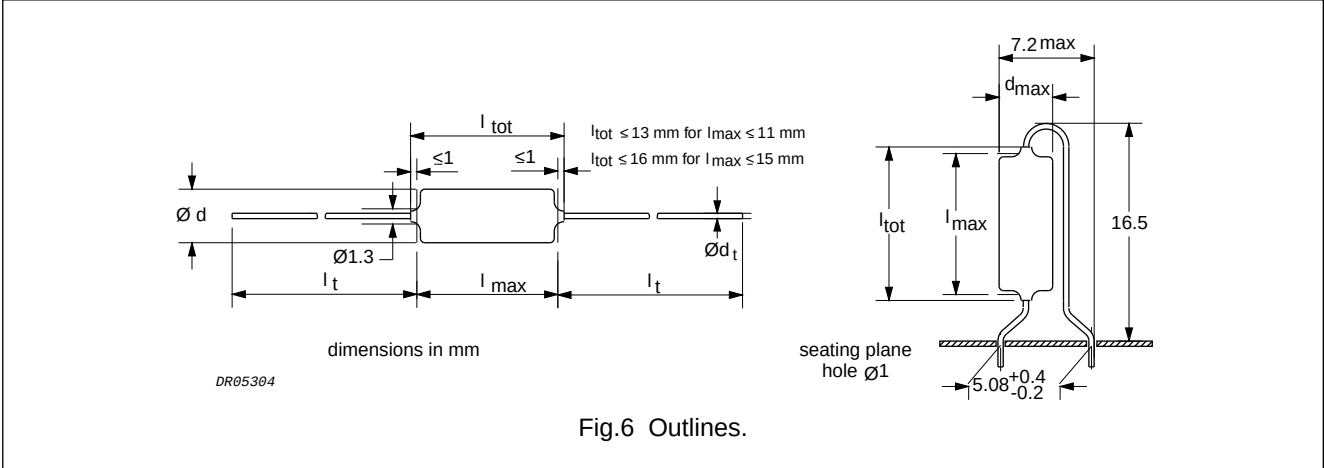


Polypropylene film foil capacitors

KP 464

KP 464 GENERAL DATA



Specific reference data for the 630 V DC capacitors

DESCRIPTION	VALUE		
	at 1 kHz	at 100 kHz	at 1 MHz ⁽¹⁾
Tangent of loss angle: C ≤ 1000 pF 1 000 pF < C ≤ 5000 pF	≤5 × 10 ⁻⁴ ≤5 × 10 ⁻⁴	— ≤10 × 10 ⁻⁴	≤10 × 10 ⁻⁴ —
R between leads	>100 000 MΩ		
R between interconnected leads and case	>100 000 MΩ		

Note

1. For unidirectional capacitors ≤13 × 10⁻⁴.

Available 630 V DC versions

PACKAGING	C-tol	FIRST 8 DIGITS OF CATALOGUE NUMBER	ORDERING
Taped on reel; note 1	±1%	2222 464 8....	preferred
	±2%	2222 464 7....	preferred
	±5%	2222 464 6....	on request
Loose in box	±1%	2222 464 4....	on request
	±2%	2222 464 3....	on request
	±5%	2222 464 2....	on request
Unidirectional; note 1	±1%	2222 464 1....	on request
	±2%	2222 464 0....	on request

Available on request

PACKAGING	TAPE DISTANCE (mm)
Taped in ammopack	52.5; note 1

Note

1. For detailed specifications refer to this handbook, Chapter “Packaging”.

Polypropylene film foil capacitors

KP 460 to 464

 $U_{Rdc} = 630 \text{ V}$; $U_{Rac} = 200 \text{ V}$

loose, taped and unidirectional

C ⁽¹⁾ (E 24) (pF)	DIMENSIONS d _{max} × l _{max} (mm)	MASS (g)	CATALOGUE NUMBER 2222 464x AND PACKAGING						
			TAPED ON REEL		LOOSE IN BOX	UNIDIRECTIONAL			
			TAPE DISTANCE 63.5 mm			SPQ	SPQ	C-tol = ±2%	C-tol = ±1%
			last 5 digits of catalogue number ⁽²⁾						
			C-tol = ±2%	C-tol = ±1%					
l _t = 30.0 mm; d _t = 0.60 ±0.06 mm									
47	5.0 × 11.0	0.4	74709	84709	2500	250	04709	14709	1000
51		0.4	75109	85109			05109	15109	
56		0.4	75609	85609			05609	15609	
62		0.4	76209	86209			06209	16209	
68		0.4	76809	86809			06809	16809	
75		0.4	77509	87509			07509	17509	
82		0.4	78209	88209			08209	18209	
91		0.4	79109	89109			09109	19109	
100		0.4	71001	81001			01001	11001	
110		0.4	71101	81101			01101	11101	
120		0.4	71201	81201			01201	11201	
130		0.5	71301	81301			01301	11301	
150		0.4	71501	81501			01501	11501	
160		0.4	71601	81601			01601	11601	
180		0.5	71801	81801			01801	11801	
200		0.5	72001	82001			02001	12001	
220		0.6	72201	82201			02201	12201	
240		0.6	72401	82401			02401	12401	
270		0.6	72701	82701			02701	12701	
300		0.7	73001	83001			03001	13001	
330		0.4	73301	83301			03301	13301	
360		0.4	73601	83601			03601	13601	
390		0.5	73901	83901			03901	13901	
430		0.5	74301	84301			04301	14301	
470		0.5	74701	84701			04701	14701	
510		0.5	75101	85101			05101	15101	
560		0.5	75601	85601			05601	15601	

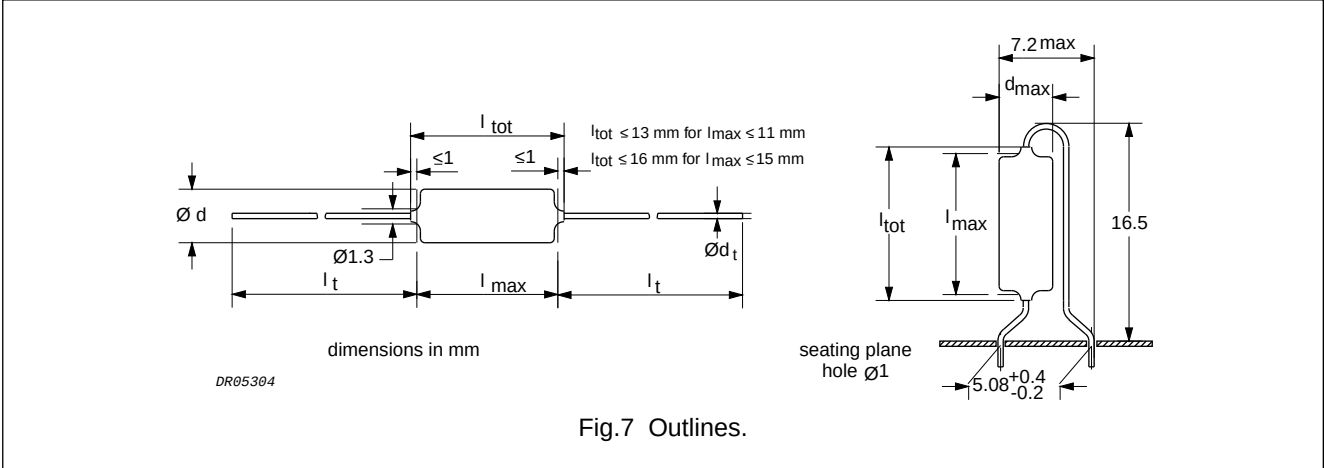
Notes

- In addition to the values of the E24 series as quoted, intermediate values are available of the E48 series (with a tolerance of $\pm 2\%$ or $\pm 1\%$) and the E96 series (with a tolerance of $\pm 1\%$). The specifications of these intermediate values are equal to the specifications of the next higher value of the E24 series.
- The shading indicates preferred types.

Polypropylene film foil capacitors

KP 464

KP 464 GENERAL DATA



Specific reference data for the 630 V DC capacitors

DESCRIPTION	VALUE		
	at 1 kHz	at 100 kHz	at 1 MHz ⁽¹⁾
Tangent of loss angle: C ≤ 1000 pF 1 000 pF < C ≤ 5000 pF	≤5 × 10 ⁻⁴ ≤5 × 10 ⁻⁴	— ≤10 × 10 ⁻⁴	≤10 × 10 ⁻⁴ —
R between leads	>100 000 MΩ		
R between interconnected leads and case	>100 000 MΩ		

Note

1. For unidirectional capacitors ≤13 × 10⁻⁴.

Available 630 V DC versions

PACKAGING	C-tol	FIRST 8 DIGITS OF CATALOGUE NUMBER	ORDERING
Taped on reel; note 1	±1%	2222 464 8....	preferred
	±2%	2222 464 7....	preferred
	±5%	2222 464 6....	on request
Loose in box	±1%	2222 464 4....	on request
	±2%	2222 464 3....	on request
	±5%	2222 464 2....	on request
Unidirectional; note 1	±1%	2222 464 1....	on request
	±2%	2222 464 0....	on request

Available on request

PACKAGING	TAPE DISTANCE (mm)
Taped in ammpack	52.5; note 1

Note

1. For detailed specifications refer to this handbook, Chapter “Packaging”.

Polypropylene film foil capacitors

KP 460 to 464

 $U_{Rdc} = 630 \text{ V}$; $U_{Rac} = 200 \text{ V}$

loose, taped and unidirectional

C ⁽¹⁾ (E 24) (pF)	DIMENSIONS d _{max} × l _{max} (mm)	MASS (g)	CATALOGUE NUMBER 2222 464 AND PACKAGING						
			TAPED ON REEL		LOOSE IN BOX	UNIDIRECTIONAL			
			TAPE DISTANCE 63.5 mm						
			last 5 digits of catalogue number ⁽²⁾		SPQ	SPQ	C-tol = ±2%	C-tol = ±1%	SPQ
			C-tol = ±2%	C-tol = ±1%					
l _t = 28.0 mm; d _t = 0.60 ±0.06 mm									
620	5.5 × 15.0	0.5	76201	86201	1500	250	–	–	–
680		0.5	76801	86801					
750		0.5	77501	87501					
820		0.6	78201	88201					
910		0.6	79101	89101					
1000		0.6	71002	81002					
1100		0.7	71102	81102					
1200		0.7	71202	81202					
1300	6.0 × 15.0	0.7	71302	81302	1500	250	–	–	–
1500		0.8	71502	81502					
1600		0.8	71602	81602					
1800		0.9	71802	81802					
2000	6.5 × 15.0	0.9	72002	82002	1000	200	–	–	–
2200		1.0	72202	82202					
2400		1.0	72402	82402					
2700	7.0 × 15.0	1.1	72702	82702	1000	150	–	–	–
3000		1.2	73002	83002					
3300	7.5 × 15.0	1.3	73302	83302	1000	150	–	–	–
3600		1.3	73602	83602					
3900		1.4	73902	83902					
4300	8.0 × 15.0	1.5	74302	84302	1000	150	–	–	–
4700		1.5	74702	84702					

Notes

- In addition to the values of the E24 series as quoted, intermediate values are available of the E48 series (with a tolerance of $\pm 2\%$ or $\pm 1\%$) and the E96 series (with a tolerance of $\pm 1\%$). The specifications of these intermediate values are equal to the specifications of the next higher value of the E24 series.
- The shading indicates preferred types.