

1. packing dimensions

- box dimensions 310 x 210 x 135 mm, outside; box = packing unit
- reel dimensions, roller belt \varnothing inside 30 mm, \varnothing outside 350 mm (for \varnothing 8,7 and 10,0 mm)
 \varnothing inside 25 mm, \varnothing outside 500 mm (for \varnothing 12,5 and 16,5 and 18,0 mm)
- box dimensions, roller belt 355 x 353 x 116 mm (for \varnothing 350 mm)
- box dimensions, ammo pack 325 x 210 x 50 mm outside (for \varnothing 5,5 x 12,0 to \varnothing 10,0 x 16,5)
324 x 366 x 49 mm outside (for \varnothing 10,0 x 12,0/12,7; H = 18,0 mm)
343 x 271 x 55 mm outside (from \varnothing 10,0 x 21,0; H = 18,0 mm)
- reel dimensions, SMD \varnothing inside 13 mm, \varnothing outside 330 mm
- reel dimensions, Pseudo-SMD \varnothing inside 56 mm, \varnothing outside 560 mm (for 32/44 mm blister)
 \varnothing inside 25 mm, \varnothing outside 500 mm (for 56 mm blister)
- reel dimensions, curved leads \varnothing inside 56 mm, \varnothing outside 560 mm (for 32 mm blister)
- box dimensions, large size type 400 x 200 x 150 mm outside

2. minimum order quantities per delivery and packing units for radial capacitors

Deviations from the minimum order quantity per delivery are available on request.

2.1. long leads

capacitor			nominal dimensions coded according to assortment overview	long leads			minimum order quantities per delivery
nominal dimensions $D_N \times L_N$ Frolyt-internal	nominal dimensions $D_N \times L_N$ external	lead spacing		pcs/ bag	bags/ box	pcs/ packing unit	
5,5 x 12,0	5,0 x 11,0	2,0	AR	1 000	5	5 000	5 000
6,8 x 12,0/12,5	6,3 x 11,0	2,5	BR/BB	1 000	5	5 000	5 000
8,7 x 12,0/12,7	8,7 x 12,7	5,0	CC	1 000	3	3 000	3 000
10,0 x 12,0/12,7	10,0 x 12,0	5,0	DR/DC	500	6	3 000	3 000
10,0 x 16,5	10,0 x 16,0	5,0	DD	500	5	2 500	2 500
10,0 x 21,0	10,0 x 20,0	5,0	DE	500	4	2 000	2 000
12,5 x 21,0	12,5 x 20,0	5,0	FE	200	6	1 200	2 400
12,5 x 25,0	12,5 x 24,0	5,0	FG	200	5	1 000	2 000
12,5 x 30,0	12,5 x 29,0	5,0	FJ	200	4	800	2 400
16,5 x 22,0	16,0 x 20,0	7,5	JF	200	3	600	1 800
16,5 x 26,0	16,0 x 25,0	7,5	JH	200	3	600	1 800
16,5 x 30,0	16,0 x 29,0	7,5	JJ	100	5	500	1 500
16,5 x 36,5	16,0 x 35,5	7,5	JL	100	4	400	1 600
18,0 x 21,0	18,0 x 20,0	7,5	HE	100	5	500	1 500
18,0 x 26,0	18,0 x 25,0	7,5	HH	100	5	500	1 500
18,0 x 30,0	18,0 x 29,0	7,5	HJ	100	4	400	1 600
18,0 x 36,5	18,0 x 35,5	7,5	HL	100	3	300	1 500

2.2. protection against polarity reversion (PAPR leads)

capacitor			nominal dimensions coded according to assortment overview	PAPR leads			minimum order quantities per delivery
nominal dimensions $D_N \times L_N$ Frolyt-internal	nominal dimensions $D_N \times L_N$ external	lead spacing		pcs/ bag	bags/ box	pcs/ packing unit	
5,5 x 12,0	5,0 x 11,0	2,0	AR	1 000	8	8 000	8 000
6,8 x 12,0/12,5	6,3 x 11,0	2,5	BR/BB	1 000	8	8 000	8 000
8,7 x 12,0/12,7	8,7 x 12,7	5,0	CC	1 000	4	4 000	4 000
10,0 x 12,0/12,7	10,0 x 12,0	5,0	DR/DC	500	6	3 000	3 000
10,0 x 16,5	10,0 x 16,0	5,0	DD	500	5	2 500	2 500

capacitor			nominal dimensions coded according to assortment overview	PAPR leads			minimum order quantities per delivery
nominal dimensions D _N x L _N Frolyt-internal	nominal dimensions D _N x L _N external	lead spacing		pcs/ bag	bags/ box	pcs/ packing unit	
10,0 x 21,0	10,0 x 20,0	5,0	DE	500	4	2 000	2 000
12,5 x 21,0	12,5 x 20,0	5,0	FE	200	6	1 200	2 400
12,5 x 25,0	12,5 x 24,0	5,0	FG	200	6	1 200	2 400
12,5 x 30,0	12,5 x 29,0	5,0	FJ	200	4	800	2 400
16,5 x 22,0	16,0 x 20,0	7,5	JF	200	3	600	1 800
16,5 x 26,0	16,0 x 25,0	7,5	JH	200	3	600	1 800
16,5 x 30,0	16,0 x 29,0	7,5	JJ	100	5	500	1 500
16,5 x 36,5	16,0 x 35,5	7,5	JL	100	4	400	1 600
18,0 x 21,0	18,0 x 20,0	7,5	HE	100	5	500	1 500
18,0 x 26,0	18,0 x 25,0	7,5	HH	100	5	500	1 500
18,0 x 30,0	18,0 x 29,0	7,5	HJ	100	4	400	1 600
18,0 x 36,5	18,0 x 35,5	7,5	HL	100	3	300	1 500

PAPR leads: standard at the positive pole (for lead length from 2,7 to 3,2 mm),
at negative pole or other lead lengths on request

2.3. cut leads

capacitor			nominal dimensions coded according to assortment overview	cut leads			minimum order quantities per delivery
nominal dimensions D _N x L _N Frolyt-internal	nominal dimensions D _N x L _N external	lead spacing		pcs/ bag	bags/ box	pcs/ packing unit	
5,5 x 12,0	5,0 x 11,0	2,0	AR	1 000	8	8 000	8 000
6,8 x 12,0/12,5	6,3 x 11,0	2,5	BR/BB	1 000	8	8 000	8 000
8,7 x 12,0/12,7	8,7 x 12,7	5,0	CC	1 000	4	4 000	4 000
10,0 x 12,0/12,7	10,0 x 12,0	5,0	DR/DC	500	6	3 000	3 000
10,0 x 16,5	10,0 x 16,0	5,0	DD	500	5	2 500	2 500
10,0 x 21,0	10,0 x 20,0	5,0	DE	500	4	2 000	2 000
12,5 x 21,0	12,5 x 20,0	5,0	FE	200	6	1 200	2 400
12,5 x 25,0	12,5 x 24,0	5,0	FG	200	6	1 200	2 400
12,5 x 30,0	12,5 x 29,0	5,0	FJ	200	4	800	2 400
16,5 x 22,0	16,0 x 20,0	7,5	JF	200	3	600	1 800
16,5 x 26,0	16,0 x 25,0	7,5	JH	200	3	600	1 800
16,5 x 30,0	16,0 x 29,0	7,5	JJ	100	5	500	1 500
16,5 x 36,5	16,0 x 35,5	7,5	JL	100	4	400	1 600
18,0 x 21,0	18,0 x 20,0	7,5	HE	100	5	500	1 500
18,0 x 26,0	18,0 x 25,0	7,5	HH	100	5	500	1 500
18,0 x 30,0	18,0 x 29,0	7,5	HJ	100	4	400	1 600
18,0 x 36,5	18,0 x 35,5	7,5	HL	100	3	300	1 500

Standard cutting length: - 4,5 mm (+0,5/-0,5)
 further available cutting lengths:
 (other cutting lengths on request) - 3,2 mm (+0,3/-0,2)
 - 3,5 mm (+0,3/-0,3)
 - 5,0 mm (+0/-0,5)

2.4. roller belt

capacitor			nominal dimensions coded according to assortment overview	roller belt		pcs/ packing unit	minimum order quantities per delivery
nominal dimensions $D_N \times L_N$ Frolyt-internal	nominal dimensions $D_N \times L_N$ external	lead spacing		belt height/ lead spacing			
8,7 x 12,0/12,7	8,7 x 12,7	5,0	CC	-	H=18,0/5,0	2 x 700	4 200
10,0 x 12,0/12,7	10,0 x 12,0	5,0	DR/DC	H=16,0/5,0	H=18,0/5,0	2 x 500	3 000
10,0 x 16,5	10,0 x 16,0	5,0	DD	H=16,0/5,0	H=18,0/5,0	2 x 500	3 000
10,0 x 21,0	10,0 x 20,0	5,0	DE	H=16,0/5,0	H=18,0/5,0	2 x 500	3 000
12,5 x 21,0	12,5 x 20,0	5,0	FE	H=16,0/5,0	H=18,0/5,0	500	3 000
12,5 x 25,0	12,5 x 24,0	5,0	FG	H=16,0/5,0	H=18,0/5,0	500	2 500
12,5 x 30,0	12,5 x 29,0	5,0	FJ	H=16,0/5,0	H=18,0/5,0	500	2 500
16,5 x 22,0	16,0 x 20,0	7,5	JF	-	H=18,0/7,5	380	1 900
16,5 x 26,0	16,0 x 24,0	7,5	JH	-	H=18,0/7,5	380	1 900
16,5 x 30,0	16,0 x 29,0	7,5	JJ	-	H=18,0/7,5	380	1 900
16,5 x 36,5	16,0 x 35,5	7,5	JL	-	H=18,0/7,5	380	1 900
18,0 x 21,0	18,0 x 20,0	7,5	HE	-	H=18,0/7,5	320	1 600
18,0 x 26,0	18,0 x 25,0	7,5	HH	-	H=18,0/7,5	320	1 600
18,0 x 30,0	18,0 x 29,0	7,5	HJ	-	H=18,0/7,5	320	1 600
18,0 x 36,5	18,0 x 35,5	7,5	HL	-	H=18,0/7,5	320	1 600

2.5. ammo pack

capacitor			nominal dimensions coded according to assortment overview	ammo pack		pcs/ packing unit	minimum order quantities per delivery
nominal dimensions $D_N \times L_N$ Frolyt-internal	nominal dimensions $D_N \times L_N$ external	lead spacing		belt height/ lead spacing			
5,5 x 12,0	5,0 x 11,0	2,0	AR	$H_0=16,0/5,0$	H=18,0/2,5	1 800	7 200
6,8 x 12,0/12,5	6,3 x 11,0	2,5	BR/BB	$H_0=16,0/5,0$	H=18,0/2,5	1 400	7 000
8,7 x 12,0/12,7	8,7 x 12,7	5,0	CC	-	H=18,0/5,0	700	4 200
10,0 x 12,0/12,7	10,0 x 12,0	5,0	DR/DC	H=16,0/5,0	H=18,0/5,0	500	3 000
10,0 x 12,0/12,7	10,0 x 12,0	5,0	DR/DC	-	H=18,0/5,0	1 000	3 000
10,0 x 16,5	10,0 x 16,0	5,0	DD	H=16,0/5,0	H=18,0/5,0	500	3 000
10,0 x 21,0	10,0 x 20,0	5,0	DE	H=16,0/5,0	-	500	3 000
10,0 x 21,0	10,0 x 20,0	5,0	DE	-	H=18,0/5,0	700	3 500
12,5 x 21,0	12,5 x 20,0	5,0	FE	H=16,0/5,0	H=18,0/5,0	500	3 000
12,5 x 25,0	12,5 x 24,0	5,0	FG	H=16,0/5,0	-	500	3 000

H = height from tape center to case bottom

H_0 = height from tape center to lead bending

3. SMD capacitors (surface mount device) in blister strap

capacitor		nominal dimensions coded according to assortment overview	carrier tape	minimum order quantities per delivery
nominal dimensions A/B x L ($D_N \times L_N$) Frolyt-internal	nominal dimensions A/B x L ($D_N \times L_N$) external			
8,9 x 10,0	8,9 x 10,0	PS	300	5 400
8,9 x 12,0	8,9 x 12,0	PR	300	5 400
10,2 x 10,0	10,2 x 10,0	RS	300	5 400
10,2 x 12,0	10,2 x 12,0	RR	300	5 400
10,2 x 12,5	10,2 x 12,5	RB	300	5 400
10,2 x 16,5	10,2 x 16,5	RD	220	3 960

4. Pseudo-SMD-capacitors (surface mount device) and curved leads in blister strap

capacitor		nominal dimensions coded according to assortment overview	carrier tape	minimum order quantities per delivery
nominal dimensions A/B x L (D _N x L _N) Frolyt-internal	nominal dimensions A/B x L (D _N x L _N) external		pcs/ packing unit	
10,0 x 12,0	10,0 x 12,0	DR	900	5 400
10,0 x 12,5	10,0 x 12,5	DB	900	5 400
10,0 x 16,5	10,0 x 16,0	DD	900	5 400
10,0 x 21,0	10,0 x 20,0	DE	790	3 160
12,5 x 21,0	12,5 x 20,0	FE	790	3 160
12,5 x 25,0	12,5 x 24,0	FG	790	3 160
12,5 x 30,0	12,5 x 29,0	FJ	790	3 160
16,5 x 22,0	16,0 x 20,0	JF	320	1 920
16,5 x 25,0	16,0 x 24,0	JH	320	1 920
16,5 x 30,0	16,0 x 29,0	JJ	320	1 920
16,5 x 36,5	16,0 x 35,5	JL	320	1 920
18,0 x 21,0	18,0 x 20,0	HE	320	1 920
18,0 x 26,0	18,0 x 25,0	HH	320	1 920
18,0 x 30,0	18,0 x 29,0	HJ	320	1 920
18,0 x 36,5	18,0 x 35,5	HL	320	1 920

5. large size type electrolytic capacitors (screw mount terminal type)

capacitor		nominal dimensions coded according to assortment overview	pcs/box		minimum order quantities per delivery
nominal dimensions D _N x L _N Frolyt-internal	nominal dimensions D _N x L _N external		clamp mount	screw mount	
36 x 58	36 x 58	AA	50	50	50
36 x 83	36 x 83	AB	50	50	50
36 x 103	36 x 103	AC	50	50	50
36 x 123	36 x 123	AD	50	50	50
51 x 83	51 x 83	BB	20	20	40
51 x 103	51 x 103	BC	20	20	40
51 x 123	51 x 123	BD	20	20	40
66 x 103	66 x 103	CC	10	10	20
66 x 123	66 x 123	CD	10	10	20

6. axial lead capacitors, long leads

capacitor		nominal dimensions coded according to assortment overview	long leads, loose in a box	minimum order quantities per delivery
nominal dimensions D _N x L _N Frolyt-internal	nominal dimensions D _N x L _N external		pcs/box	
9,0 x 16,5	8,5 x 16,0	LD	2 000	4 000
9,0 x 20,5	8,5 x 20,0	LS	1 800	3 600
14,0 x 25,5	14,0 x 25,5	NQ	600	1 800
14,0 x 30,5	14,0 x 30,5	NU	600	1 800

7. special forms:

The shape of the connecting leads, the type of packing and the quantities of packing are determined in consultation with the customer.