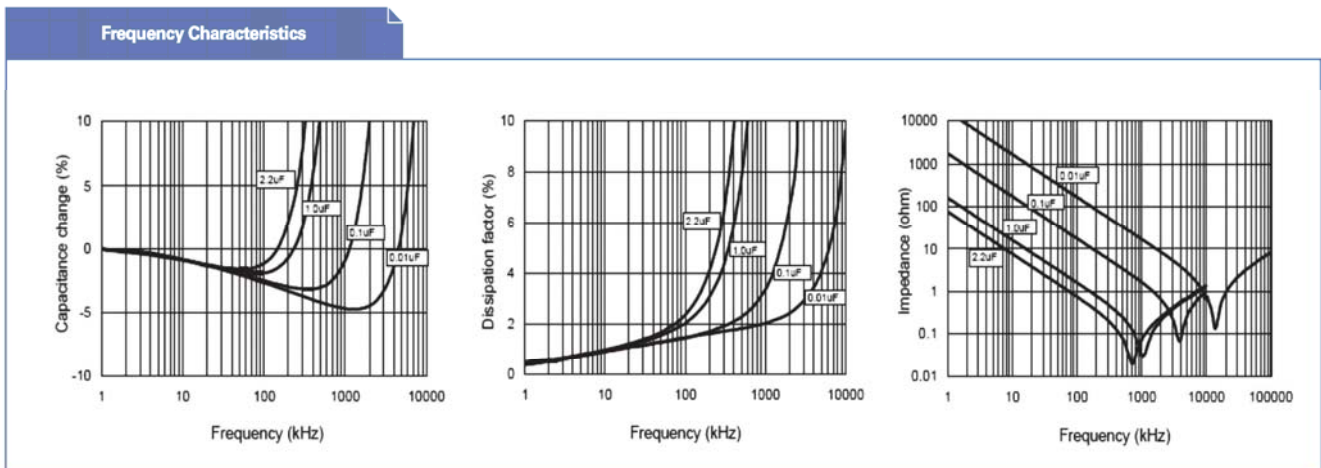
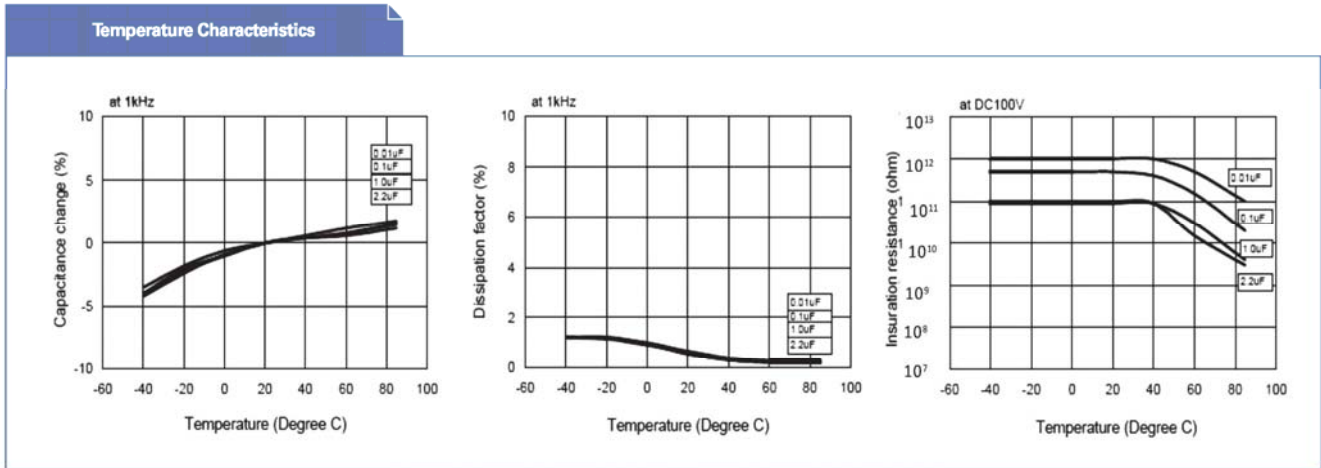
**Pulse Handling Capability(dv/dt)**  
(Max 1000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
100VDC	0.56	564	22	12.32
	0.68	684		15.0
	0.82	824		18.0
	1.00	105		22.0
	1.20	125		13.2
	1.50	155	11	17.1
	1.80	185		19.8
	2.20	225		24.2
	2.70	275		29.7
	3.30	335		36.3
3.90	395	6	23.4	
4.70	475		28.2	
5.60	565		33.6	
6.80	685		40.8	
8.20	825		49.2	
	10.00	106		60.0

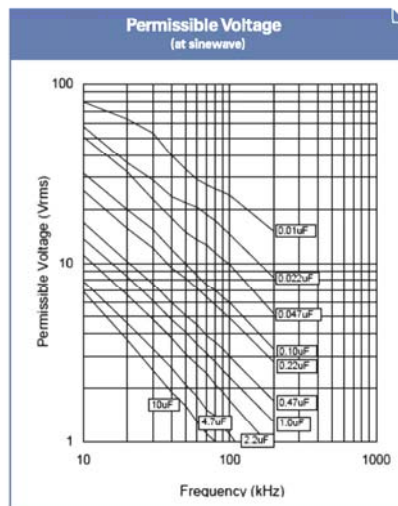
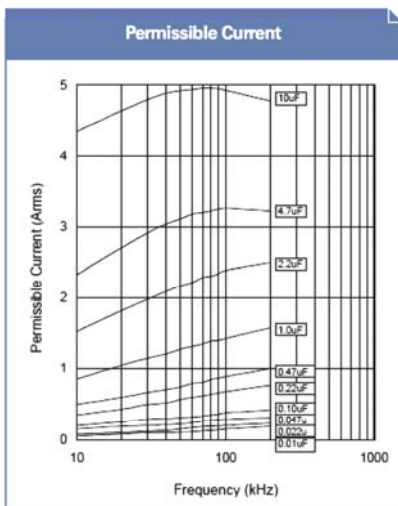
## Metallized Polyester Film Capacitor MEB

### Electrical Characteristics (Typical Data)

### 250Vdc Series



### Applicable Specifications



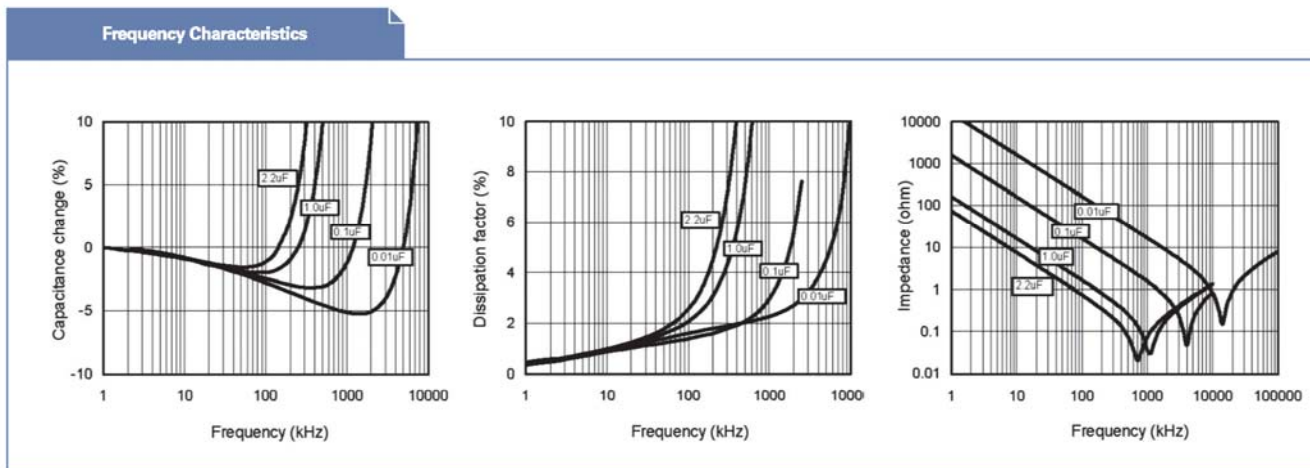
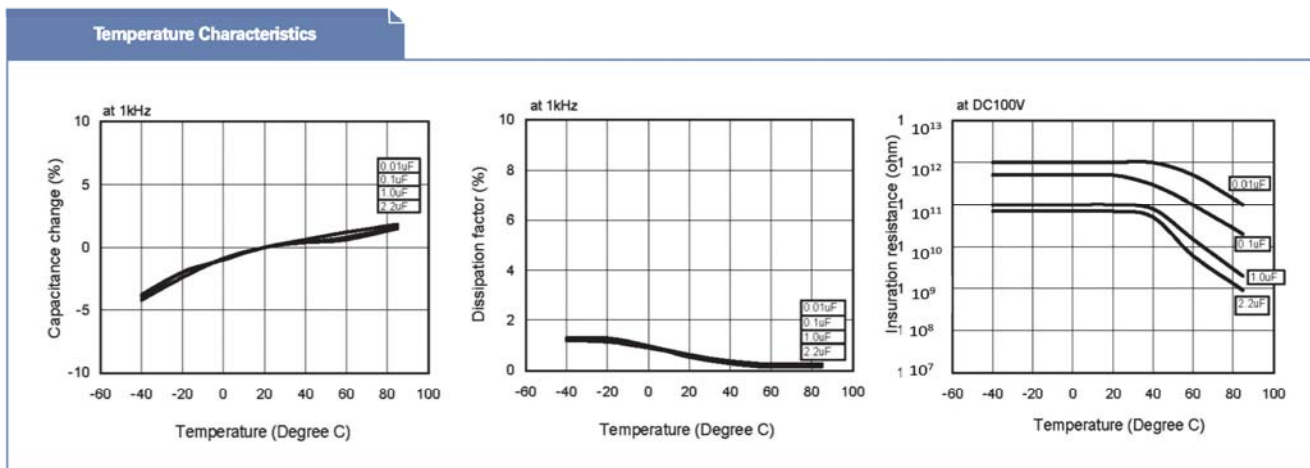
**Pulse Handling Capability(dv/dt)**  
(Max 1000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
250VDC	0.010	103	48	0.48
	0.015	153		0.72
	0.022	223		1.06
	0.033	333		1.58
	0.047	473		2.26
	0.068	683		3.26
	0.100	104		4.80
	0.150	154		7.20
	0.220	224		7.26
	0.330	334		10.89
	0.470	474	8.46	
	0.680	684	18	12.24
	1.000	105		18.00
	1.500	155		27.00
	2.200	225		22.00
	3.300	335	10	33.00
	4.700	475		47.00
	6.800	685	8	54.40
	10.000	106		80.00

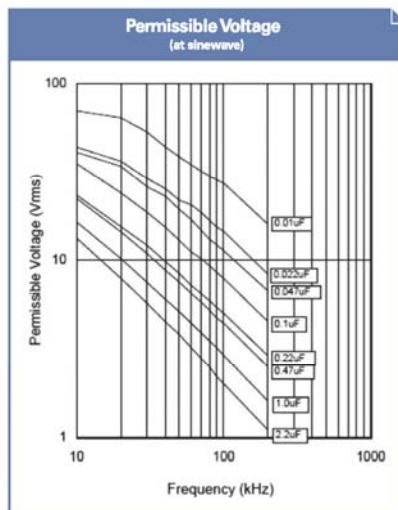
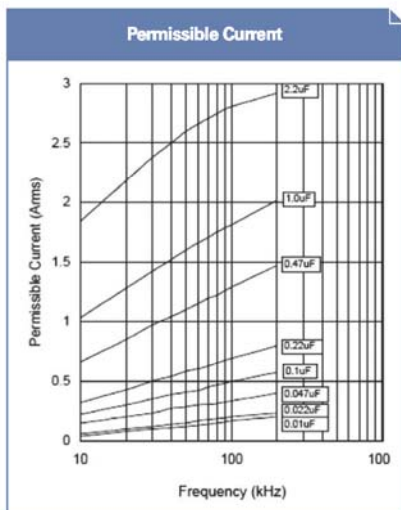
## Metallized Polyester Film Capacitor MEB

### Electrical Characteristics (Typical Data)

### 400Vdc Series



### Applicable Specifications



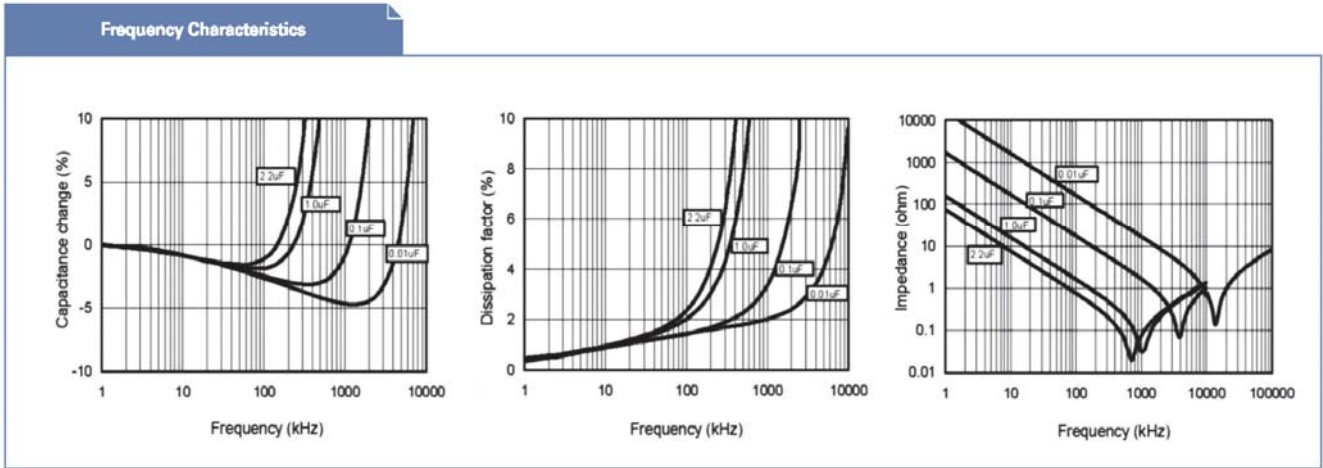
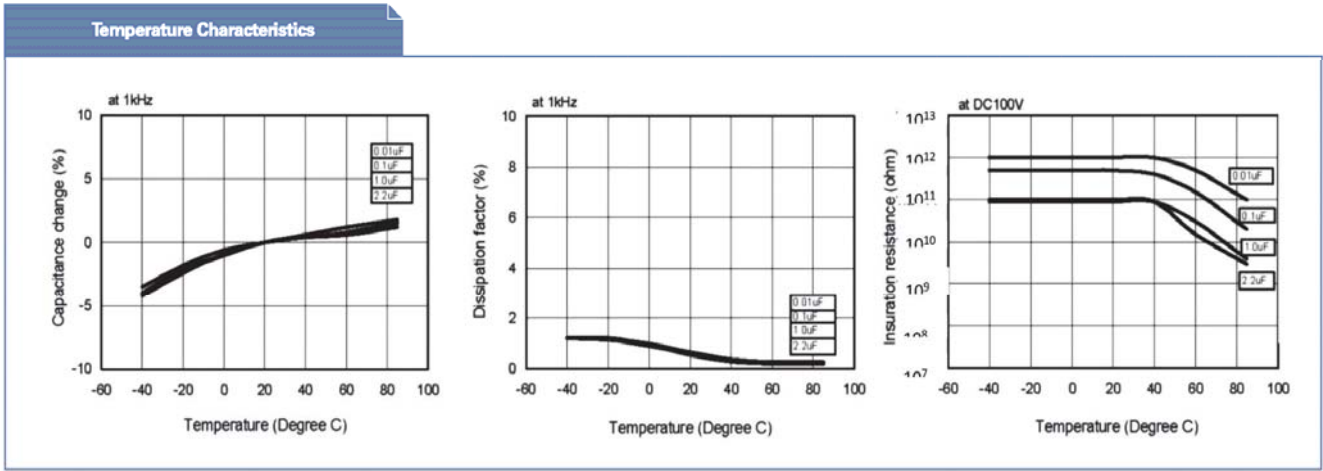
**Pulse Handling Capability(dv/dt)**  
(Max 1000cycles)

Rating Voltage	Capacitance Value(μF)	Code	dV/dt(V/μs)	Current(o-p) (A)
400VDC	0.010	103	131	1.31
	0.015	153		1.97
	0.022	223		2.88
	0.033	333	78	4.32
	0.047	473		3.67
	0.068	683		5.30
	0.100	104	37	7.80
	0.150	154		5.55
	0.220	224		8.14
	0.330	334	22	12.21
	0.470	474		17.39
	0.680	684		14.96
1.000	105	18	22.00	
1.200	155		27.00	
2.200	225		39.60	

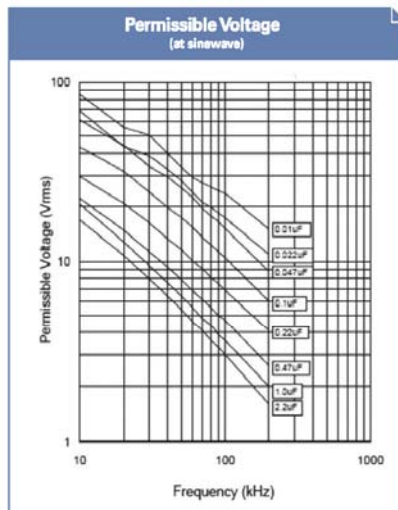
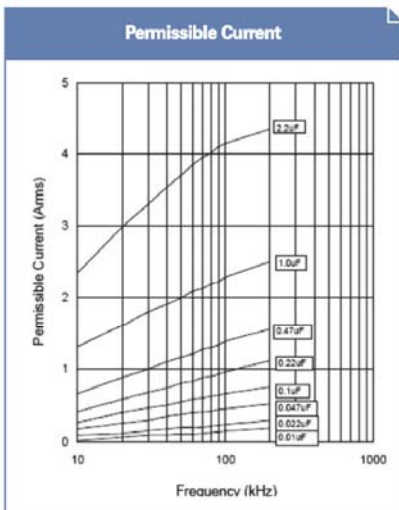
Metallized Polyester Film Capacitor MEB

■ Electrical Characteristics (Typical Data)

630Vdc Series



■ Applicable Specifications



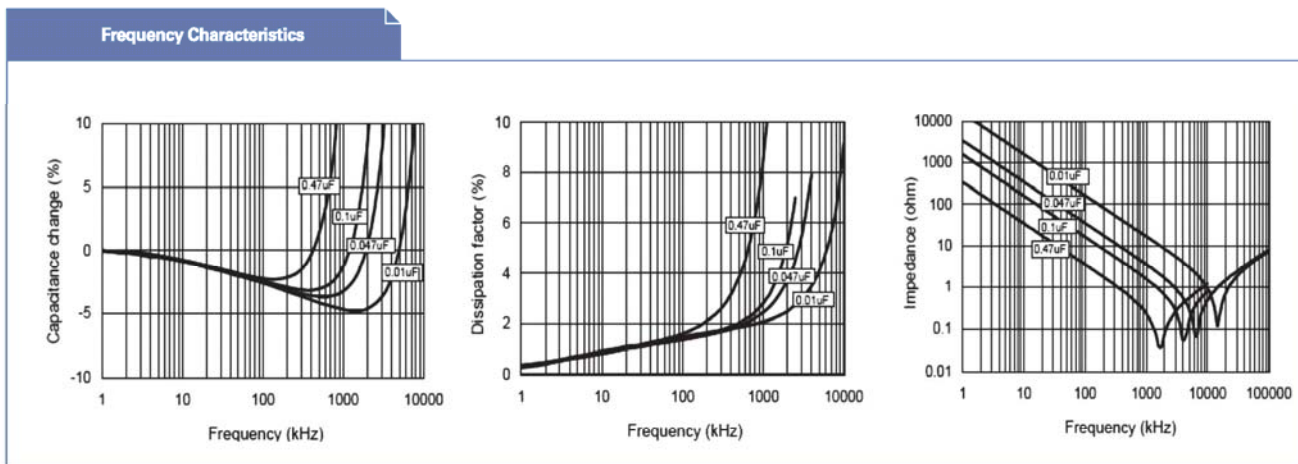
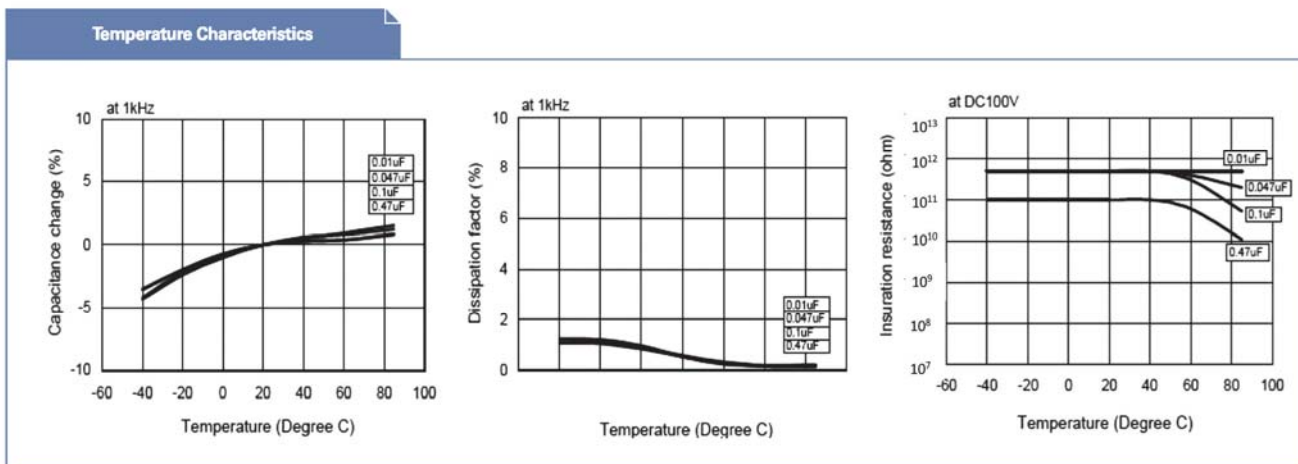
**Pulse Handling Capability(dv/dt)**  
(Max 1000cycles)

Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
630VDC	0.010	103	273	2.73
	0.015	153		4.10
	0.022	223		6.01
	0.033	333		9.01
	0.047	473	12.83	
	0.068	683	7.89	
	0.100	104	116	11.60
	0.150	154		17.40
	0.220	224		25.52
	0.330	334		20.79
	0.470	474	63	29.61
	0.680	684		42.84
	1.000	105		48.00
	1.500	155		72.00
	2.200	225	48	105.60

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■ Electrical Characteristics (Typical Data)

125Vac Series



Metallized Polyester Film Capacitor MEB

■ Electrical Characteristics (Typical Data)

250Vac Series

