

Metallized Polyester Film Capacitor

MPE

Non-inductive construction using metallized Polyester film with flame retardant epoxy resin coating

■ Features

- Non-inductive wound construction.
- Wide capacitance range, small size, and light weight.
- Long life due to self-healing effect.
- Coated with flame-retardant(UL94 V-0) epoxy resin.
- RoHS directive compliant

■ Applications

- General purpose usage
※ Please contact us when applications are CD , ignitor etc.

■ Specifications

Reference Standard		IEC 60384-2	
Climatic Category		40 / 105 / 21	
Rated Temperature		85℃	
Operation Temperature Range		-40℃~105℃ +85℃~+105℃ decreasing factor 1.0% / °C for V _R (dc)	
Rated Voltage	DC-Type	100V, 250V, 400V, 630V, 1000V, 1250V	
	AC-Type	125Vac, 250Vac, 275Vac	
Capacitance Range		0.001μF~10.0μF	
Capacitance Tolerance		G : ±2% H : ±3% J : ±5% K : ±10% M : ±20% ※ Standard : K : ±10%, Other Tolerance Grade : available on request.	
Voltage Proof	DC-Type	1.75U _R (dc) / 3sec	
	AC-Type	4.3U _R (ac) / 3sec	
Dissipation Factor		≤1.0%(at 1kHz 20℃)	
Rated Voltage	DC-Type	U _R (dc)<500V	≥9,000MΩ C _R ≤0.33μF 100Vdc 60sec 20℃
			≥3,000Ω·F C _R >0.33μF 100Vdc 60sec 20℃
		U _R (dc)≥500V	≥9,000MΩ C _R ≤0.33μF 500Vdc 60sec 20℃
			≥3,000Ω·F C _R >0.33μF 500Vdc 60sec 20℃
	AC-Type		≥9,000MΩ C _R ≤0.33μF 100Vdc 60sec 20℃
			≥3,000Ω·F C _R >0.33μF 100Vdc 60sec 20℃

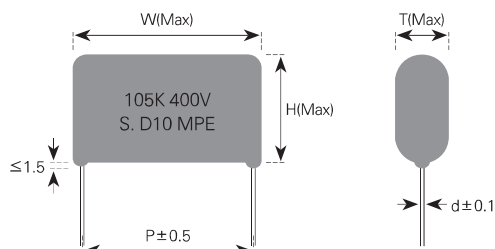
■ Part Number System

MPE	100V	824	K	7.5	S	5	
Part-1	Part-2	Part-3	Part-4	Part-5	Part-6	Part-7	Part-8

Part-1 : Series Code(Series Name)-MPE
 Part-2 : Rated Voltage(DC : 100V~1250V / 125Vac~275Vac(Only for AC applications))
 Part-3 : Rated Capacitance Value(0.001μF~10.0μF / 103~106)
 Part-4 : Capacitance Tolerance(G : ±2% H : ±3% J : ±5% K : ±10% M : ±20%)
 Part-5 : Lead Spacing(7.5mm / 10mm / 15mm / 22.5mm / 27.5mm)
 Part-6 : Forming-Type and Packing Code
 Part-7 : Size Number(1~4 : Min-Type / 5 : Standard-Type / 6~9 : Large-Type)
 Part-8 : Internal Use

CODE	STYLE
B	Bending Forming
C	Straight Cutting
D	D-Type Forming
L	B-Type long Forming
M	C-Type long Forming
S	Straight
X	B-Type Forming
Y	C-Type Forming
Z	Z-Type Forming
T	A-Type Tapping
U	B-Type Tapping
V	C-Type Tapping

■ Dimensions



100Vdc					
Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.82	10.5	12	7	7.5-0.6	MPE 100V 824K 7.5S 5 _____
1.0	10.5	12	7.5	7.5-0.6	MPE 100V 105K 7.5S 5 _____
0.56	12	10.9	5.5	10-0.6	MPE 100V 564K 10S 5 _____
0.68	12	11.9	6	10-0.6	MPE 100V 684K 10S 5 _____
0.82	12	13.5	6	10-0.6	MPE 100V 824K 10S 5 _____
1.0	12	14	6.7	10-0.6	MPE 100V 105K 10S 5 _____
1.2	18.5	12.8	5.5	15-0.8	MPE 100V 125K 15S 5 _____
1.5	18.5	13.4	6	15-0.8	MPE 100V 155K 15S 5 _____
1.8	18.5	14.4	6.5	15-0.8	MPE 100V 185K 15S 5 _____
2.2	18.5	15	7	15-0.8	MPE 100V 225K 15S 5 _____
2.7	18.5	15.8	8	15-0.8	MPE 100V 275K 15S 5 _____
3.3	18.5	16.5	8.5	15-0.8	MPE 100V 335K 15S 5 _____
3.9	18	18.5	10	15-0.8	MPE 100V 395K 15S 5 _____
4.7	18	19.5	11	15-0.8	MPE 100V 475K 15S 5 _____
5.6	18	21.5	11.5	15-0.8	MPE 100V 565K 15S 5 _____
6.8	18	22.5	12.5	15-0.8	MPE 100V 685K 15S 5 _____
2.2	26	12.5	7.5	22.5-0.8	MPE 100V 225K 22.5S 5 _____
2.7	26	13.5	8	22.5-0.8	MPE 100V 275K 22.5S 5 _____
3.3	26	14	9	22.5-0.8	MPE 100V 335K 22.5S 5 _____
3.9	26	16.4	7	22.5-0.8	MPE 100V 395K 22.5S 5 _____
4.7	26	17	7.5	22.5-0.8	MPE 100V 475K 22.5S 5 _____
5.6	26	7.5	8.3	22.5-0.8	MPE 100V 565K 22.5S 5 _____
6.8	26	18.5	9	22.5-0.8	MPE 100V 685K 22.5S 5 _____
8.2	26	20	10	22.5-0.8	MPE 100V 825K 22.5S 5 _____
10.0	26	21	11.5	22.5-0.8	MPE 100V 106K 22.5S 5 _____
10.0	32	29.5	19	27.5-0.8	MPE 100V 106K 27.5S 5 _____

250Vdc					
Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.01	10.3	7.4	4.3	7.5-0.6	MPE 250V 103K 7.5S 5 _____
0.012	10.3	7.5	4.4	7.5-0.6	MPE 250V 123K 7.5S 5 _____
0.015	10.3	7.5	4.4	7.5-0.6	MPE 250V 153K 7.5S 5 _____
0.018	10.3	7.5	4.4	7.5-0.6	MPE 250V 183K 7.5S 5 _____
0.022	10.3	7.5	4.4	7.5-0.6	MPE 250V 223K 7.5S 5 _____
0.027	10.3	7.5	4.4	7.5-0.6	MPE 250V 273K 7.5S 5 _____
0.033	10.3	7.5	4.5	7.5-0.6	MPE 250V 333K 7.5S 5 _____
0.039	10.3	7.5	4.5	7.5-0.6	MPE 250V 393K 7.5S 5 _____
0.047	10.3	7.5	4.5	7.5-0.6	MPE 250V 473K 7.5S 5 _____
0.056	10.3	7.9	4.8	7.5-0.6	MPE 250V 563K 7.5S 5 _____
0.068	10.3	7.5	4.5	7.5-0.6	MPE 250V 683K 7.5S 5 _____
0.082	10.3	8	4.9	7.5-0.6	MPE 250V 823K 7.5S 5 _____
0.1	10.3	8.4	5.8	7.5-0.6	MPE 250V 104K 7.5S 5 _____
0.12	10.3	9	6	7.5-0.6	MPE 250V 124K 7.5S 5 _____
0.15	10.3	10.8	6	7.5-0.6	MPE 250V 154K 7.5S 5 _____
0.18	12	10.3	5	10-0.6	MPE 250V 184K 10S 5 _____
0.22	12	10.5	5.5	10-0.6	MPE 250V 224K 10S 5 _____
0.27	12	11.5	6	10-0.6	MPE 250V 274K 10S 5 _____
0.33	12	12	6.5	10-0.6	MPE 250V 334K 10S 5 _____
0.39	18.5	12	4.9	15-0.6	MPE 250V 394K 15S 5 _____
0.47	18.5	12.5	5.3	15-0.6	MPE 250V 474K 15S 5 _____
0.56	18.5	13	5.5	15-0.6	MPE 250V 564K 15S 5 _____
0.68	18.5	13.5	6	15-0.8	MPE 250V 684K 15S 5 _____
0.82	18.5	14.5	6.5	15-0.8	MPE 250V 824K 15S 5 _____
1.0	18.5	15	7.4	15-0.8	MPE 250V 105K 15S 5 _____
1.2	18.5	15.9	8	15-0.8	MPE 250V 125K 15S 5 _____
1.5	18.5	16.8	9	15-0.8	MPE 250V 155K 15S 5 _____
0.82	26	12.5	7.5	22.5-0.8	MPE 250V 824K 22.5S 5 _____
1.0	26	12	7	22.5-0.8	MPE 250V 105K 22.5S 5 _____
1.2	26	12.5	7.5	22.5-0.8	MPE 250V 125K 22.5S 5 _____
1.5	26	13.5	8	22.5-0.8	MPE 250V 155K 22.5S 5 _____
1.8	26	15.5	7.5	22.5-0.8	MPE 250V 185K 22.5S 5 _____
2.2	26	16.3	8.5	22.5-0.8	MPE 250V 225K 22.5S 5 _____
2.7	26	17	9.4	22.5-0.8	MPE 250V 275K 22.5S 5 _____
3.3	26	18	10.3	22.5-0.8	MPE 250V 335K 22.5S 5 _____
3.9	26	20.5	11	22.5-0.8	MPE 250V 395K 22.5S 5 _____

Metallized Polyester Film Capacitor

4.7	26	21.5	12	22.5-0.8	MPE 250V 475K 22.5S 5 _____
5.6	26	21.5	13	22.5-0.8	MPE 250V 565K 22.5S 5 _____
6.8	26	23.5	14	22.5-0.8	MPE 250V 685K 22.5S 5 _____
2.2	31	14	8.5	27.5-0.8	MPE 250V 225K 27.5S 5 _____
2.7	31	15.5	9	27.5-0.8	MPE 250V 275K 27.5S 5 _____
3.3	31	16.5	9.5	27.5-0.8	MPE 250V 335K 27.5S 5 _____
3.9	31	17	10.5	27.5-0.8	MPE 250V 395K 27.5S 5 _____
4.7	31	19	10.5	27.5-0.8	MPE 250V 475K 27.5S 5 _____
5.6	31	21	11.8	27.5-0.8	MPE 250V 565K 27.5S 5 _____
6.8	31	22.4	13	27.5-0.8	MPE 250V 685K 27.5S 5 _____
8.2	31	23.5	14.3	27.5-0.8	MPE 250V 825K 27.5S 5 _____
10.0	31	25.8	15.9	27.5-0.8	MPE 250V 106K 27.5S 5 _____
5.6	42	27	15	37.5-1	MPE 250V 565K 37.5S 5 _____
6.8	42	28	17	37.5-1	MPE 250V 685K 37.5S 5 _____
8.2	42	32	21	37.5-1	MPE 250V 825K 37.5S 5 _____
10.0	42	35	20	37.5-1	MPE 250V 106K 37.5S 5 _____

400Vdc					
Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.01	10.3	7.4	4.3	7.5-0.6	MPE 400V 103K 7.5S 5 _____
0.012	10.3	7.5	4.4	7.5-0.6	MPE 400V 123K 7.5S 5 _____
0.015	10.3	7.5	4.4	7.5-0.6	MPE 400V 153K 7.5S 5 _____
0.018	10.3	7.5	4.4	7.5-0.6	MPE 400V 183K 7.5S 5 _____
0.022	10.3	7.9	4.8	7.5-0.6	MPE 400V 223K 7.5S 5 _____
0.027	10.3	8	5.5	7.5-0.6	MPE 400V 273K 7.5S 5 _____
0.033	10.3	9	6	7.5-0.6	MPE 400V 333K 7.5S 5 _____
0.068	10.5	12	7	7.5-0.6	MPE 400V 683K 7.5S 5 _____
0.082	10.5	13	7.5	7.5-0.6	MPE 400V 823K 7.5S 5 _____
0.1	10.5	13.5	8.5	7.5-0.6	MPE 400V 104K 7.5S 5 _____
0.12	10.5	14	9	7.5-0.6	MPE 400V 124K 7.5S 5 _____
0.039	12	8	4.9	10-0.6	MPE 400V 393K 10S 5 _____
0.047	12	8.3	5	10-0.6	MPE 400V 473K 10S 5 _____
0.056	12	10	5	10-0.6	MPE 400V 563K 10S 5 _____
0.068	12	10.5	5.4	10-0.6	MPE 400V 683K 10S 5 _____
0.082	12	11	5.8	10-0.6	MPE 400V 823K 10S 5 _____
0.1	12	12	6.3	10-0.6	MPE 400V 104K 10S 5 _____
0.12	13	12	6.5	10-0.6	MPE 400V 124K 10S 5 _____

0.15	13	12.5	7.5	10-0.6	MPE 400V 154K 10S 5 _____
0.18	13	13	8	10-0.6	MPE 400V 184K 10S 5 _____
0.22	13	14	8.5	10-0.6	MPE 400V 224K 10S 5 _____
0.12	18.5	10	5	15-0.6	MPE 400V 124K 15S 5 _____
0.15	18.5	12.4	5	15-0.6	MPE 400V 154K 15S 5 _____
0.18	18.5	12.5	5.4	15-0.6	MPE 400V 184K 15S 5 _____
0.22	18.5	13	5.9	15-0.6	MPE 400V 224K 15S 5 _____
0.27	18.5	14.3	6.5	15-0.8	MPE 400V 274K 15S 5 _____
0.33	18.5	14.9	7	15-0.8	MPE 400V 334K 15S 5 _____
0.39	18.5	15.4	7.5	15-0.8	MPE 400V 394K 15S 5 _____
0.47	18.5	17	7.8	15-0.8	MPE 400V 474K 15S 5 _____
0.68	18	19.5	11.5	15-0.8	MPE 400V 684K 15S 5 _____
0.82	18	18.5	10	15-0.8	MPE 400V 824K 15S 5 _____
1.0	18	19.5	11	15-0.8	MPE 400V 105K 15S 5 _____
1.2	18	20.5	12	15-0.8	MPE 400V 125K 15S 5 _____
1.5	18	23	13	15-0.8	MPE 400V 155K 15S 5 _____
0.27	26	12.5	7.5	22.5-0.8	MPE 400V 274K 22.5S 5 _____
0.33	26	12	6.5	22.5-0.8	MPE 400V 334K 22.5S 5 _____
0.39	26	12.5	7	22.5-0.8	MPE 400V 394K 22.5S 5 _____
0.47	26	13	7.5	22.5-0.8	MPE 400V 474K 22.5S 5 _____
0.56	26	16	6.5	22.5-0.8	MPE 400V 564K 22.5S 5 _____
0.68	26	16.5	7	22.5-0.8	MPE 400V 684K 22.5S 5 _____
0.82	26	17.3	7.9	22.5-0.8	MPE 400V 824K 22.5S 5 _____
1.0	26	18	8.5	22.5-0.8	MPE 400V 105K 22.5S 5 _____
1.2	26	18.9	9.5	27.5-0.8	MPE 400V 125K 22.5S 5 _____
0.82	31	13.5	8.5	27.5-0.8	MPE 400V 824K 27.5S 5 _____
1.0	31	14.5	9	27.5-0.8	MPE 400V 105K 27.5S 5 _____
1.2	31	16	9.5	27.5-0.8	MPE 400V 125K 27.5S 5 _____
1.5	31	19	9.5	27.5-0.8	MPE 400V 155K 27.5S 5 _____
1.8	31	20.5	11	27.5-0.8	MPE 400V 185K 27.5S 5 _____
2.2	31	22	11	27.5-0.8	MPE 400V 225K 27.5S 5 _____
2.7	31	22	12	27.5-0.8	MPE 400V 275K 27.5S 5 _____
3.3	31	23.5	13.5	27.5-0.8	MPE 400V 335K 27.5S 5 _____
4.7	31	26	16.5	27.5-0.8	MPE 400V 475K 27.5S 5 _____

630Vdc					
Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.022	10.5	11.5	6.5	7.5-0.6	MPE 630V 223K 7.5S 5 _____
0.027	10.5	12	7	7.5-0.6	MPE 630V 273K 7.5S 5 _____
0.033	10.5	13	7.5	7.5-0.6	MPE 630V 333K 7.5S 5 _____
0.039	10.5	13	8	7.5-0.6	MPE 630V 393K 7.5S 5 _____
0.047	10.5	14	9	7.5-0.6	MPE 630V 473K 7.5S 5 _____
0.0047	12	10	4.5	10-0.6	MPE 630V 472K 10S 5 _____
0.0056	12	10	4.5	10-0.6	MPE 630V 562K 10S 5 _____
0.0068	12	10	4.9	10-0.6	MPE 630V 682K 10S 5 _____
0.0082	12	10	4.5	10-0.6	MPE 630V 822K 10S 5 _____
0.01	12	7.5	4.5	10-0.6	MPE 630V 103K 10S 5 _____
0.012	12	7.8	4.5	10-0.6	MPE 630V 123K 10S 5 _____
0.015	12	8.2	5	10-0.6	MPE 630V 153K 10S 5 _____
0.018	12	10	4.9	10-0.6	MPE 630V 183K 10S 5 _____
0.022	12	10.5	5.3	10-0.6	MPE 630V 223K 10S 5 _____
0.027	12	10.9	5.5	10-0.6	MPE 630V 273K 10S 5 _____
0.033	12	11.9	6	10-0.6	MPE 630V 333K 10S 5 _____
0.039	12	13.4	6	10-0.6	MPE 630V 393K 10S 5 _____
0.047	12	13.5	6.5	10-0.6	MPE 630V 473K 10S 5 _____
0.056	13	12.5	7	10-0.6	MPE 630V 563K 10S 5 _____
0.068	13	13	7.5	10-0.6	MPE 630V 683K 10S 5 _____
0.082	13	13.5	8.5	10-0.6	MPE 630V 823K 10S 5 _____
0.056	18.5	10.5	5.4	15-0.6	MPE 630V 563K 15S 5 _____
0.068	18.5	11	5.8	15-0.6	MPE 630V 683K 15S 5 _____
0.082	18.5	12	6.5	15-0.6	MPE 630V 823K 15S 5 _____
0.1	18.5	14	6.3	15-0.6	MPE 630V 104K 15S 5 _____
0.12	18.5	14.5	6.3	15-0.8	MPE 630V 124K 15S 5 _____
0.15	18.5	15.4	7.5	15-0.8	MPE 630V 154K 15S 5 _____
0.18	18.5	16	8	15-0.8	MPE 630V 184K 15S 5 _____
0.22	18.5	16.5	9	15-0.8	MPE 630V 224K 15S 5 _____
0.27	18	16.5	9.5	15-0.8	MPE 630V 274K 15S 5 _____
0.33	18	18.5	10	15-0.8	MPE 630V 334K 15S 5 _____
0.47	18	20	12	15-0.8	MPE 630V 474K 15S 5 _____
0.12	26	13.5	8.5	22.5-0.8	MPE 630V 124K 22.5S 5 _____
0.15	26	15.5	8.5	22.5-0.8	MPE 630V 154K 22.5S 5 _____
0.18	26	12.5	7.5	22.5-0.8	MPE 630V 184K 22.5S 5 _____
0.22	26	13.5	8	22.5-0.8	MPE 630V 224K 22.5S 5 _____

0.27	26	16.5	7	22.5-0.8	MPE 630V 274K 22.5S 5 _____
0.33	26	17	7.8	22.5-0.8	MPE 630V 334K 22.5S 5 _____
0.39	26	17.9	8.5	22.5-0.8	MPE 630V 394K 22.5S 5 _____
0.47	26	18.5	9.3	22.5-0.8	MPE 630V 474K 22.5S 5 _____
0.56	26	20	10	22.5-0.8	MPE 630V 564K 22.5S 5 _____
0.68	26	21	11.5	22.5-0.8	MPE 630V 684K 22.5S 5 _____
0.82	26	21	12.5	22.5-0.8	MPE 630V 824K 22.5S 5 _____
1.0	26	23	13	22.5-0.8	MPE 630V 105K 22.5S 5 _____
1.2	26	24.5	14.5	22.5-0.8	MPE 630V 125K 22.5S 5 _____
0.33	31	13.5	8.5	27.5-0.8	MPE 630V 334K 27.5S 5 _____
0.39	31	21.5	13	27.5-0.8	MPE 630V 394K 27.5S 5 _____
0.47	31	16	9	27.5-0.8	MPE 630V 474K 27.5S 5 _____
0.68	31	7.5	11	27.5-0.8	MPE 630V 684K 27.5S 5 _____
0.82	31	20.5	11.3	27.5-0.8	MPE 630V 824K 27.5S 5 _____
1.0	31	21.9	12.5	27.5-0.8	MPE 630V 105K 27.5S 5 _____
1.2	31	23	13.5	27.5-0.8	MPE 630V 125K 27.5S 5 _____
1.5	31	24.7	15.3	27.5-0.8	MPE 630V 155K 27.5S 5 _____
1.8	31	27	16.8	27.5-0.8	MPE 630V 185K 27.5S 5 _____
2.2	31	29	19.5	27.5-0.8	MPE 630V 225K 27.5S 5 _____

1000Vdc					
Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.015	12.3	10.8	5.6	10-0.6	MPE 1000V 153K 10S 5 _____
0.018	12.3	11.3	6.1	10-0.6	MPE 1000V 183K 10S 5 _____
0.022	12.3	11.9	6.7	10-0.6	MPE 1000V 223K 10S 5 _____
0.010	15.5	11.0	6.0	12.5-0.6	MPE 1000V 103K 12.5 K 5 _____
0.012	15.5	12.0	6.0	12.5-0.6	MPE 1000V 123K 12.5 K 5 _____
0.015	15.5	12.5	7.0	12.5-0.6	MPE 1000V 153K 12.5 K 5 _____
0.018	15.5	13.0	7.5	12.5-0.8	MPE 1000V 183K 12.5 K 5 _____
0.022	15.5	15.5	7.5	12.5-0.8	MPE 1000V 223K 12.5 K 5 _____
0.022	17.5	10.0	7.0	15-0.8	MPE 1000V 223K 15S 5 _____
0.027	17.5	11.8	5.0	15-0.8	MPE 1000V 273K 15S 5 _____
0.033	17.5	12.0	8.0	15-0.8	MPE 1000V 333K 15S 5 _____
0.039	17.5	12.7	5.9	15-0.8	MPE 1000V 393K 15S 5 _____
0.047	17.5	13.2	6.5	15-0.8	MPE 1000V 473K 15S 5 _____
0.056	17.5	13.8	7.0	15-0.8	MPE 1000V 563K 15S 5 _____
0.068	17.5	14.5	7.7	15-0.8	MPE 1000V 683K 15S 5 _____

Metallized Polyester Film Capacitor

0.082	17.5	15.2	8.5	15-0.8	MPE 1000V 823K 15S 5 _____
0.100	17.5	16.6	9.7	15-0.8	MPE 1000V 104K 15S 5 _____
0.027	21.0	13.0	6.0	17.5-0.8	MPE 1000V 273K 17.5S 5 _____
0.033	21.0	14.0	6.5	17.5-0.8	MPE 1000V 333K 17.5S 5 _____
0.039	21.0	14.5	7.0	17.5-0.8	MPE 1000V 393K 17.5S 5 _____
0.047	21.0	15.5	7.5	17.5-0.8	MPE 1000V 473K 17.5S 5 _____
0.056	21.0	17.0	7.5	17.5-0.8	MPE 1000V 563K 17.5S 5 _____
0.068	21.0	18.0	8.5	17.5-0.8	MPE 1000V 683K 17.5S 5 _____
0.082	21.0	18.5	9.0	17.5-0.8	MPE 1000V 823K 17.5S 5 _____
0.100	21.0	20.0	10.0	17.5-0.8	MPE 1000V 104K 17.5S 5 _____
0.047	25.0	12.0	7.0	22.5-0.8	MPE 1000V 473K 22.5S 5 _____
0.068	25.0	13.0	8.0	22.5-0.8	MPE 1000V 683K 22.5S 5 _____
0.100	25.0	14.0	9.5	22.5-0.8	MPE 1000V 104K 22.5S 5 _____
0.12	26.0	18.5	9.0	22.5-0.8	MPE 1000V 124K 22.5S 5 _____
0.15	26.0	20.0	10.0	22.5-0.8	MPE 1000V 154K 22.5S 5 _____
0.18	26.0	22.0	10.5	22.5-0.8	MPE 1000V 184K 22.5S 5 _____
0.22	26.0	23.0	12.0	22.5-0.8	MPE 1000V 224K 22.5S 5 _____
0.15	30.0	16.0	11.0	27.5-0.8	MPE 1000V 154K 27.5S 5 _____
0.22	30.0	20.0	12.0	27.5-0.8	MPE 1000V 224K 27.5S 5 _____
0.33	30.0	23.0	13.5	27.5-0.8	MPE 1000V 334K 27.5S 5 _____
0.47	30.0	24.0	16.0	27.5-0.8	MPE 1000V 474K 27.5S 5 _____

1250Vdc					
Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.001	15.5	11	6	12.5-0.6	MPE 1250V 102K 12.5 K 5 _____
0.0012	15.5	11	6	12.5-0.6	MPE 1250V 122K 12.5 K 5 _____
0.0015	15.5	11	6	12.5-0.6	MPE 1250V 152K 12.5 K 5 _____
0.0018	15.5	11	6	12.5-0.6	MPE 1250V 182K 12.5 K 5 _____
0.0022	15.5	11.5	6	12.5-0.6	MPE 1250V 222K 12.5 K 5 _____
0.0027	15.5	12	6.5	12.5-0.6	MPE 1250V 272K 12.5 K 5 _____
0.0033	15.5	11.5	6	12.5-0.6	MPE 1250V 332 12.5 K 5 _____
0.0039	15.5	12	6.5	12.5-0.6	MPE 1250V 392K 12.5 K 5 _____
0.0047	15.5	12.5	7	12.5-0.6	MPE 1250V 472K 12.5 K 5 _____
0.0056	15.5	13	7.5	12.5-0.6	MPE 1250V 562K 12.5 K 5 _____
0.0068	15.5	15	7.5	12.5-0.6	MPE 1250V 682K 12.5 K 5 _____
0.0082	21	12	5	17.5-0.8	MPE 1250V 822K 17.5S 5 _____
0.01	21	12.5	5	17.5-0.8	MPE 1250V 103K 17.5S 5 _____

0.012	21	13	5.5	17.5-0.8	MPE 1250V 123K 17.5S 5 _____
0.015	21	13.5	6	17.5-0.8	MPE 1250V 153K 17.5S 5 _____
0.018	21	14.5	6.5	17.5-0.8	MPE 1250V 183K 17.5S 5 _____
0.022	21	15	7	17.5-0.8	MPE 1250V 223K 17.5S 5 _____
0.027	26	15.5	6	22.5-0.8	MPE 1250V 273K 22.5S 5 _____
0.033	26	16	6.5	22.5-0.8	MPE 1250V 333K 22.5S 5 _____
0.039	26	16.5	7	22.5-0.8	MPE 1250V 393K 22.5S 5 _____
0.047	26	17	8	22.5-0.8	MPE 1250V 473K 22.5S 5 _____
0.056	31	17	7.5	27.5-0.8	MPE 1250V 563K 27.5S 5 _____
0.068	31	7.5	8	27.5-0.8	MPE 1250V 683K 27.5S 5 _____
0.082	31	18.5	9	27.5-0.8	MPE 1250V 823K 27.5S 5 _____
0.1	31	19.5	10	27.5-0.8	MPE 1250V 104K 27.5S 5 _____
0.12	31	20.5	11.5	27.5-0.8	MPE 1250V 124K 27.5S 5 _____
0.15	31	23	12	27.5-0.8	MPE 1250V 154K 27.5S 5 _____
0.18	31	24.5	13	27.5-0.8	MPE 1250V 184K 27.5S 5 _____
0.22	31	26.5	14.5	27.5-0.8	MPE 1250V 224K 27.5S 5 _____

125Vac					
Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.01	10.5	7.5	4.5	7.5-0.6	MPE AC125V 103K 7.5S 5 _____
0.012	10.5	7.5	4.4	7.5-0.6	MPE AC125V 123K 7.5S 5 _____
0.015	10.5	7.5	4.4	7.5-0.6	MPE AC125V 153K 7.5S 5 _____
0.018	10.5	7.5	4.4	7.5-0.6	MPE AC125V 183K 7.5S 5 _____
0.022	10.5	7.5	4.4	7.5-0.6	MPE AC125V 223K 7.5S 5 _____
0.027	10.5	7.5	4.4	7.5-0.6	MPE AC125V 273K 7.5S 5 _____
0.033	10.5	7.8	4.5	7.5-0.6	MPE AC125V 333K 7.5S 5 _____
0.039	10.5	7.8	4.5	7.5-0.6	MPE AC125V 393K 7.5S 5 _____
0.047	10.5	8	5.5	7.5-0.6	MPE AC125V 473K 7.5S 5 _____
0.056	10.5	8.5	5.9	7.5-0.6	MPE AC125V 563K 7.5S 5 _____
0.068	10.5	9.4	6.3	7.5-0.6	MPE AC125V 683K 7.5S 5 _____

250Vac					
Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.010	10.5	9.0	5.0	7.5-0.6	MPE AC250V 103K 7.5S 5 _____
0.012	10.5	8.5	5.0	7.5-0.6	MPE AC250V 123K 7.5S 5 _____
0.015	10.5	9.0	5.5	7.5-0.6	MPE AC250V 153K 7.5S 5 _____
0.018	10.5	9.5	5.5	7.5-0.6	MPE AC250V 183K 7.5S 5 _____
0.022	10.5	9.0	5.0	7.5-0.6	MPE AC250V 223K 7.5S 5 _____
0.027	10.5	9.0	5.5	7.5-0.6	MPE AC250V 273K 7.5S 5 _____
0.033	10.5	10.0	5.5	7.5-0.6	MPE AC250V 333K 7.5S 5 _____
0.039	10.5	10.5	6.0	7.5-0.6	MPE AC250V 393K 7.5S 5 _____
0.047	10.5	11.5	6.0	7.5-0.6	MPE AC250V 473K 7.5S 5 _____
0.056	10.5	11.5	6.5	7.5-0.6	MPE AC250V 563K 7.5S 5 _____
0.068	10.5	12.0	7.0	7.5-0.6	MPE AC250V 683K 7.5S 5 _____
0.082	10.5	13.0	7.5	7.5-0.6	MPE AC250V 823K 7.5S 5 _____
0.100	10.5	13.5	8.5	7.5-0.6	MPE AC250V 104K 7.5S 5 _____
0.120	10.5	14.0	9.0	7.5-0.6	MPE AC250V 124K 7.5S 5 _____
0.022	13.0	9.0	5.5	10-0.6	MPE AC250V 223K 10S 5 _____
0.027	13.0	9.0	5.0	10-0.6	MPE AC250V 273K 10S 5 _____
0.033	13.0	9.0	5.5	10-0.6	MPE AC250V 333K 10S 5 _____
0.039	13.0	9.5	6.0	10-0.6	MPE AC250V 393K 10S 5 _____
0.047	13.0	9.0	5.5	10-0.6	MPE AC250V 473K 10S 5 _____
0.056	13.0	9.0	5.5	10-0.6	MPE AC250V 563K 10S 5 _____
0.068	13.0	9.5	6.0	10-0.6	MPE AC250V 683K 10S 5 _____
0.082	13.0	10.5	6.0	10-0.6	MPE AC250V 823K 10S 5 _____
0.10	13.0	11.5	6.0	10-0.6	MPE AC250V 104K 10S 5 _____
0.12	13.0	12.0	6.5	10-0.6	MPE AC250V 124K 10S 5 _____
0.15	13.0	12.5	7.5	10-0.6	MPE AC250V 154K 10S 5 _____
0.18	13.0	13.0	8.0	10-0.6	MPE AC250V 184K 10S 5 _____
0.22	13.0	14.0	8.5	10-0.6	MPE AC250V 224K 10S 5 _____
0.27	13.0	15.5	9.0	10-0.6	MPE AC250V 274K 10S 5 _____
0.33	13.0	16.5	9.5	10-0.6	MPE AC250V 334K 10S 5 _____
0.068	18.0	9.5	6.0	15-0.8	MPE AC250V 683K 15S 5 _____
0.082	18.0	9.5	6.0	15-0.8	MPE AC250V 823K 15S 5 _____
0.10	18.0	10.0	6.5	15-0.8	MPE AC250V 104K 15S 5 _____
0.12	18.0	9.5	5.5	15-0.8	MPE AC250V 124K 15S 5 _____
0.15	18.0	10.0	6.0	15-0.8	MPE AC250V 154K 15S 5 _____
0.18	18.0	10.0	6.5	15-0.8	MPE AC250V 184K 15S 5 _____
0.22	18.0	11.0	6.5	15-0.8	MPE AC250V 224K 15S 5 _____

0.27	18.0	12.0	7.0	15-0.8	MPE AC250V 274K 15S 5 _____
0.33	18.0	13.0	7.5	15-0.8	MPE AC250V 334K 15S 5 _____
0.39	18.0	14.5	7.5	15-0.8	MPE AC250V 394K 15S 5 _____
0.47	18.0	15.0	8.0	15-0.8	MPE AC250V 474K 15S 5 _____
0.68	18.0	16.5	10.0	15-0.8	MPE AC250V 684K 15S 5 _____
0.82	18.0	18.5	10.0	15-0.8	MPE AC250V 824K 15S 5 _____
1.00	18.0	19.5	11.0	15-0.8	MPE AC250V 105K 15S 5 _____
1.20	18.0	20.5	12.0	15-0.8	MPE AC250V 125K 15S 5 _____
1.50	18.0	23.0	13.0	15-0.8	MPE AC250V 155K 15S 5 _____
0.22	26.0	12.5	7.5	22.5-0.8	MPE AC250V 224K 22.5S 5 _____
0.27	26.0	12.5	7.5	22.5-0.8	MPE AC250V 274K 22.5S 5 _____
0.33	26.0	12.0	6.5	22.5-0.8	MPE AC250V 334K 22.5S 5 _____
0.39	26.0	12.5	7.0	22.5-0.8	MPE AC250V 394K 22.5S 5 _____
0.47	26.0	13.0	7.5	22.5-0.8	MPE AC250V 474K 22.5S 5 _____
0.68	26.0	14.0	9.0	22.5-0.8	MPE AC250V 684K 22.5S 5 _____
0.82	26.0	14.5	9.5	22.5-0.8	MPE AC250V 824K 22.5S 5 _____
1.00	26.0	16.5	9.5	22.5-0.8	MPE AC250V 105K 22.5S 5 _____
1.20	26.0	17.0	10.5	22.5-0.8	MPE AC250V 125K 22.5S 5 _____
1.50	26.0	18.5	11.5	22.5-0.8	MPE AC250V 155K 22.5S 5 _____
1.80	26.0	20.5	12.0	22.5-0.8	MPE AC250V 185K 22.5S 5 _____
2.20	26.0	22.5	12.5	22.5-0.8	MPE AC250V 225K 22.5S 5 _____
0.39	31.0	13.0	7.5	27.5-0.8	MPE AC250V 394K 27.5S 5 _____
0.47	31.0	13.5	8.0	27.5-0.8	MPE AC250V 474K 27.5S 5 _____
0.56	31.0	12.5	7.5	27.5-0.8	MPE AC250V 564K 27.5S 5 _____
0.68	31.0	13.0	8.0	27.5-0.8	MPE AC250V 684K 27.5S 5 _____
0.82	31.0	13.5	8.5	27.5-0.8	MPE AC250V 824K 27.5S 5 _____
1.00	31.0	14.5	9.0	27.5-0.8	MPE AC250V 105K 27.5S 5 _____
1.20	31.0	16.0	9.5	27.5-0.8	MPE AC250V 125K 27.5S 5 _____
1.50	31.0	17.0	10.5	27.5-0.8	MPE AC250V 155K 27.5S 5 _____
1.80	31.0	18.0	11.0	27.5-0.8	MPE AC250V 185K 27.5S 5 _____
2.20	31.0	20.0	11.5	27.5-0.8	MPE AC250V 225K 27.5S 5 _____
2.50	31.0	21.5	12.0	27.5-0.8	MPE AC250V 255K 27.5S 5 _____

Metallized Polyester Film Capacitor

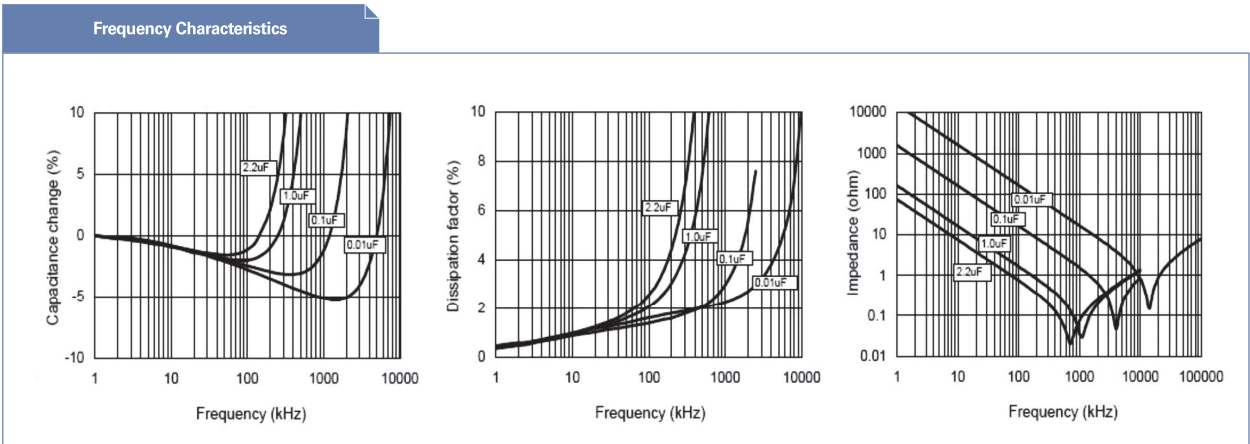
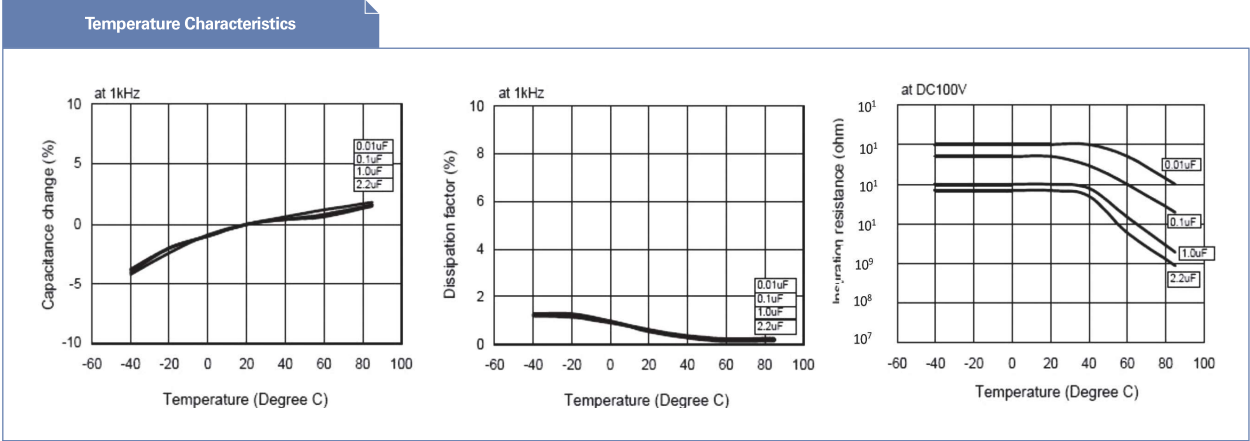
275Vac

Cap. (μF)	Dimensions(mm)			Pitch - d	PART NUMBER
	W (max.)	H (max.)	T (max.)		
0.010	10.5	9.0	5.0	7.5-0.6	MPE AC275V 103K 7.5S 5 _____
0.012	10.5	8.5	5.0	7.5-0.6	MPE AC275V 123K 7.5S 5 _____
0.015	10.5	9.0	5.5	7.5-0.6	MPE AC275V 153K 7.5S 5 _____
0.018	10.5	9.5	5.5	7.5-0.6	MPE AC275V 183K 7.5S 5 _____
0.022	10.5	9.0	5.0	7.5-0.6	MPE AC275V 223K 7.5S 5 _____
0.027	10.5	9.0	5.5	7.5-0.6	MPE AC275V 273K 7.5S 5 _____
0.033	10.5	10.0	5.5	7.5-0.6	MPE AC275V 333K 7.5S 5 _____
0.039	10.5	10.5	6.0	7.5-0.6	MPE AC275V 393K 7.5S 5 _____
0.047	10.5	11.5	6.0	7.5-0.6	MPE AC275V 473K 7.5S 5 _____
0.056	10.5	11.5	6.5	7.5-0.6	MPE AC275V 563K 7.5S 5 _____
0.068	10.5	12.0	7.0	7.5-0.6	MPE AC275V 683K 7.5S 5 _____
0.082	10.5	13.0	7.5	7.5-0.6	MPE AC275V 823K 7.5S 5 _____
0.100	10.5	13.5	8.5	7.5-0.6	MPE AC275V 104K 7.5S 5 _____
0.120	10.5	14.0	9.0	7.5-0.6	MPE AC275V 124K 7.5S 5 _____
0.047	13.0	9.0	5.5	10.0-0.6	MPE AC275V 473K 10S 5 _____
0.056	13.0	9.0	5.5	10.0-0.6	MPE AC275V 563K 10S 5 _____
0.068	13.0	9.5	6.0	10.0-0.6	MPE AC275V 683K 10S 5 _____
0.082	13.0	10.5	6.0	10.0-0.6	MPE AC275V 823K 10S 5 _____
0.10	13.0	11.5	6.0	10.0-0.6	MPE AC275V 104K 10S 5 _____
0.12	13.0	12.0	6.5	10.0-0.6	MPE AC275V 124K 10S 5 _____
0.15	13.0	12.5	7.5	10.0-0.6	MPE AC275V 154K 10S 5 _____
0.18	13.0	13.0	8.0	10.0-0.6	MPE AC275V 184K 10S 5 _____
0.22	13.0	14.0	8.5	10.0-0.6	MPE AC275V 224K 10S 5 _____
0.27	13.0	15.5	9.0	10.0-0.6	MPE AC275V 274K 10S 5 _____
0.33	13.0	16.5	9.5	10.0-0.6	MPE AC275V 334K 10S 5 _____
0.027	13.0	9.0	5.0	10.0-0.6	MPE AC275V 273K 10S 5 _____
0.033	13.0	9.0	5.5	10.0-0.6	MPE AC275V 333K 10S 5 _____
0.039	13.0	9.5	6.0	10.0-0.6	MPE AC275V 393K 10S 5 _____
0.022	13.0	9.0	5.5	10.0-0.6	MPE AC275V 223K 10S 5 _____
0.068	18.0	9.5	6.0	15.0-0.8	MPE AC275V 683K 15S 5 _____
0.082	18.0	9.5	6.0	15.0-0.8	MPE AC275V 823K 15S 5 _____
0.10	18.0	10.0	6.5	15.0-0.8	MPE AC275V 104K 15S 5 _____
0.12	18.0	9.5	5.5	15.0-0.8	MPE AC275V 124K 15S 5 _____
0.15	18.0	10.0	6.0	15.0-0.8	MPE AC275V 154K 15S 5 _____
0.18	18.0	10.0	6.5	15.0-0.8	MPE AC275V 184K 15S 5 _____
0.22	18.0	11.0	6.5	15.0-0.8	MPE AC275V 224K 15S 5 _____

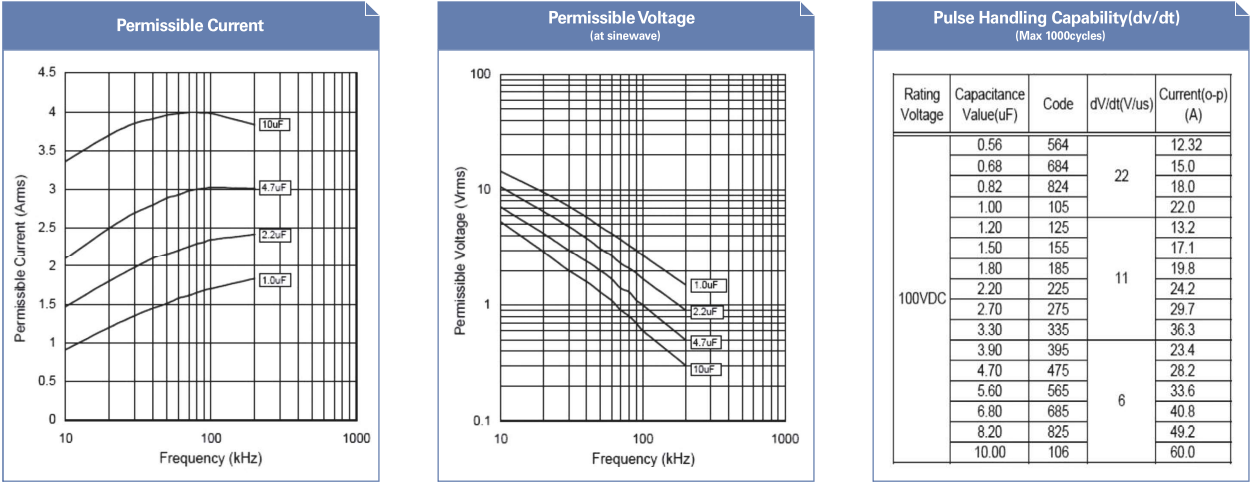
0.27	18.0	12.0	7.0	15.0-0.8	MPE AC275V 274K 15S 5 _____
0.33	18.0	13.0	7.5	15.0-0.8	MPE AC275V 334K 15S 5 _____
0.39	18.0	14.5	7.5	15.0-0.8	MPE AC275V 394K 15S 5 _____
0.47	18.0	15.0	8.0	15.0-0.8	MPE AC275V 474K 15S 5 _____
0.68	18.0	16.5	10.0	15.0-0.8	MPE AC275V 684K 15S 5 _____
0.82	18.0	18.5	10.0	15.0-0.8	MPE AC275V 824K 15S 5 _____
1.00	18.0	19.5	11.0	15.0-0.8	MPE AC275V 105K 15S 5 _____
1.20	18.0	20.5	12.0	15.0-0.8	MPE AC275V 125K 15S 5 _____
1.50	18.0	23.0	13.0	15.0-0.8	MPE AC275V 155K 15S 5 _____
0.22	26.0	12.5	7.5	22.5-0.8	MPE AC275V 224K 22.5S 5 _____
0.27	26.0	12.5	7.5	22.5-0.8	MPE AC275V 274K 22.5S 5 _____
0.33	26.0	12.0	6.5	22.5-0.8	MPE AC275V 334K 22.5S 5 _____
0.39	26.0	12.5	7.0	22.5-0.8	MPE AC275V 394K 22.5S 5 _____
0.47	26.0	13.0	7.5	22.5-0.8	MPE AC275V 474K 22.5S 5 _____
0.68	26.0	14.0	9.0	22.5-0.8	MPE AC275V 684K 22.5S 5 _____
0.82	26.0	14.5	9.5	22.5-0.8	MPE AC275V 824K 22.5S 5 _____
1.00	26.0	16.5	9.5	22.5-0.8	MPE AC275V 105K 22.5S 5 _____
1.20	26.0	17.0	10.5	22.5-0.8	MPE AC275V 125K 22.5S 5 _____
1.50	26.0	18.5	11.5	22.5-0.8	MPE AC275V 155K 22.5S 5 _____
1.80	26.0	20.5	12.0	22.5-0.8	MPE AC275V 185K 22.5S 5 _____
2.20	26.0	22.5	12.5	22.5-0.8	MPE AC275V 225K 22.5S 5 _____
2.70	26.0	24.0	14.0	22.5-0.8	MPE AC275V 275K 22.5S 5 _____
3.30	26.0	25.5	15.5	22.5-0.8	MPE AC275V 335K 22.5S 5 _____
0.33	31.0	13.0	7.5	27.5-0.8	MPE AC275V 334K 27.5S 5 _____
0.39	31.0	13.0	7.5	27.5-0.8	MPE AC275V 394K 27.5S 5 _____
0.47	31.0	13.5	8.0	27.5-0.8	MPE AC275V 474K 27.5S 5 _____
0.56	31.0	12.5	7.5	27.5-0.8	MPE AC275V 564K 27.5S 5 _____
0.68	31.0	13.0	8.0	27.5-0.8	MPE AC275V 684K 27.5S 5 _____
0.82	31.0	13.5	8.5	27.5-0.8	MPE AC275V 824K 27.5S 5 _____
1.00	31.0	14.5	9.0	27.5-0.8	MPE AC275V 105K 27.5S 5 _____
1.20	31.0	16.0	9.5	27.5-0.8	MPE AC275V 125K 27.5S 5 _____
1.50	31.0	17.0	10.5	27.5-0.8	MPE AC275V 155K 27.5S 5 _____
1.80	31.0	18.0	11.0	27.5-0.8	MPE AC275V 185K 27.5S 5 _____
2.20	31.0	20.0	11.5	27.5-0.8	MPE AC275V 225K 27.5S 5 _____
2.50	31.0	21.5	12.0	27.5-0.8	MPE AC275V 255K 27.5S 5 _____
2.70	31.0	22.0	12.0	27.5-0.8	MPE AC275V 275K 27.5S 5 _____
3.30	31.0	23.5	13.5	27.5-0.8	MPE AC275V 335K 27.5S 5 _____
4.70	31.0	26.0	16.5	27.5-0.8	MPE AC275V 475K 27.5S 5 _____

■ Electrical Characteristics (Typical Data)

100Vdc Series



■ Applicable Specifications

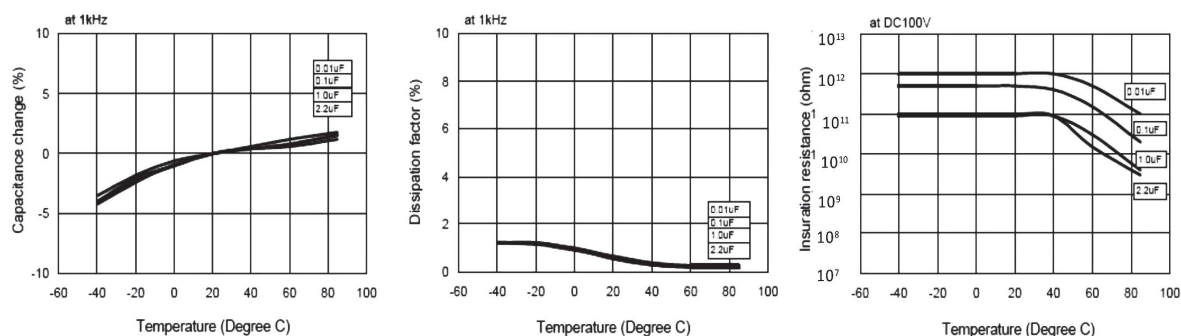


Metallized Polyester Film Capacitor

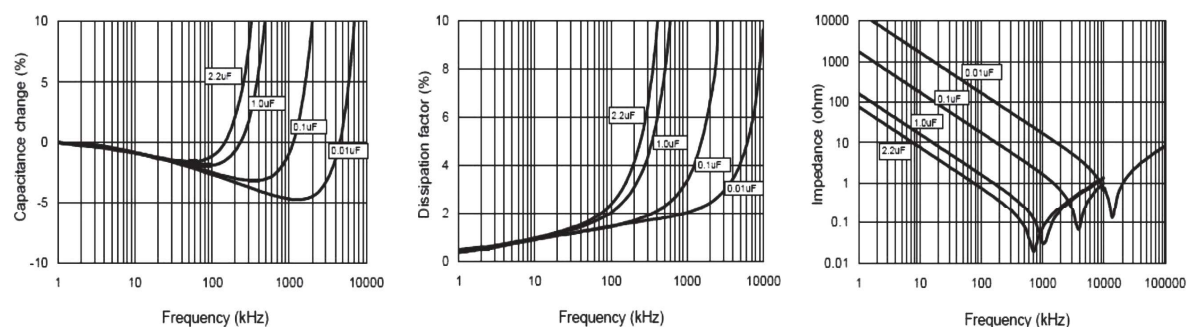
Electrical Characteristics (Typical Data)

250Vdc Series

Temperature Characteristics

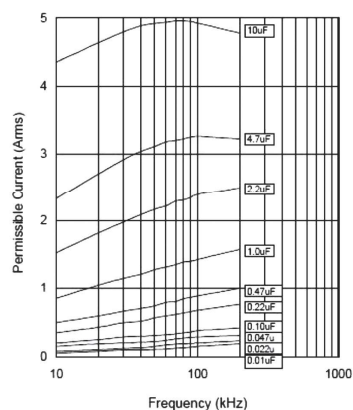


Frequency Characteristics

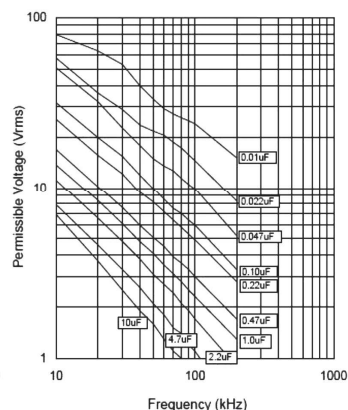


Applicable Specifications

Permissible Current



Permissible Voltage
(at sine wave)



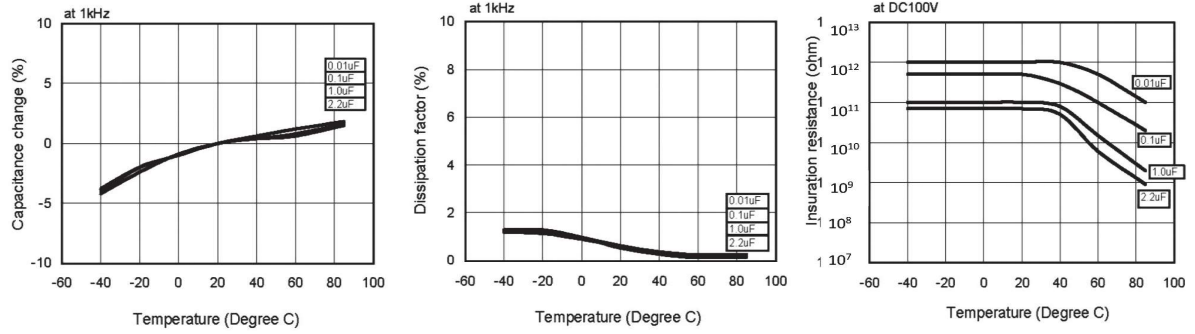
Pulse Handling Capability(dv/dt)
(Max 1000cycles)

Rating Voltage	Capacitance Value(μF)	Code	dV/dt(V/μs)	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	33	4.80
	0.150	154		7.20
	0.220	224		7.26
	0.330	334		10.89
	0.470	474	18	8.46
	0.680	684		12.24
	1.000	105		18.00
	1.500	155		27.00
	2.200	225	10	22.00
	3.300	335		33.00
	4.700	475		47.00
	6.800	685	8	54.40
	10.000	106		80.00

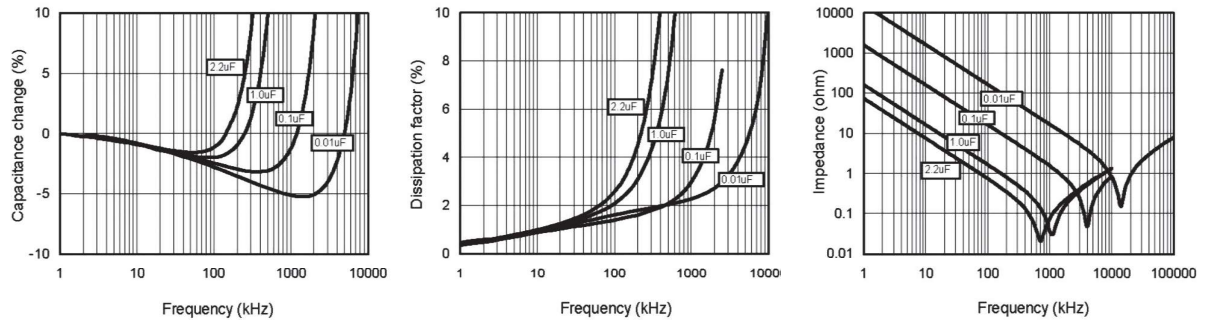
Electrical Characteristics (Typical Data)

400Vdc Series

Temperature Characteristics

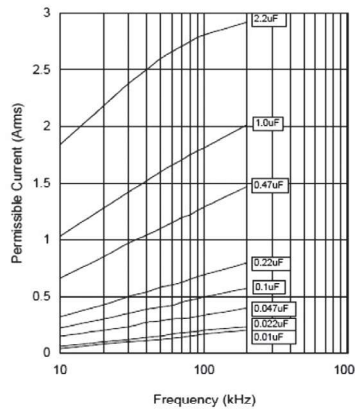


Frequency Characteristics

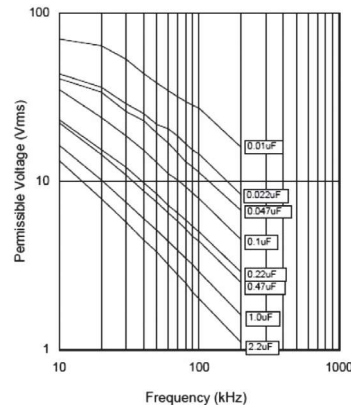


Applicable Specifications

Permissible Current



Permissible Voltage
(at sine wave)



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

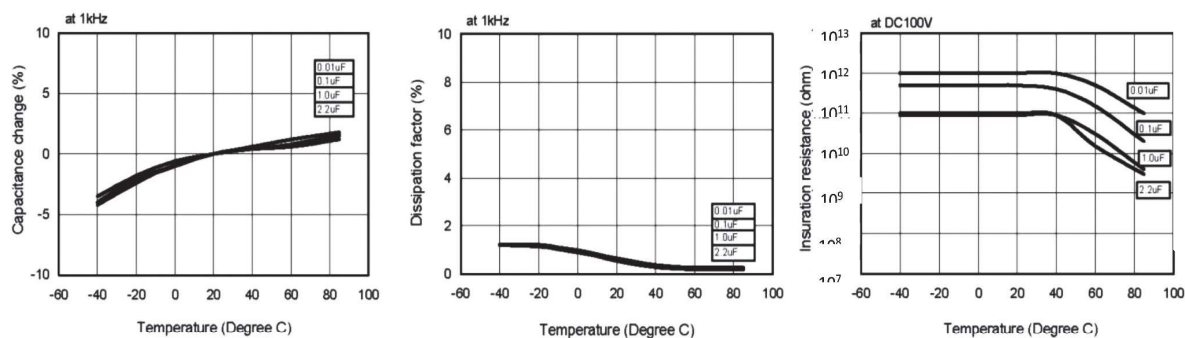
Rating Voltage	Capacitance Value(uF)	Code	dV/dt(V/us)	Current(o-p) (A)
400VDC	0.010	103	131	1.31
	0.015	153		1.97
	0.022	223		2.88
	0.033	333		4.32
	0.047	473	78	3.67
	0.068	683		5.30
	0.100	104		7.80
	0.150	154		5.55
	0.220	224	37	8.14
	0.330	334		12.21
	0.470	474		17.39
	0.680	684		14.96
	1.000	105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

Metallized Polyester Film Capacitor

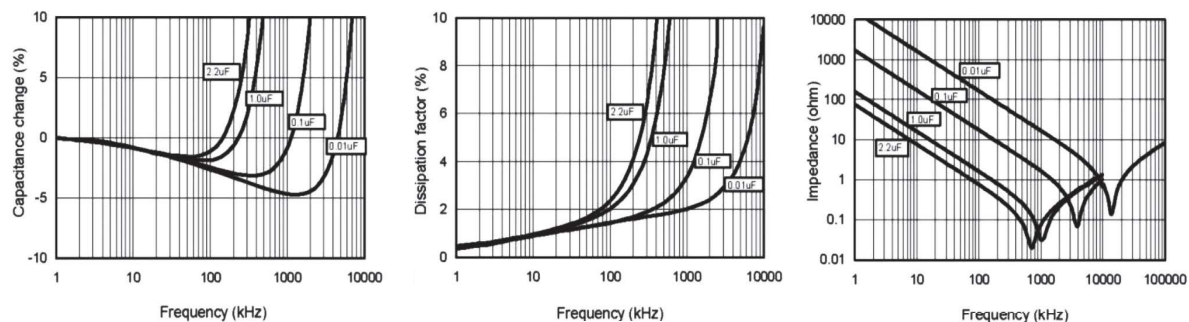
Electrical Characteristics (Typical Data)

630Vdc Series

Temperature Characteristics

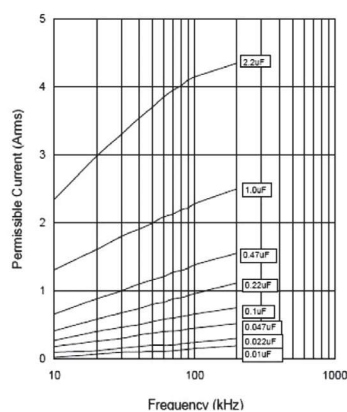


Frequency Characteristics

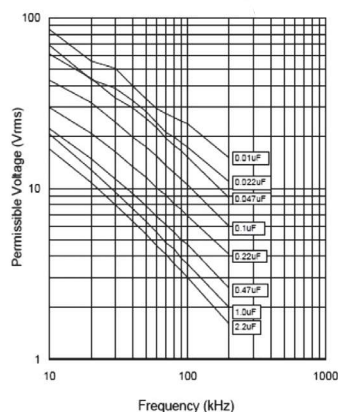


Applicable Specifications

Permissible Current



Permissible Voltage
(at sine wave)



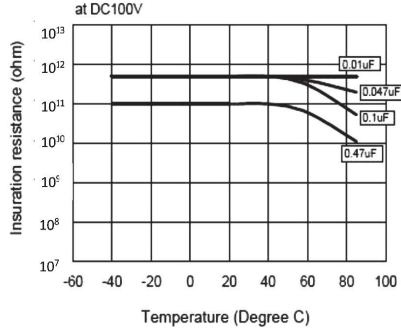
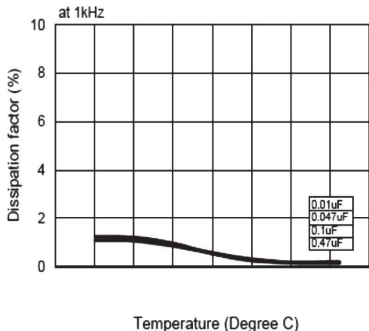
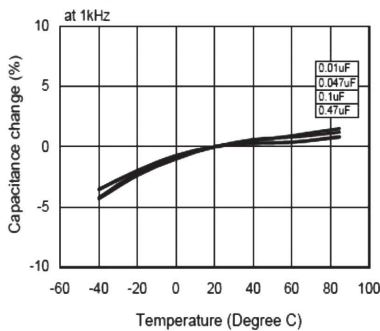
Pulse Handling Capability(dv/dt)
(Max 1000cycles)

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	116	12.83
	0.068	683		7.89
	0.100	104		11.60
	0.150	154		17.40
	0.220	224	63	25.52
	0.330	334		20.79
	0.470	474		29.61
	0.680	684		42.84
	1.000	105	48	48.00
	1.500	155		72.00
	2.200	225		105.60

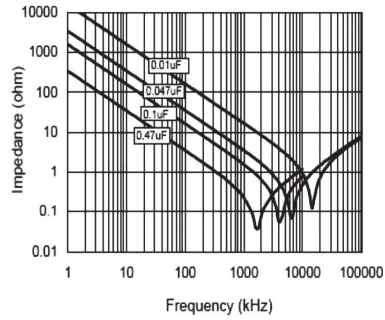
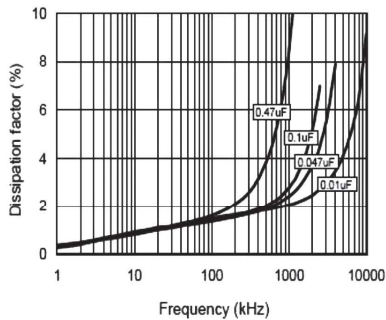
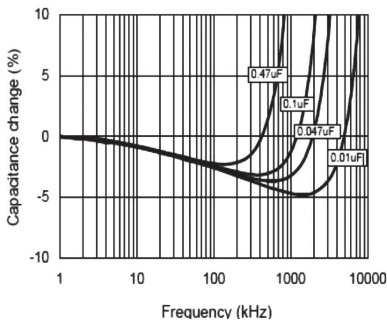
■ Electrical Characteristics (Typical Data)

125Vac Series

Temperature Characteristics



Frequency Characteristics

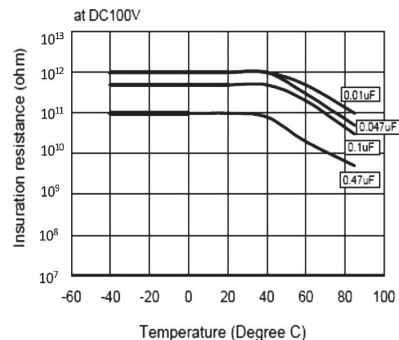
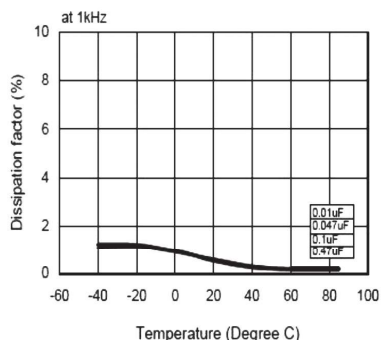
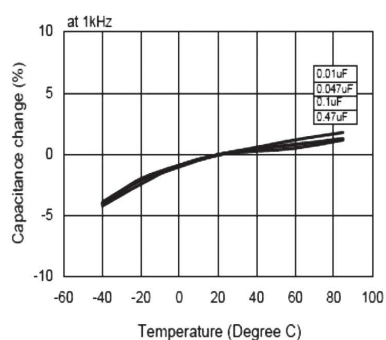


Metallized Polyester Film Capacitor

■ Electrical Characteristics (Typical Data)

250Vac Series

Temperature Characteristics



Frequency Characteristics

