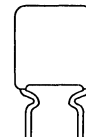
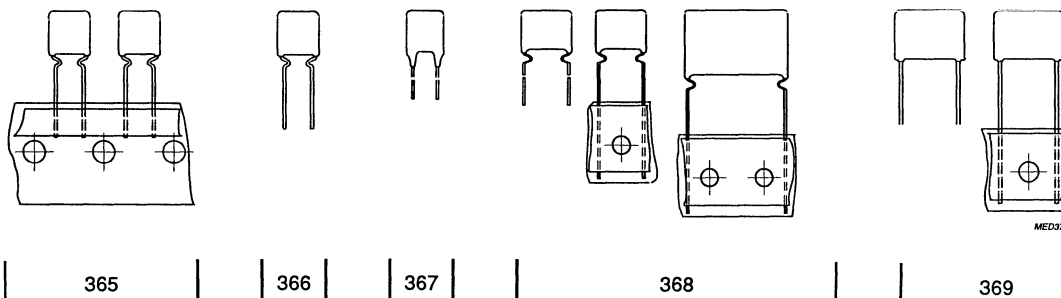


**Metallized POLYESTER MKT 365/366/367/368/369 film capacitors**



MKT RADIAL EPOXY LACQUERED CAPACITORS

Pitch 5/7.5/10/15/22.5/27.5



365	366	367	368	369
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**QUICK REFERENCE DATA**

Capacitance range (E12 series)	0.001 to 6.8 $\mu$ F
Capacitance tolerance	$\pm$ 20%, $\pm$ 10%, $\pm$ 5%
Rated voltage $U_{Rdc}$	63 V, 100 V, 250 V, 400 V, 630 V
Climatic category	55/100/56
Rated temperature	85 °C
Maximum application temperature	100 °C
Tangent of loss angle at 10 kHz	$100 \times 10^{-4}$
Reference specifications	IEC 384-2
Performance grade	Grade 1 (long life)

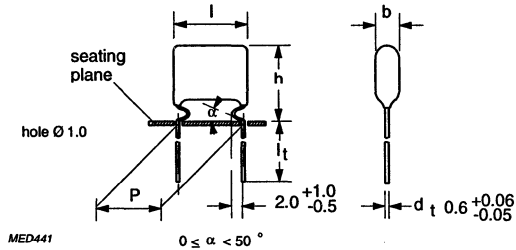
<p><b>FEATURES</b></p> <ul style="list-style-type: none"> <li>• Low-inductive wound cell of metallized (PETP) film</li> <li>• Cell protected by epoxy lacquer</li> <li>• Radial leads of solder-coated wire</li> <li>• Withstand solvents and rinsing liquids</li> <li>• Small stand-off pips allow removal of solder flux.</li> </ul>	<p><b>APPLICATIONS</b></p> <ul style="list-style-type: none"> <li>• Blocking and coupling</li> <li>• Bypass and energy reservoir applications.</li> </ul>
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**Metallized POLYESTER  
film capacitors**

**MKT 368**



Pitch 10



$U_{Rdc} = 63 V$

$U_{Rac} = 40 V$

**loose and taped**

Cap. ( $\mu F$ )	$b_{max} \times h_{max} \times l_{max}$ (mm)	mass (g)	CATALOGUE NUMBER 2222 368 .....					
			loose in box				taped on reel	
			$l_t = 4 +1/-0.5 \text{ mm}$		$l_t = 19 \pm 4 \text{ mm}$		$H = 18.5 \text{ mm}^*$	
			C-tol $\pm 10\%$	C-tol $\pm 5\%$	C-tol $\pm 10\%$	C-tol $\pm 5\%$	C-tol $\pm 10\%$	C-tol $\pm 5\%$
Pitch = 10.16 $\pm$ 0.3								
0.22	4.5 x 12.5 x 12.5	0.4	15224	16224	11224	12224	18224	19224
0.27			15274	16274	11274	12274	18274	19274
0.33			15334	16334	11334	12334	18334	19334
0.39			15394	16394	11394	12394	18394	19394
0.47	5.0 x 13.0 x 12.5	0.5	15474	16474	11474	12474	18474	19474
0.56			15564	16564	11564	12564	18564	19564
0.68	5.5 x 13.5 x 12.5	0.5	15684	16684	11684	12684	18684	19684
0.82	6.0 x 14.0 x 12.5	0.6	15824	16824	11824	12824	18824	19824
1.0	6.5 x 14.5 x 12.5	0.7	15105	16105	11105	12105	18105	19105

Lead length 3  $\pm$  0.4 mm available with code 2222 368 13... for 10% and 2222 368 17... for 5% version.

SMALLEST PACKING QUANTITIES (SPQ)	loose in box		taped on reel
DIMENSIONS	SPQ	SPQ	SPQ
4.5 x 12.5 x 12.5	1000	2000	1300
5.0 x 13.0 x 12.5	1000	2000	1200
5.5 x 13.5 x 12.5	1000	2000	1100
6.0 x 14.0 x 12.5	1000	2000	1000
6.5 x 14.5 x 12.5	1000	2000	900

\* H: intape height; for detailed specifications refer to chapter PACKAGING.

**Metallized POLYESTER  
film capacitors**
**MKT 368**

**SPECIFIC REFERENCE DATA FOR 63 V DC**

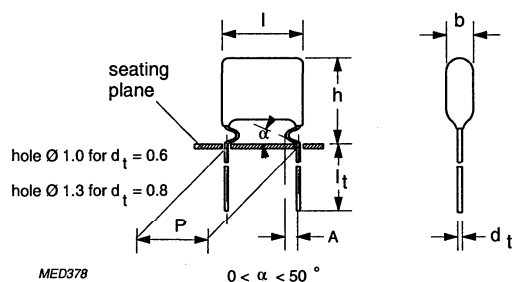
Tangent of loss angle	at 1 kHz	at 10 kHz	at 100 kHz
$C \leq 0.1 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 225 \cdot 10^{-4}$
$0.1 \mu\text{F} < C \leq 0.47 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 300 \cdot 10^{-4}$
$0.47 \mu\text{F} < C \leq 1.0 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	-
Rated voltage pulse slope $(dU/dt)_R$ at $U_{Rdc}$ (see also application note)	30 V / $\mu\text{s}$		
R between terminations, for $C \leq 0.33 \mu\text{F}$	>15 000 M $\Omega$		
RC between terminations, for $C > 0.33 \mu\text{F}$	>5000 s		
R between interconnected terminations and case (foil method)	>30 000 M $\Omega$		

**Metallized POLYESTER  
film capacitors**

**MKT 368**



Pitch 10/15/22.5/27.5



**SPECIFIC REFERENCE DATA FOR 100 V DC**

Tangent of loss angle	at 1 kHz	at 10 kHz	at 100 kHz
$C \leq 0.1 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 250 \cdot 10^{-4}$
$0.1 \mu\text{F} < C \leq 0.47 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 300 \cdot 10^{-4}$
$0.47 \mu\text{F} < C \leq 1.0 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	-
Rated voltage pulse slope $(dU/dt)_R$	$P = 10.0 \text{ mm}; 28 \text{ V}/\mu\text{s}$ $P = 22.5 \text{ mm}; 8 \text{ V}/\mu\text{s}$	$P = 15.0 \text{ mm}; 20 \text{ V}/\mu\text{s}$ $P = 27.5 \text{ mm}; 7 \text{ V}/\mu\text{s}$	
R between terminations, for $C \leq 0.33 \mu\text{F}$	>15 000 M $\Omega$		
RC between terminations, for $C > 0.33 \mu\text{F}$	>5000 s		

SMALLEST PACKING QUANTITIES (SPQ)	loose in box		taped on reel
	$l_t = 4 \text{ mm}$	$l_t = 19 \text{ mm}$	$H = 18.5 \text{ mm}$
DIMENSIONS	SPQ	SPQ	SPQ
4.0 x 12.0 x 12.5	2000	1000	1500
4.5 x 12.5 x 12.5	2000	1000	1300
5.0 x 13.0 x 12.5	2000	1000	1200
5.0 x 14.0 x 17.5	2000	1000	1200
5.5 x 14.5 x 17.5	2000	1000	1100
6.0 x 15.0 x 17.5	2000	1000	1000
6.5 x 15.5 x 17.5	2000	1000	900
7.5 x 16.5 x 17.5	2000	1000	800
6.0 x 18.0 x 26.0	1000	1000	650
6.5 x 19.5 x 26.0	1000	1000	600
7.0 x 20.0 x 26.0	1000	1000	500
8.5 x 21.0 x 26.0	1000	500	450
8.5 x 20.5 x 30.5	500	500	450
9.5 x 21.5 x 30.0	500	500	400
10.5 x 22.5 x 30.0	500	500	350
11.5 x 23.5 x 30.0	500	500	350

**Metallized POLYESTER**  
**film capacitors**

MKT 368

 $U_{Rdc} = 100 \text{ V}$  $U_{Rac} = 63 \text{ V}$ 

loose and taped

Cap. ( $\mu\text{F}$ )	$b_{\text{max}} \times h_{\text{max}} \times l_{\text{max}}$ (mm)	mass (g)	CATALOGUE NUMBER 2222 368 .....					
			loose in box				taped on reel	
			$l_1 = 4 \pm 1/-0.5 \text{ mm}$		$l_1 = 19 \pm 4 \text{ mm}$		$H = 18.5 \text{ mm}^*$	
			C-tol $\pm 10\%$	C-tol $\pm 5\%$	C-tol $\pm 10\%$	C-tol $\pm 5\%$	C-tol $\pm 10\%$	C-tol $\pm 5\%$
Pitch = $10.16 \pm 0.3 \text{ mm}$ ; $d_1 = 0.6 \pm 0.06/-0.05 \text{ mm}$ ; $A = 2.0 \pm 1/-0.5 \text{ mm}$								
0.056 0.068 0.082 0.10 0.12 0.15	4.0 x 12.0 x 12.5	0.4	25563 25683 25823 25104 25124 25154	26563 26683 26823 26104 26124 26154	21563 21683 21823 21104 21124 21154	22563 22683 22823 22104 22124 22154	28563 28683 28823 28104 28124 28154	29563 29683 29823 29104 29124 29154
0.18	4.5 x 12.5 x 12.5		25184	26184	21184	22184	28184	29194
0.22	5.0 x 13.0 x 12.5	0.5	25224	26224	21224	22224	28224	29224
Pitch = $15.24 \pm 0.3 \text{ mm}$ ; $d_1 = 0.8 \pm 0.08/-0.05 \text{ mm}$ ; $A = 2.5 \pm 1.4/-0.5 \text{ mm}$								
0.27 0.33 0.39	5.0 x 14.0 x 17.5	0.6	25274 25334 25394	26274 26334 26394	21274 21334 21394	22274 22334 22394	28274 28334 28394	29274 29334 29394
0.47 0.56	5.5 x 14.5 x 17.5	0.7 0.8	25474 25564	26474 26564	21474 21564	22474 22564	28474 28564	29474 29564
0.68	6.0 x 15.0 x 17.5	1	25684	26684	21684	22684	28684	29684
0.82	6.5 x 15.5 x 17.5	1.1	25824	26824	21824	22824	28824	29824
1.0	7.5 x 16.5 x 17.5	1.3	25105	26105	21105	22105	28105	29105
Pitch = $22.86 \pm 0.3 \text{ mm}$ ; $d_1 = 0.8 \pm 0.08/-0.05 \text{ mm}$ ; $A = 2.5 \pm 1.4/-0.5 \text{ mm}$								
1.2 1.5 1.8	6.0 x 18.0 x 26.0	1.8 2.0 2.3	25125 25155 25185	26125 26155 26185	21125 21155 21185	22125 22155 22185	28125 28155 28185	29125 29155 29185
2.2	6.5 x 19.5 x 26.0	2.8	25225	26225	21225	22225	28225	29225
2.7	7.5 x 20.0 x 26.0	3.2	25275	26275	21275	22275	28275	29275
3.3	8.5 x 21.0 x 26.0	4.0	25335	26335	21335	22335	28335	29335
Pitch = $27.94 \pm 0.3 \text{ mm}$ ; $d_1 = 0.8 \pm 0.08/-0.05 \text{ mm}$ ; $A = 2.5 \pm 1.4/-0.5 \text{ mm}$								
3.9	8.5 x 20.5 x 30.0	4.5	25395	26395	21395	22395	28395	29395
4.7	9.5 x 21.5 x 30.0	5.2	25475	26475	21475	22475	28475	29475
5.6	10.5 x 22.5 x 30.0	6.0	25565	26565	21565	22565	28565	29565
6.8	11.5 x 23.5 x 30.0	6.5	25685	26685	21685	22685	28685	29685

\* H: intape height; for detailed specifications refer to chapter PACKAGING.

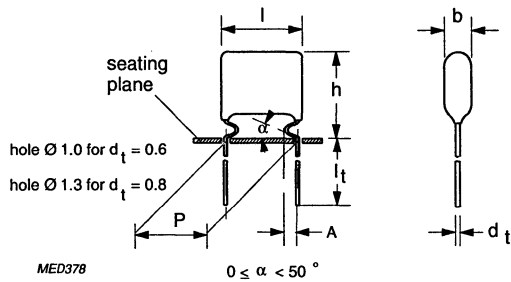
Lead length  $3 \pm 0.4 \text{ mm}$  available with code 2222 368 23... for 10% and 2222 368 27... for 5% version.

**Metallized POLYESTER  
film capacitors**

**MKT 368**



Pitch 10/15/22.5/27.5



**SPECIFIC REFERENCE DATA FOR 250 V DC**

Tangent of loss angle	at 1 kHz	at 10 kHz	at 100 kHz
$C \leq 0.47 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 225 \cdot 10^{-4}$
$0.47 \mu\text{F} < C \leq 1.0 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 300 \cdot 10^{-4}$
$C > 1.0 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 150 \cdot 10^{-4}$	-
Rated voltage pulse slope $(dU/dt)_R$	P = 10.0 mm; 70 V/ $\mu\text{s}$ P = 15.0 mm; 28 V/ $\mu\text{s}$ P = 22.5 mm; 12 V/ $\mu\text{s}$ P = 27.5 mm; 10 V/ $\mu\text{s}$		
R between terminations, for $C \leq 0.33 \mu\text{F}$	>30 000 M $\Omega$		
RC between terminations, for $C > 0.33 \mu\text{F}$	>10 000 s		
R between interconnected terminations and case (foil method)	>30 000 M $\Omega$		

SMALLEST PACKING QUANTITIES (SPQ)	loose in box		taped on reel
	$l_t = 4 \text{ mm}$	$l_t = 19 \text{ mm}$	H = 16 mm
DIMENSIONS	SPQ	SPQ	SPQ
4.0 x 12.0 x 12.5	2000	1000	1500
4.5 x 12.5 x 12.5	2000	1000	1300
5.0 x 13.0 x 12.5	2000	1000	1200
5.0 x 14.0 x 17.5	2000	1000	1200
5.5 x 14.5 x 17.5	2000	1000	1100
6.0 x 15.0 x 17.5	2000	1000	1000
6.5 x 15.5 x 17.5	2000	1000	900
7.0 x 16.0 x 17.5	2000	1000	800
5.0 x 17.0 x 26.0	1000	1000	800
5.5 x 17.5 x 26.0	1000	1000	750
6.0 x 18.0 x 26.0	1000	1000	650
6.5 x 18.5 x 26.0	1000	1000	600
7.0 x 19.0 x 26.0	1000	1000	550
7.5 x 19.5 x 26.0	1000	500	500
7.5 x 19.5 x 30.0	500	500	500
8.5 x 20.5 x 30.0	500	500	450
9.5 x 21.5 x 30.0	500	500	400
10.5 x 22.5 x 30.0	500	250	350

**Metallized POLYESTER  
film capacitors**
**MKT 368**

 $U_{Rdc} = 250 V$ 
 $U_{Rac} = 160 V$ 
**loose and taped**

Cap. ( $\mu F$ )	$b_{max} \times h_{max} \times l_{max}$ (mm)	mass (g)	CATALOGUE NUMBER 2222 368 .....					
			loose in box				taped on reel	
			$l_1 = 4 \pm 1/-0.5$ mm		$l_1 = 19.0 \pm 4.0$		H = 16.0 mm *	
C-tol $\pm 10\%$		C-tol $\pm 5\%$		C-tol $\pm 10\%$		C-tol $\pm 5\%$		
Pitch = 10.16 $\pm 0.3$ mm; $d_1 = 0.6 +0.06/-0.05$ mm; A = 2.0 $+1/-0.5$ mm								
0.027	4.0 x 12.0 x 12.5	0.4	45273	46273	41273	42273	48273	49273
0.033			45333	46333	41333	42333	48333	49333
0.039			45393	46393	41393	42393	48393	49393
0.047			45473	46473	41473	42473	48473	49473
0.056	4.5 x 12.5 x 12.5	0.4	45563	46563	41563	42563	48563	49563
0.068			45683	46683	41683	42683	48683	49683
0.082	5.0 x 13.0 x 12.5	0.5	45823	46823	41823	42823	48823	49823
0.10			45104	46104	41104	42104	48104	49104
Pitch = 15.24 $\pm 0.3$ mm; $d_1 = 0.8 +0.08/-0.05$ mm; A = 2.5 $+1.4/-0.5$ mm								
0.12	5.0 x 14.0 x 17.5	0.6	45124	46124	41124	42124	48124	49124
0.15		0.7	45154	46154	41154	42154	48154	49154
0.18	5.5 x 14.5 x 17.5	0.8	45184	46184	41184	42184	48184	49184
0.22	6.0 x 15.0 x 17.5	0.9	45224	46224	41224	42224	48224	49224
0.27	6.5 x 15.5 x 17.5	1.1	45274	46274	41274	42274	48274	49274
0.33	7.0 x 16.0 x 17.5	1.3	45334	46334	41334	42334	48334	49334
Pitch = 22.86 $\pm 0.3$ mm; $d_1 = 0.8 +0.08/-0.05$ mm; A = 2.5 $+1.4/-0.5$ mm								
0.39	5.0 x 17.0 x 26.0	1.8	45394	46394	41394	42394	48394	49394
0.47	5.5 x 17.5 x 26.0	2.1	45474	46474	41474	42474	48474	49474
0.56	6.0 x 18.0 x 26.0	2.5	45564	46564	41564	42564	48564	49564
0.68	6.5 x 18.5 x 26.0	2.9	45684	46684	41684	42684	48684	49684
0.82	7.0 x 19.0 x 26.0	3.3	45824	46824	41824	42824	48824	49824
1.0	7.5 x 19.5 x 26.0	3.6	45105	46105	41105	42105	48105	49105
Pitch = 27.94 $\pm 0.3$ mm; $d_1 = 0.8 +0.08/-0.05$ mm; A = 2.5 $+1.4/-0.5$ mm								
1.2	7.5 x 19.5 x 30.0	4.0	45125	46125	41125	42125	48125	49125
1.5	8.5 x 20.5 x 30.0	5.1	45155	46155	41155	42155	48155	49155
1.8	9.5 x 21.5 x 30.0	5.9	45185	46185	41185	42185	48185	49185
2.2	10.5 x 22.5 x 30.0	6.4	45225	46225	41225	42225	48225	49225

\* H: intape height; for detailed specifications refer to chapter PACKAGING.

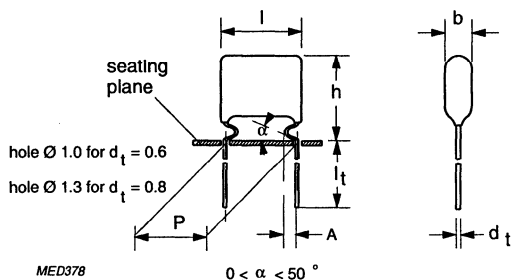
Lead length  $3 \pm 0.4$  mm available with code 2222 368 43... for 10% and 2222 368 47... for 5% version.

**Metallized POLYESTER  
film capacitors**

**MKT 368**



Pitch 10/15/22.5/27.5



**SPECIFIC REFERENCE DATA FOR 400 V DC**

Tangent of loss angle	at 1 kHz	at 10 kHz	at 100 kHz
$C \leq 0.1 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 225 \cdot 10^{-4}$
$0.1 \mu\text{F} < C \leq 0.47 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 300 \cdot 10^{-4}$
$0.47 \mu\text{F} < C \leq 1.0 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	-
Rated voltage pulse slope $(dU/dt)_R$ at $U_{Rdc}$ (see also application note)	P = 10.0 mm; 110 V/ $\mu\text{F}$ P = 15.0 mm; 44 V/ $\mu\text{s}$ P = 22.5 mm; 20 V/ $\mu\text{F}$ P = 27.5 mm; 16 V/ $\mu\text{s}$		
R between terminations, for $C \leq 0.33 \mu\text{F}$	>30 000 M $\Omega$		
RC between terminations, for $C > 0.33 \mu\text{F}$	>10 000 s		

SMALLEST PACKING QUANTITIES (SPQ)	loose in box		taped on reel
	$l_1 = 4.0 \pm 0.5 \text{ mm}$	$l_1 = 19 \pm 4.0 \text{ mm}$	H = 16.0 mm
<b>ALL DIMENSIONS</b>	<b>SPQ</b>	<b>SPQ</b>	<b>SPQ</b>
4.0 x 12.0 x 12.5	2000	1000	1500
4.5 x 12.5 x 12.5	2000	1000	1300
5.0 x 14.0 x 17.5	2000	1000	1200
5.5 x 14.5 x 17.5	2000	1000	1100
6.0 x 15.0 x 17.5	2000	1000	1000
6.5 x 15.5 x 17.5	2000	1000	900
7.0 x 16.0 x 17.5	2000	1000	800
5.5 x 17.5 x 26.0	1000	1000	750
6.0 x 18.0 x 26.0	1000	1000	650
6.5 x 18.5 x 26.0	1000	1000	600
6.5 x 19.5 x 26.0	1000	1000	600
7.5 x 19.5 x 26.0	1000	500	500
7.5 x 19.5 x 30.0	500	500	500
8.5 x 20.5 x 30.0	500	500	450
9.0 x 21.0 x 30.0	500	500	400
10.0 x 22.0 x 30.0	500	250	350



**Metallized POLYESTER  
film capacitors**

MKT 368

 $U_{Rdc} = 400 V$  $U_{Rac} = 220 V$ 

loose and taped

Cap. ( $\mu F$ )	$b_{max} \times h_{max} \times l_{max}$ (mm)	mass (g)	CATALOGUE NUMBER 2222 368 .....					
			loose in box				taped on reel	
			$l_1 = 4 \pm 1/-0.5 \text{ mm}$		$l_1 = 19 \pm 4.0 \text{ mm}$		$H = 16.0 \text{ mm}^*$	
C-tol $\pm 10\%$		C-tol $\pm 5\%$		C-tol $\pm 10\%$		C-tol $\pm 5\%$		
Pitch = 10.16 $\pm 0.3$ mm; $d_1 = 0.6 \pm 0.06/-0.05$ mm; $A = 2.0 \pm 1/-0.5$ mm								
0.001	4.0 x 12.0 x 12.5	0.4	55102	56102	51102	52102	58102	59102
0.0012			55122	56122	51122	52122	58122	59122
0.0015			55152	56152	51152	52152	58152	59152
0.0018			55182	56182	51182	52182	58182	59182
0.0022			55222	56222	51222	52222	58222	59222
0.0027			55272	56272	51272	52272	58272	59272
0.0033			55332	56332	51332	52332	58332	59332
0.0039			55392	56392	51392	52392	58392	59392
0.0047			55472	56472	51472	52472	58472	59472
0.0056			55562	56562	51562	52562	58562	59562
0.0068			55682	56682	51682	52682	58682	59682
0.0082			55822	56822	51822	52822	58822	59822
0.010			55103	56103	51103	52103	58103	59103
0.012			55123	56123	51123	52123	58123	59123
0.015			55153	56153	51153	52153	58153	59153
0.018			55183	56183	51183	52183	58183	59183
0.022			55223	56223	51223	52223	58223	59223
0.027	4.5 x 12.5 x 12.5	0.4	55273	56273	51273	52273	58273	59273
0.033			55333	56333	51333	52333	58333	59333
Pitch = 15.24 $\pm 0.3$ mm; $d_1 = 0.8 \pm 0.08/-0.05$ mm; $A = 2.5 \pm 1.4/-0.5$ mm								
0.039	4.5 x 13.5 x 17.5	0.6	55393	56393	51393	52393	58393	59393
0.047			55473	56473	51473	52473	58473	59473
0.056		0.7	55563	56563	51563	52563	58563	59563
0.068			55683	56683	51683	52683	58683	59683
0.082	5.0 x 14.0 x 17.5	0.8	55823	56823	51823	52823	58823	59823
0.10	5.5 x 14.5 x 17.5	0.9	55104	56104	51104	52104	58104	59104
0.12	6.0 x 15.0 x 17.5	1.1	55124	56124	51124	52124	58124	59124
0.15	6.5 x 15.5 x 17.5	1.3	55154	56154	51154	52154	58154	59154
Pitch = 22.86 $\pm 0.3$ mm; $d_1 = 0.8 \pm 0.08/-0.05$ mm; $A = 2.5 \pm 1.4/-0.5$ mm								
0.18	5.5 x 17.5 x 26.0	1.6	55184	56184	51184	52184	58184	59184
0.22	6.0 x 18.0 x 26.0	1.9	55224	56224	51224	52224	58224	59224
0.27		2.3	55274	56274	51274	52274	58274	59274
0.33		2.6	55334	56334	51334	52334	58334	59334
0.39	6.5 x 18.5 x 26.0	3.0	55394	56394	51394	52394	58394	59394
0.47	7.5 x 19.5 x 26.0	3.4	55474	56474	51474	52474	58474	59474
Pitch = 27.94 $\pm 0.3$ mm; $d_1 = 0.8 \pm 0.08/-0.05$ mm; $A = 2.5 \pm 1.4/-0.5$ mm								
0.56	7.5 x 19.5 x 30.0	3.5	55564	56564	51564	52564	58564	59564
0.68	8.5 x 20.5 x 30.0	4.0	55684	56684	51684	52684	58684	59684
0.82	9.0 x 21.0 x 30.0	4.5	55824	56824	51824	52824	58824	59824
1	10.0 x 22.0 x 30.0	5.0	55105	56105	51105	52105	58105	59105

\* H: intape height; for detailed specifications refer to chapter PACKAGING.

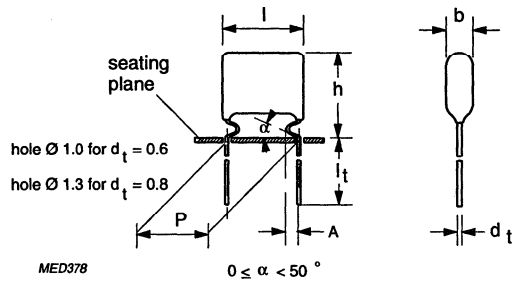
Lead length  $3 \pm 0.4$  mm available with code 2222 368 53... for 10% and 2222 368 57... for 5% version

**Metalized POLYESTER  
film capacitors**

**MKT 368**



Pitch 10/15/22.5/27.5



**SPECIFIC REFERENCE DATA FOR 630 V DC**

Tangent of loss angle	at 1 kHz	at 10 kHz	at 100 kHz
$C \leq 0.1 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 250 \cdot 10^{-4}$
$0.1 \mu\text{F} < C \leq 0.47 \mu\text{F}$	$\leq 75 \cdot 10^{-4}$	$\leq 130 \cdot 10^{-4}$	$\leq 300 \cdot 10^{-4}$
Rated voltage pulse slope $(dU/dt)_R$ at $U_{Rdc}$	$P = 10.0 \text{ mm}; 70 \text{ V}/\mu\text{s}$ $P = 15.0 \text{ mm}; 70 \text{ V}/\mu\text{s}$ $P = 22.5 \text{ mm}; 28 \text{ V}/\mu\text{s}$ $P = 27.5 \text{ mm}; 24 \text{ V}/\mu\text{s}$		
R between terminations, for $C \leq 0.33 \mu\text{F}$	>30 000 MΩ		
RC between terminations, for $C > 0.33 \mu\text{F}$	>10 000 s		
R between interconnected terminations and case (foil method)	>30 000 MΩ		

SMALLEST PACKING QUANTITIES (SPQ)	loose in box		taped on reel
	SPQ		
	$l_t = 4 \text{ mm}$	$l_t = 19 \text{ mm}$	$H = 16 \text{ mm}$
4.5 x 12.5 x 12.5	2000	1000	1300
5.0 x 13.0 x 12.5	2000	1000	1200
5.5 x 13.5 x 12.5	2000	1000	1100
6.0 x 14.0 x 12.5	2000	1000	1000
6.5 x 14.5 x 12.5	2000	1000	900
5.5 x 14.5 x 17.5	2000	1000	1100
6.0 x 15.0 x 17.5	2000	1000	1000
6.5 x 15.5 x 17.5	2000	1000	900
7.0 x 16.0 x 17.5	2000	1000	800
7.5 x 16.5 x 17.5	2000	1000	800
8.0 x 17.0 x 17.5	2000	1000	750
5.5 x 17.5 x 26.0	1000	1000	750
6.0 x 18.0 x 26.0	1000	1000	650
7.0 x 19.0 x 26.0	1000	1000	550
7.5 x 19.5 x 26.0	1000	500	500
8.5 x 20.5 x 26.0	1000	500	450
9.5 x 21.5 x 26.0	1000	500	400
9.0 x 21.0 x 30.0	500	500	450
10.0 x 22.0 x 30.0	500	250	400
11.0 x 23.0 x 30.0	500	250	350
12.0 x 24.0 x 30.0	250	250	350

**Metallized POLYESTER  
film capacitors**
**MKT 368**

 $U_{Rdc} = 630 \text{ V}$ 
 $U_{Rac} = 220 \text{ V}$ 
**loose and taped**

Cap. ( $\mu\text{F}$ )	$b_{\max} \times h_{\max} \times l_{\max}$ (mm)	mass (g)	CATALOGUE NUMBER 2222 368 ....					
			loose in box				taped on reel	
			$l_t = 4 \pm 1/-0.5 \text{ mm}$		$l_t = 19 \pm 4.0$		$H = 16.0 \text{ mm}^*$	
			C-tol $\pm 10\%$	C-tol $\pm 5\%$	C-tol $\pm 10\%$	C-tol $\pm 5\%$	C-tol $\pm 10\%$	C-tol $\pm 5\%$
Pitch = 10.16 $\pm$ 0.3 mm; $d_t = 0.6 \pm 0.06/-0.05 \text{ mm}$ ; $A = 2.0 \pm 1/-0.5 \text{ mm}$								
0.01	4.5 x 12.5 x 12.5	0.4	65103	66103	61103	62103	68103	69103
0.012	5.0 x 13.0 x 12.5	0.5	65123	66123	61123	62123	68123	69123
0.015	5.5 x 13.5 x 12.5		65153	66153	61153	62153	68153	69153
0.018	6.0 x 14.0 x 12.5	0.6	65183	66183	61183	62183	68183	69183
0.022	6.5 x 14.5 x 12.5	0.7	65223	66223	61223	62223	68223	69223
Pitch = 15.24 $\pm$ 0.3 mm; $d_t = 0.8 \pm 0.08/-0.05 \text{ mm}$ ; $A = 2.5 \pm 1.4/-0.5 \text{ mm}$								
0.027	5.5 x 14.5 x 17.5	0.9	65273	66273	61273	62273	68273	69273
0.033	6.0 x 15.0 x 17.5	1.0	65333	66333	61333	62333	68333	69333
0.039	6.5 x 15.5 x 17.5	1.1	65393	66393	61393	62393	68393	69393
0.047	7.0 x 16.0 x 17.5	1.2	65473	66473	61473	62473	68473	69473
0.056	7.5 x 16.5 x 17.5	1.3	65563	66563	61563	62563	68563	69563
0.068	8.0 x 17.0 x 17.5	1.4	65683	66683	61683	62683	68683	69683
Pitch = 22.86 $\pm$ 0.3 mm; $d_t = 0.8 \pm 0.08/-0.05 \text{ mm}$ ; $A = 2.5 \pm 1.4/-0.5 \text{ mm}$								
0.082	5.5 x 17.5 x 26.0	1.8	65823	66823	61823	62823	68823	69823
0.1	6.0 x 18.0 x 26.0	2.1	65104	66104	61104	62104	68104	69104
0.12	7.0 x 19.0 x 26.0	2.5	65124	66124	61124	62124	68124	69124
0.15	7.5 x 19.5 x 26.0	2.9	65154	66154	61154	62154	68154	69154
0.18	8.5 x 20.5 x 26.0	3.2	65184	66184	61184	62184	68184	69184
0.22	9.5 x 21.5 x 26.0	3.5	65224	66224	61224	62224	68224	69224
Pitch = 27.94 $\pm$ 0.3 mm; $d_t = 0.8 \pm 0.08/-0.05 \text{ mm}$ ; $A = 2.5 \pm 1.4/-0.05 \text{ mm}$								
0.27	9.0 x 21.0 x 30.0	4.3	65274	66274	61274	62274	68274	69274
0.33	10.0 x 22.0 x 30.0	5.0	65334	66334	61334	62334	68334	69334
0.39	11.0 x 23.0 x 30.0	5.6	65394	66394	61394	62394	68394	69394
0.47	12.0 x 24.0 x 30.0	6.5	65474	66474	61474	62474	68474	69474

\* H: intape height; for detailed specifications refer to chapter PACKAGING.

Lead length  $3 \pm 4.0 \text{ mm}$  available with code 2222 368 63... for 10% and 2222 368 67... for 5% version.