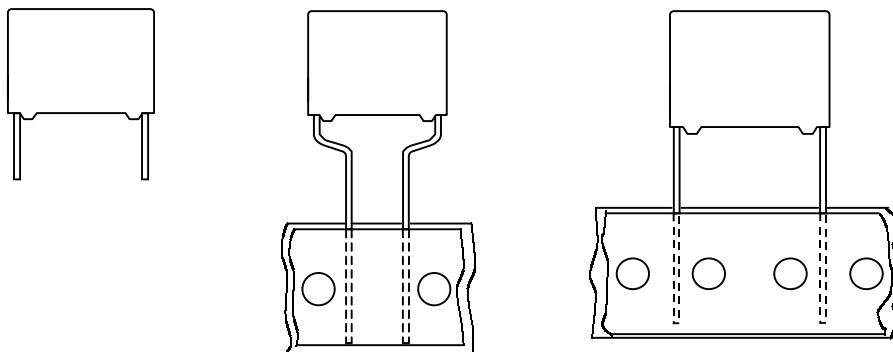


# Metallized Polyester film capacitors

PCMT 468

## MKT RADIAL POTTED CAPACITORS

 Pitch 10.0/15.0/22.5/27.5mm  
 (reduced pitch ; 7.5mm)


## QUICK REFERENCE DATA

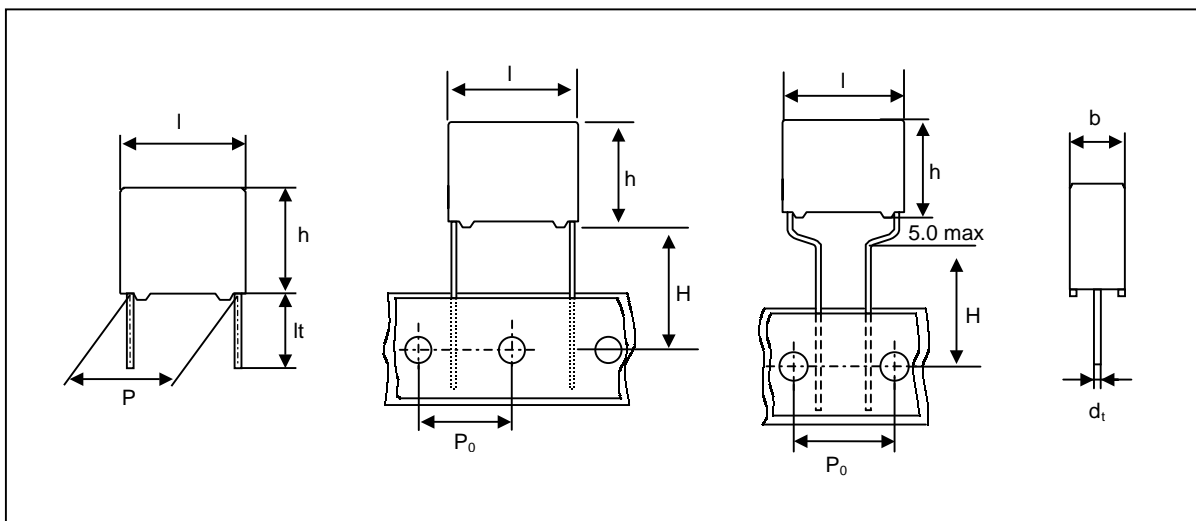
Capacitance range (E24 series)	0.01 to 6.8 $\mu$ F
Capacitance tolerance	$\pm 5\%$ , $\pm 10\%$ ,
Rated voltage (DC)	100 V, 250 V, 400 V, 630 V
Climatic category	55/105/56
Rated temperature (DC)	85°C
Maximum application temperature	105°C
Reference specification	IEC 60384-2

FEATURES	APPLICATIONS
<ul style="list-style-type: none"> <li>. Low inductive wound cell of metallized (PETP) film</li> <li>. Supplied loose in box and ammopark</li> <li>. Potted with epoxy resin in flame retardent case meeting the requirements of UL94-0</li> </ul>	<ul style="list-style-type: none"> <li>. General purpose</li> <li>. Blocking and coupling</li> <li>. Bypass and energy reservoir application</li> </ul>

# Metallized Polyester film capacitors

PCMT 468

## Ordering Information



PCMT 468

Type series

X X XXX

Capacitance

Code	Voltage
2	100V
4	250V
5	400V
6	630V
8	400V mini

Available versions					Product (I <sub>max</sub> )			
Code	Packing method	C-tol.	Lead length & Height	Hole to hole (P <sub>0</sub> )	12.5	18.0	26.0	31.0
					Pitch (P)			
2	Loose in box	± 5%	lt = 5.0±1.0mm	-	10	15	22.5	27.5
3	Loose in box	±10%	lt = 5.0±1.0mm	-	10	15	22.5	27.5
4	Loose in box	± 5%	lt = 25.0±2.0mm	-	10	15	22.5	27.5
5	Loose in box	±10%	lt = 25.0±2.0mm	-	10	15	22.5	27.5
6	Ammo packing	± 5%	H=16mm	15.0mm	10	15	22.5	27.5
7	Ammo packing	±10%	H=16mm	15.0mm	10	15	22.5	27.5
8	Ammo packing	± 5%	H=18.5mm	12.7mm	10	15	22.5	27.5
9	Ammo packing	±10%	H=18.5mm	12.7mm	10	15	22.5	27.5
A	Ammo packing	± 5%	H=16mm	15.0mm	-	7.5(*)	-	-
B	Ammo packing	±10%	H=16mm	15.0mm	-	7.5(*)	-	-
R	Loose in box	± 5%	lt = 3.2±0.3mm	-	10	15	22.5	27.5
S	Loose in box	±10%	lt = 3.2±0.3mm	-	10	15	22.5	27.5

\* Reduced pitch ( reduced lead spacings )

**Metallized Polyester  
film capacitors**
**PCMT 468**
**Packaging Information**

<b>SMALLEST PACKING QUANTITIES ( SPQ )</b>	<b>Loose in box</b>	
	<b>It = 5 ± 1 mm</b>	<b>It = 25 ± 2 mm</b>
<b>DIMENSIONS</b>	<b>SPQ</b>	<b>SPQ</b>
4.0 x 10.0 x 12.5	2000	1200
5.0 x 11.0 x 12.5	1500	1000
6.0 x 12.0 x 12.5	1000	1000
5.0 x 11.0 x 18.0	1000	1000
6.0 x 12.0 x 18.0	1000	1000
7.0 x 13.5 x 18.0	1000	1000
8.5 x 15.0 x 18.0	1000	1000
10.0 x 16.5 x 18.0	1000	1000
7.0 x 16.5 x 26.0	1000	1000
8.5 x 18.0 x 26.0	500	500
10.0 x 19.5 x 26.0	500	500
11.0 x 21.0 x 31.0	500	250
13.0 x 23.0 x 31.0	250	250
15.0 x 25.0 x 31.0	250	250
18.0 x 28.0 x 31.0	200	200

**Metallized Polyester  
film capacitors**
**PCMT 468**
 $V_{Rdc} = 100V$ 
 $V_{Rac} = 63V\sim$ 

Cap. ( $\mu F$ )	b x h x l (mm)	Mass (g)	CATALOGUE NUMBER	
			PCMT 468 .....	
			loose in box	
			It = 5 $\pm$ 1 mm	
			C-tol. $\pm$ 5 %	C-tol. $\pm$ 10 %
Pitch = 10.0 $\pm$ 0.4 mm			dt = 0.6 +0.06/-0.05 mm	
0.27 0.33	4.0 x 10.0 x 12.5	0.8	PCMT 468 22274 PCMT 468 22334	PCMT 468 23274 PCMT 468 23334
0.39 0.47	5.0 x 11.0 x 12.5	0.9	PCMT 468 22394 PCMT 468 22474	PCMT 468 23394 PCMT 468 23474
0.56 0.68	6.0 x 12.0 x 12.5	1.0	PCMT 468 22564 PCMT 468 22684	PCMT 468 23564 PCMT 468 23684
Pitch = 15.0 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.82	5.0 x 11.0 x 18.0	1.2	PCMT 468 22824	PCMT 468 23824
1.0 1.2	6.0 x 12.0 x 18.0	1.4	PCMT 468 22105 PCMT 468 22125	PCMT 468 23105 PCMT 468 23125
1.5	7.0 x 13.5 x 18.0	1.9	PCMT 468 22155	PCMT 468 23155
1.8 2.2	8.5 x 15.0 x 18.0	2.6	PCMT 468 22185 PCMT 468 22225	PCMT 468 23185 PCMT 468 23225
Pitch = 22.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
2.7 3.3	7.0 x 16.5 x 26.0	3.2	PCMT 468 22275 PCMT 468 22335	PCMT 468 23275 PCMT 468 23335
3.9 4.7	8.5 x 18.0 x 26.0	4.4	PCMT 468 22395 PCMT 468 22475	PCMT 468 23395 PCMT 468 23475
5.6 6.8	10.0 x 19.5 x 26.0	5.5	PCMT 468 22565 PCMT 468 22685	PCMT 468 23565 PCMT 468 23685

**Metallized Polyester  
film capacitors**
**PCMT 468**
 $V_{Rdc} = 250V$ 
 $V_{Rac} = 160V$ 

Cap. ( $\mu F$ )	b x h x l (mm)	Mass (g)	CATALOGUE NUMBER	
			PCMT 468 .....	
			loose in box	
			It = 5 $\pm$ 1 mm	
			C-tol. $\pm$ 5 %	C-tol. $\pm$ 10 %
Pitch = 10.0 $\pm$ 0.4 mm			dt = 0.6 +0.06/-0.05 mm	
0.1 0.12	4.0 x 10.0 x 12.5	0.8	PCMT 468 42104 PCMT 468 42124	PCMT 468 43104 PCMT 468 43124
0.15 0.18 0.22	5.0 x 11.0 x 12.5	0.9	PCMT 468 42154 PCMT 468 42184 PCMT 468 99001	PCMT 468 43154 PCMT 468 43184 PCMT 468 99002
Pitch = 15.0 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.22 0.27 0.33	5.0 x 11.0 x 18.0	1.2	PCMT 468 42224 PCMT 468 42274 PCMT 468 42334	PCMT 468 43224 PCMT 468 43274 PCMT 468 43334
0.39 0.47	6.0 x 12.0 x 18.0	1.4	PCMT 468 42394 PCMT 468 42474	PCMT 468 43394 PCMT 468 43474
0.56 0.68	7.0 x 13.5 x 18.0	1.9	PCMT 468 42564 PCMT 468 42684	PCMT 468 43564 PCMT 468 43684
0.82 1.0	8.5 x 15.0 x 18.0	2.6	PCMT 468 42824 PCMT 468 42105	PCMT 468 43824 PCMT 468 43105
Pitch = 22.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
1.0 1.2	7.0 x 16.5 x 26.0	3.2	PCMT 468 99003 PCMT 468 42125	PCMT 468 99004 PCMT 468 43125
1.5 1.8	8.5 x 18.0 x 26.0	4.4	PCMT 468 42155 PCMT 468 42185	PCMT 468 43155 PCMT 468 43185
2.2 2.7	10.0 x 19.5 x 26.0	5.5	PCMT 468 42225 PCMT 468 42275	PCMT 468 43225 PCMT 468 43275
Pitch = 27.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
3.3	11.0 x 21.0 x 31.0	7.8	PCMT 468 42335	PCMT 468 43335
3.9 4.7	13.0 x 23.0 x 31.0	10.4	PCMT 468 42395 PCMT 468 42475	PCMT 468 43395 PCMT 468 43475

**Metallized Polyester  
film capacitors**
**PCMT 468**
 $V_{Rdc} = 400V$ 
 $V_{Rac} = 220V$ 

Cap. ( $\mu F$ )	b x h x l (mm)	Mass (g)	CATALOGUE NUMBER	
			PCMT 468 .....	
			loose in box	
			It = 5 $\pm$ 1 mm	
			C-tol. $\pm$ 5 %	C-tol. $\pm$ 10 %
Pitch = 10.0 $\pm$ 0.4 mm			dt = 0.6 +0.06/-0.05 mm	
0.039 0.047	4.0 x 10.0 x 12.5	0.8	PCMT 468 52393 PCMT 468 52473	PCMT 468 53393 PCMT 468 53473
0.056 0.068	5.0 x 11.0 x 12.5	0.9	PCMT 468 52563 PCMT 468 52683	PCMT 468 53563 PCMT 468 53683
0.082	6.0 x 12.0 x 12.5	1.0	PCMT 468 52823	PCMT 468 53823
Pitch = 15.0 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.1 0.12	5.0 x 11.0 x 18.0	1.2	PCMT 468 52104 PCMT 468 52124	PCMT 468 53104 PCMT 468 53124
0.15 0.18	6.0 x 12.0 x 18.0	1.4	PCMT 468 52154 PCMT 468 52184	PCMT 468 53154 PCMT 468 53184
0.22 0.27	7.0 x 13.5 x 18.0	1.9	PCMT 468 52224 PCMT 468 52274	PCMT 468 53224 PCMT 468 53274
0.33 0.39	8.5 x 15.0 x 18.0	2.6	PCMT 468 52334 PCMT 468 52394	PCMT 468 53334 PCMT 468 53394
Pitch = 22.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.47 0.56	7.0 x 16.5 x 26.0	3.2	PCMT 468 52474 PCMT 468 52564	PCMT 468 53474 PCMT 468 53564
0.68 0.82	8.5 x 18.0 x 26.0	4.4	PCMT 468 52684 PCMT 468 52824	PCMT 468 53684 PCMT 468 53824
1.0	10.0 x 19.5 x 26.0	5.5	PCMT 468 52105	PCMT 468 53105
Pitch = 27.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
1.2 1.5	11.0 x 21.0 x 31.0	7.8	PCMT 468 52125 PCMT 468 52155	PCMT 468 53125 PCMT 468 53155
1.8	13.0 x 23.0 x 31.0	10.4	PCMT 468 52185	PCMT 468 53185
2.2	15.0 x 25.0 x 31.0	12.8	PCMT 468 52225	PCMT 468 53225

**Metallized Polyester  
film capacitors**
**PCMT 468**
 $V_{Rdc} = 630V$ 
 $V_{Rac} = 250V$ 

Cap. ( $\mu F$ )	b x h x l (mm)	Mass (g)	CATALOGUE NUMBER	
			PCMT 468 .....	
			loose in box	
			It = 5 $\pm$ 1 mm	
			C-tol. $\pm$ 5 %	C-tol. $\pm$ 10 %
Pitch = 10.0 $\pm$ 0.4 mm			dt = 0.6 +0.06/-0.05 mm	
0.01 0.012	4.0 x 10.0 x 12.5	0.8	PCMT 468 62103 PCMT 468 62123	PCMT 468 63103 PCMT 468 63123
0.015 0.018 0.022 0.027 0.033	5.0 x 11.0 x 12.5	0.9	PCMT 468 62153 PCMT 468 62183 PCMT 468 62223 PCMT 468 62273 PCMT 468 62333	PCMT 468 63153 PCMT 468 63183 PCMT 468 63223 PCMT 468 63273 PCMT 468 63333
0.039 0.047	6.0 x 12.0 x 12.5	1.0	PCMT 468 62393 PCMT 468 62473	PCMT 468 63393 PCMT 468 63473
Pitch = 15.0 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.047 0.056	5.0 x 11.0 x 18.0	1.2	PCMT 468 99005 PCMT 468 62563	PCMT 468 99006 PCMT 468 63563
0.068 0.082	6.0 x 12.0 x 18.0	1.4	PCMT 468 62683 PCMT 468 62823	PCMT 468 63683 PCMT 468 63823
0.1 0.12	7.0 x 13.5 x 18.0	1.9	PCMT 468 62104 PCMT 468 62124	PCMT 468 63104 PCMT 468 63124
0.15 0.18	8.5 x 15.0 x 18.0	2.6	PCMT 468 62154 PCMT 468 62184	PCMT 468 63154 PCMT 468 63184
Pitch = 22.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.22 0.27	7.0 x 16.5 x 26.0	3.2	PCMT 468 62224 PCMT 468 62274	PCMT 468 63224 PCMT 468 63274
0.33 0.39	8.5 x 18.0 x 26.0	4.4	PCMT 468 62334 PCMT 468 62394	PCMT 468 63334 PCMT 468 63394
0.47 0.56	10.0 x 19.5 x 26.0	5.5	PCMT 468 62474 PCMT 468 62564	PCMT 468 63474 PCMT 468 63564
Pitch = 27.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.68	11.0 x 21.0 x 31.0	7.8	PCMT 468 62684	PCMT 468 63684
0.82	13.0 x 23.0 x 31.0	10.4	PCMT 468 62824	PCMT 468 63824
1.0	15.0 x 25.0 x 31.0	12.8	PCMT 468 62105	PCMT 468 63105
1.2	18.0 x 28.0 x 31.0	17.2	PCMT 468 62125	PCMT 468 63125

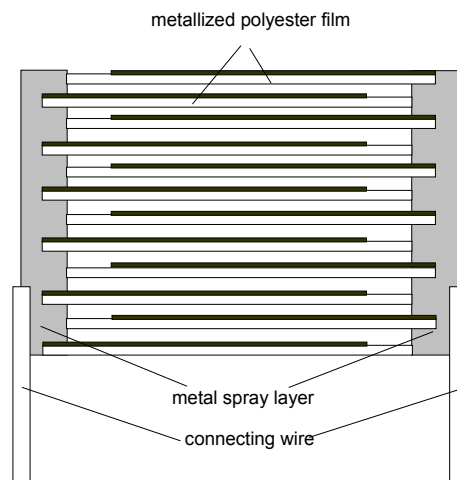
**Metallized Polyester  
film capacitors**
**PCMT 468**
 $V_{Rdc} = 400V$ 
 $V_{Rac} = 220V\sim$ 
**mini type**

Cap. ( $\mu F$ )	b x h x l (mm)	Mass (g)	CATALOGUE NUMBER	
			PCMT 468 .....	
			loose in box	
			lt = 5 $\pm$ 1 mm	
			C-tol. $\pm$ 5 %	C-tol. $\pm$ 10 %
Pitch = 10.0 $\pm$ 0.4 mm			dt = 0.6 +0.06/-0.05 mm	
0.01 0.012 0.015 0.018 0.022 0.027 0.033 0.039 0.047	4.0 x 10.0 x 12.5	0.8	PCMT 468 82103 PCMT 468 82123 PCMT 468 82153 PCMT 468 82183 PCMT 468 82223 PCMT 468 82273 PCMT 468 82333 PCMT 468 82393 PCMT 468 82473	PCMT 468 83103 PCMT 468 83123 PCMT 468 83153 PCMT 468 83183 PCMT 468 83223 PCMT 468 83273 PCMT 468 83333 PCMT 468 83393 PCMT 468 83473
0.056 0.068	5.0 x 11.0 x 12.5	0.9	PCMT 468 82563 PCMT 468 82683	PCMT 468 83563 PCMT 468 83683
0.082 0.1	6.0 x 12.0 x 12.5	1.0	PCMT 468 82823 PCMT 468 82104	PCMT 468 83823 PCMT 468 83104
Pitch = 15.0 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.12 0.15	5.0 x 11.0 x 18.0	1.2	PCMT 468 82124 PCMT 468 82154	PCMT 468 83124 PCMT 468 83154
0.18 0.20 0.22	6.0 x 12.0 x 18.0	1.4	PCMT 468 82184 PCMT 468 82204 PCMT 468 82224	PCMT 468 83184 PCMT 468 83204 PCMT 468 83224
0.27 0.33	7.0 x 13.5 x 18.0	1.9	PCMT 468 82274 PCMT 468 82334	PCMT 468 83274 PCMT 468 83334
0.39 0.47	8.5 x 15.0 x 18.0	2.6	PCMT 468 82394 PCMT 468 82474	PCMT 468 83394 PCMT 468 83474
0.56	10.0 x 16.5 x 18.0		PCMT 468 82564	PCMT 468 83564
Pitch = 22.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
0.68 0.82	8.5 x 18.0 x 26.0	4.4	PCMT 468 82684 PCMT 468 82824	PCMT 468 83684 PCMT 468 83824
1.0 1.2	10.0 x 19.5 x 26.0	5.5	PCMT 468 82105 PCMT 468 82125	PCMT 468 83105 PCMT 468 83125
Pitch = 27.5 $\pm$ 0.4 mm			dt = 0.8 +0.08/-0.05 mm	
1.5	11.0 x 21.0 x 31.0	7.8	PCMT 468 82155	PCMT 468 83155
1.8	13.0 x 23.0 x 31.0	10.4	PCMT 468 82185	PCMT 468 83185
2.2	15.0 x 25.0 x 31.0	12.8	PCMT 468 82225	PCMT 468 83225

## Metallized Polyester film capacitors

PCMT 468

### CONSTRUCTION



#### Description

- . Low-inductive wound cell of metallized polyester film, potted in a epoxy resin in a flame-retardant polypropylene case.
- . Radial leads, tin-coated.
- . Small stand-off pips allow removal of solder flux etc. during cleaning of the printed-circuit board.

### MOUNTING

#### NORMAL USE

The capacitors are designed for mounting on printed-circuit boards. The capacitors packed in bandoliers are designed for mounting on printed-circuit boards by means of automatic insertion machines.

#### SPECIFIC METHOD OF MOUNTING OF WITHSTAND VIBRATION AND SHOCK.

In order to withstand vibration and shock tests, it must be ensured that the stand-off pips are in good contact with the printed-circuit boards.

- . For  $I_{max}$  18mm the capacitors shall be mechanically fixed by the leads.
- . For larger pitches the capacitors shall be mounted in the same way and the body clamped.

### STORAGE TEMPERATURE

- . Storage temperature :  $T_{stg} = -25$  to  $+40^{\circ}\text{C}$  with RH maximum 80% without condensation.

### RATINGS AND CHARACTERISTICS

Unless otherwise specified, all electrical values apply at an ambient free air temperature of  $23 \pm 1^{\circ}\text{C}$ , an atmospheric pressure of 86 to 106 kPa and a relative humidity of  $50 \pm 2\%$ .

For reference testing, a conditioning period shall be applied over  $96 \pm 4$  hours by heating the products in a circulating air oven at the rated temperature and a relative humidity not exceeding 20%.

## Metallized Polyester film capacitors

PCMT 468

### CHARACTERISTICS

#### ● Test Voltage

- Test Voltage ( between leads ) :  $1.6 \times V_{Rdc}$ , 1 min ( cut off current 10mA, rise time 100V/s )
- Test Voltage ( between leads and case ) :  $2.0 \times V_{Rdc}$ , 1 min

#### ● Dissipation Factor

Rated voltage	Capacitance	Tangent of loss angle ( $\times 10^{-4}$ )		
		1 KHz	10 KHz	100 KHz
100 V	$0.39\mu\text{F} < C \leq 0.47\mu\text{F}$	$\leq 75$	$\leq 120$	$\leq 225$
	$0.47\mu\text{F} < C \leq 6.8 \mu\text{F}$	$\leq 75$	$\leq 120$	-
250 V	$0.1 \mu\text{F} < C \leq 0.47\mu\text{F}$	$< 75$	$< 120$	$< 225$
	$0.47\mu\text{F} < C \leq 5.6 \mu\text{F}$	$< 75$	$< 120$	-
400 V	$C \leq 0.1 \mu\text{F}$	$< 75$	$< 120$	$< 200$
	$0.1 \mu\text{F} \leq C \leq 0.47\mu\text{F}$	$< 75$	$< 120$	$< 225$
	$C > 0.47\mu\text{F}$	$< 75$	$< 120$	-
630 V	$C \leq 0.1 \mu\text{F}$	$< 75$	$< 120$	$< 200$
	$0.1 \mu\text{F} < C \leq 0.47\mu\text{F}$	$< 75$	$< 120$	$< 225$
	$C > 0.47\mu\text{F}$	$< 75$	$< 120$	-

#### ● Insulation Resistance

The insulation resistance is measured after a voltage has been applied for 1 minute  $\pm 5$  seconds, the voltage being  $100 \pm 15\text{V}$  for the 100, 250 and 400V versions and  $500 \pm 50\text{V}$  for the 630V versions.

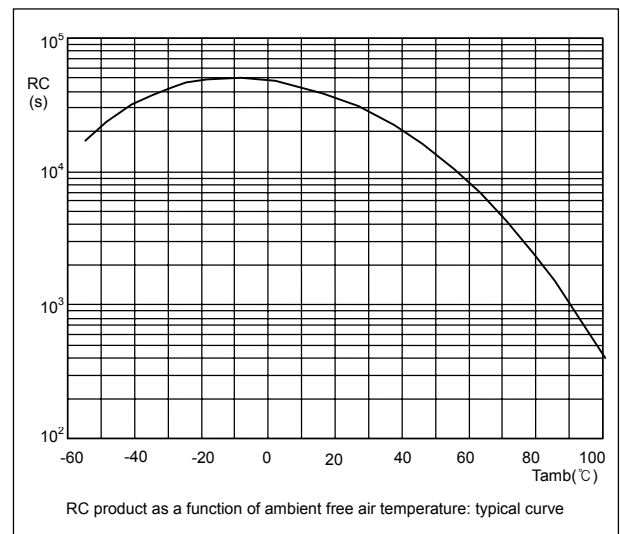
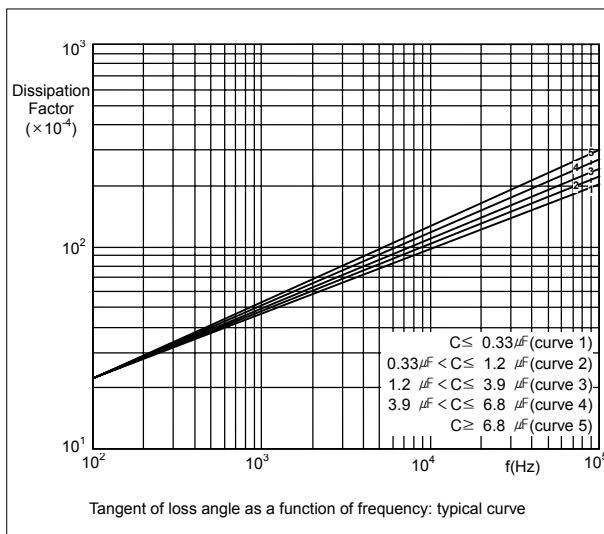
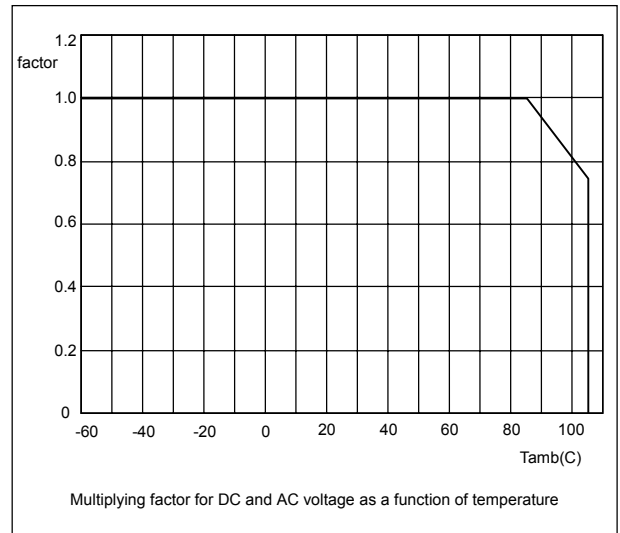
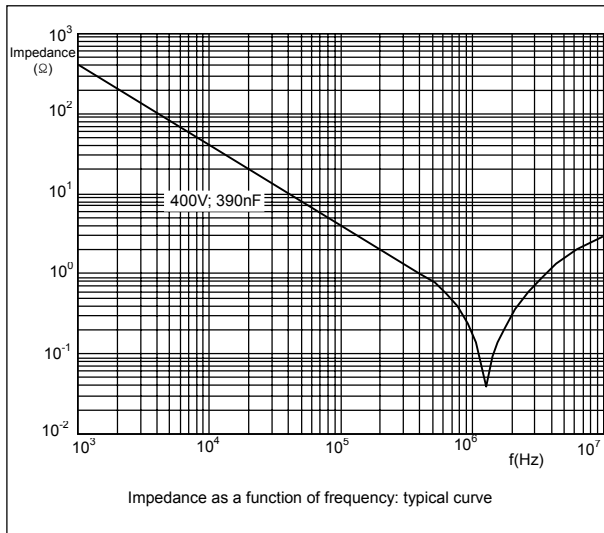
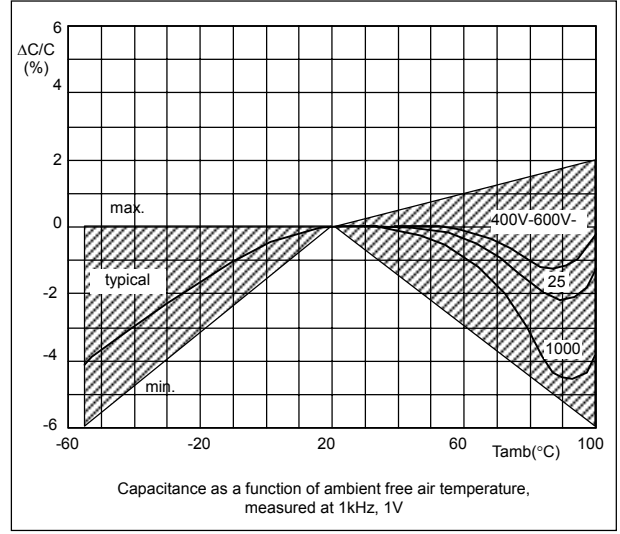
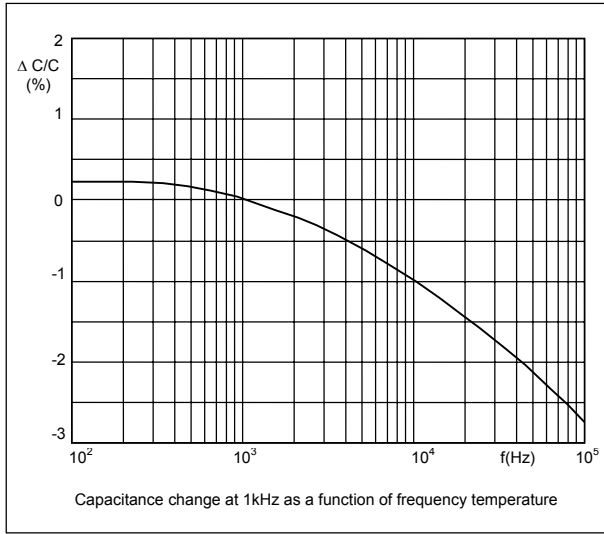
Rated voltage	Capacitance	R between leads ( $\text{M}\Omega$ )	RC between leads (sec)
100 V	$C > 0.33\mu\text{F}$	-	$> 5\ 000\ \text{s}$
250 V / 400 V / 630 V	$C \leq 0.33\mu\text{F}$	$> 30\ 000$	-
	$C > 0.33\mu\text{F}$	-	$> 10\ 000\ \text{s}$

#### ● Rated Voltage Pulse Load Slope (dV/dt)<sub>R</sub>

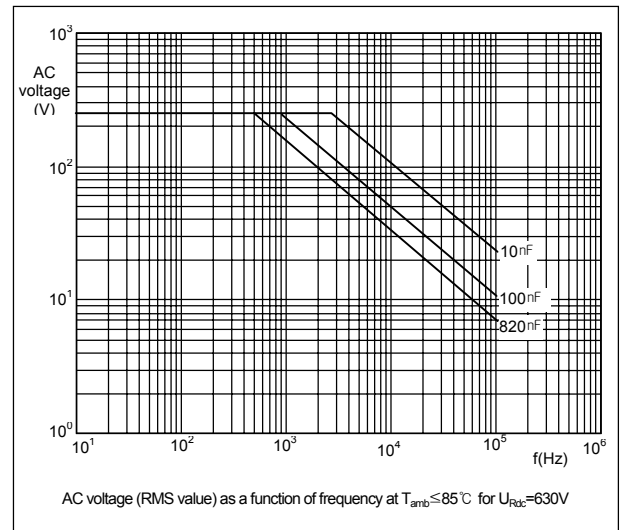
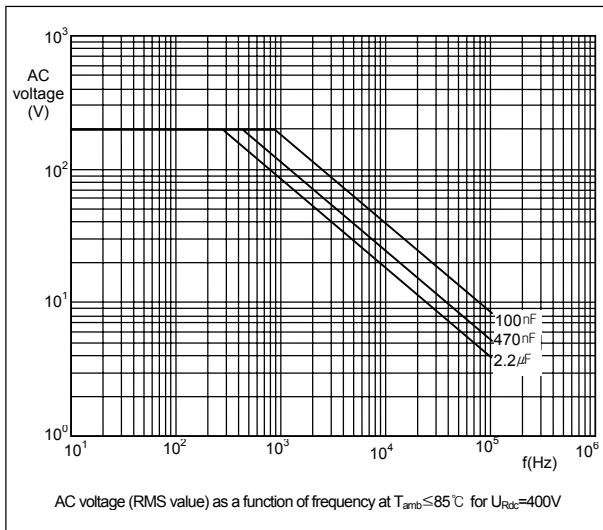
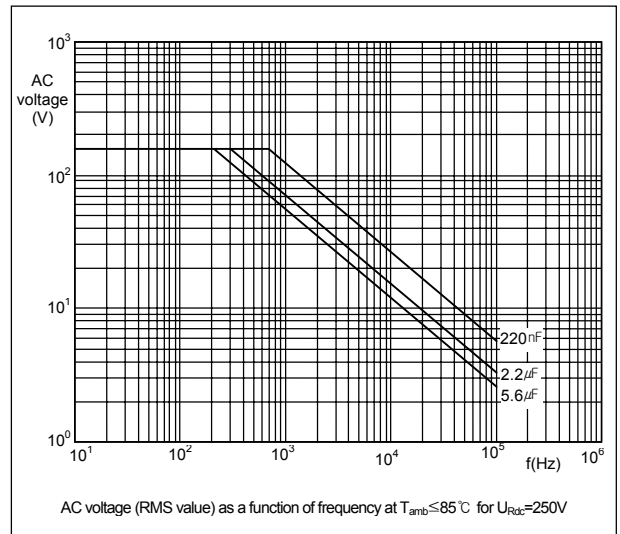
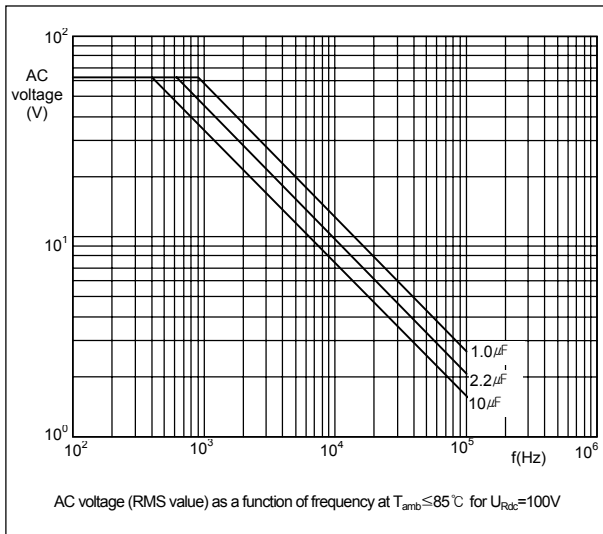
For values see specific reference data. If the pulse voltage is lower than the rated voltage, the values of the specific reference data must be multiplied by  $V_{Rdc}$  and divided by the applied voltage

Rated voltage	Rated pulse load(V/ $\mu\text{s}$ ) as a function of $I_{max}$			
	$I_{max} = 12.5\text{mm}$	$I_{max} = 18.0\text{mm}$	$I_{max} = 26.0\text{mm}$	$I_{max} = 31.0\text{mm}$
100 V	30	20	20	-
250 V	120	45	20	15
400 V	170	65	30	25
630 V	90	90	35	30

**THE GRAPHS OF CHARACTERISTICS**



**MAXIMUM RMS VOLTAGE (SINEWAVE) AS A FUNCTION OF FREQUENCY**



**APPLICATION NOTE AND LIMITING CONDITIONS**

These capacitors are not suitable for mains application as across-the-line capacitors without additional protection.

To select the capacitor for a certain application, the following conditions must be checked :

1. The peak voltage ( $V_p$ ) shall not be greater than the rated DC voltage ( $V_{Rdc}$ ).
2. The peak-to-peak voltage ( $V_{p-p}$ ) shall not be greater than the maximum  $V_{p-p}$  to avoid the ionization inception level.
3. The voltage pulse slope ( $dV/dt$ ) shall not exceed the rated voltage pulse slope in an RC-circuit at rated voltage and without ringing. If the pulse voltage is lower than the rated DC voltage, the rated voltage pulse slope may be multiplied by  $V_{Rdc}$  and divided by the applied voltage. For all other pulses following equation must be fulfilled :

$$2 \times \int_0^T \left( \frac{dU}{dt} \right) \times dt < U_{Rdc} \times \left( \frac{dU}{dt} \right)_{rated}$$

T is the pulse duration.

4. The maximum component surface temperature rise must be lower than the limits.

Voltage conditions for above.

ALLOWED VOLTAGES	$T_{amb} \leq 85^\circ\text{C}$	$85^\circ\text{C} < T_{amb} \leq 105^\circ\text{C}$
Maximum continuous RMS voltage	$V_{Rac}$	$0.75 \times V_{Rac}$
Maximum temporary RMS overvoltage (<24 hrs)	$1.25 \times V_{Rac}$	$0.95 \times V_{Rac}$
Maximum peak voltage ( $V_{o-p}$ ) (<2s)	$1.6 \times V_{Rdc}$	$1.3 \times V_{Rdc}$

## Metallized Polyester film capacitors

### PRODUCT MARKING

The capacitors are marked on the top and side or on the top with the following information ;

- . Rated capacitance in code according to IEC 60062
- . Tolerance on rated capacitance ; J =  $\pm 5\%$  , K =  $\pm 10\%$
- . Rated DC voltage ; (e.g. 400V )
- . Manufacturer's type designation ( 468 )
- . Code for dielectric material (MKT(ME))

Example of marking

pitch = 10mm

100n J 250V

Marking on the top

PILKOR  
468 MKT(ME)

Marking on the side

pitch = 15mm

100n J 630V  
468 MKT(ME)

Marking on the top

PILKOR  
WK....

Marking on the side

pitch = 22.5mm / 27.5mm

470n J 400V PILKOR  
468 MKT(ME) WK....

Marking on the top

470n J 400V  
468 MKT(ME)

Marking on the top

PILKOR  
WK....

Marking on the side