



PRODUCT CODE • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

THT type example:

GH series • 330μF • 80V • ±20% • Ø 13mm • H 20mm • P 5mm • Tape Ammo • AEC-Q200

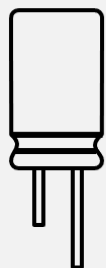
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
G H		3 3 1			M	0 8 0			I	2 0 0			E	T A		X - - -			
Series		Capacitance			Capacitance tolerance	Voltage			Case Ø (mm)	Height (mm)			Type code	Taping / lead treatment *		Special requirement			
Code	µF	Code	%	Code		Volt	Code	ØD		Code	H	Code		Type	Code	Special			
OR1	0.1	H	±5	004	4	B	4	050	5	A	Without lead treatment	X	AEC-Q200						
R47	0.47	K	±10	6R3	6.3	C	5	070	7	E	With lead treatment								
010	1	S	±15	010	10	E	6.3	090	9										
4R7	4.7	M	±20	016	16	F	8	110	11										
100	10	N	±30	025	25	G	10	115	11.5										
220	22	D	±40	035	35	H	12	125	12.5										
101	100	I	+5 to +20	050	50	Z	12.5	130	13										
561	560	B	0 to -20	063	63	I	13	140	14										
102	1000	G	0 to +10	080	80	J	16	150	15										
472	4700	Z	0 to +20	100	100	K	18	160	16										
103	10000	Y	0 to +30	160	160	L	20	200	20										
333	33000	X	0 to +40	200	200	M	22	250	25										
		A	0 to +50	220	220			300	30										
		J	-5 to +20	250	250			315	31.5										
		C	-5 to +30	350	350			350	35										
		E	-8 to +5	400	400			355	35.5										
		V	-10 to +20	420	420			400	40										
		Q	-10 to +30	450	450			450	45										
		T	-10 to +50	500	500			500	50										
		W	-20 to +10					550	55										
		P	-15 to +20					600	60										
		L	-25 to +20																
		U	-30 to 0																
		F	-35 to 0																
		O	-50 to 0																

See datasheet for reference

* See chapter taping or lead treatment for further information
Please consult CapXon for further assistance

MARKING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Aluminum Electrolytic Capacitor • Radial type



CapXon: Manufacturer trademark
330μF: Nominal capacitance
80V: Rated voltage (V) • Standard type
⚡ (-) polarity (Cathode indicate)
GH: Series
105°C: Maximum operating temperature
P1944: Production datecode year/week (ex. 2019/CW44)
X: AEC-Q200 type
VENT: Safety vent

Standard type



AEC-Q200 type



Front side

Back side

TAPING ▪ RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Possible tape versions in AMMO packaging with lead space F and taping ordering code.

All dimensions in mm.

D	Diameter	4	5	6.3	8	10	12.5	13	14.5	16	18	20	22	25	Code
F	Lead space Straight leads	1.5	2	2.5	3.5	5	5	5	7.5	7.5	7.5	10	10	10	
F	Ammo Tape	2	2	-	-	-	-	-	-	-	-	-	-	-	TB
	Ammo Tape	2.5	2.5	2.5	-	-	-	-	-	-	-	-	-	-	TC
	Ammo Tape	-	-	-	3.5	-	-	-	-	-	-	-	-	-	TD
	Ammo Tape	5	5	5	5	5	5	5	-	-	-	-	-	-	TA
	Ammo Tape	-	-	-	-	-	-	-	7.5	7.5	7.5	-	-	-	TE
	Ammo Tape	-	-	-	-	-	-	5	-	-	-	-	-	-	PA
	Ammo Tape	-	-	-	-	-	-	-	7.5	7.5	7.5	-	-	-	PE

Possible tape versions in REEL packaging with lead space F and taping ordering code.

All dimensions in mm.

D	Diameter	4	5	6.3	8	10	12.5	13	14.5	16	18	20	22	25	Code
F	Lead space Straight leads	1.5	2	2.5	3.5	5	5	5	7.5	7.5	7.5	10	10	10	
F	Reel Tape	2	2	-	-	-	-	-	-	-	-	-	-	-	RB
	Reel Tape	2.5	2.5	2.5	-	-	-	-	-	-	-	-	-	-	RC
	Reel Tape	-	-	-	3.5	-	-	-	-	-	-	-	-	-	RD
	Reel Tape	5	5	5	5	5	5	5	-	-	-	-	-	-	RA
	Reel Tape	-	-	-	-	-	-	-	7.5	7.5	7.5	-	-	-	RE
	Reel Tape	-	-	-	-	-	-	5	-	-	-	-	-	-	QA
	Reel Tape	-	-	-	-	-	-	-	7.5	7.5	7.5	-	-	-	QE

Details to the exact tape dimensions can be found in the following drawings on the next pages:

T1 taping ▪ ØD 5mm ▪ standard lead space

T2 taping ▪ ØD 4 and 5mm ▪ wide lead space

T3 taping ▪ ØD 6.3 to 13mm ▪ standard lead space

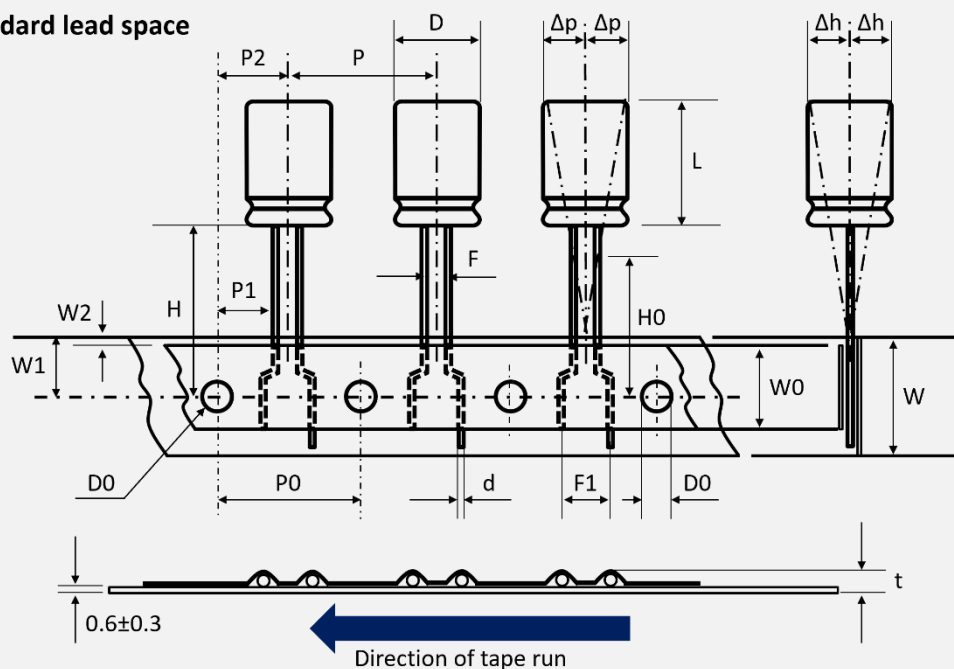
T4 taping ▪ ØD 4 to 8mm ▪ lead space F = 5mm

T5 taping ▪ ØD ≥ 12.5mm ▪ wide component space

T6 taping ▪ ØD ≥ 14.5mm ▪ standard component space

TAPING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

T1 taping • ØD 5mm • standard lead space



Example

F	H	3 3 0	M	0 3 5	C	1 1 0	E	T B	- - - -
Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement	

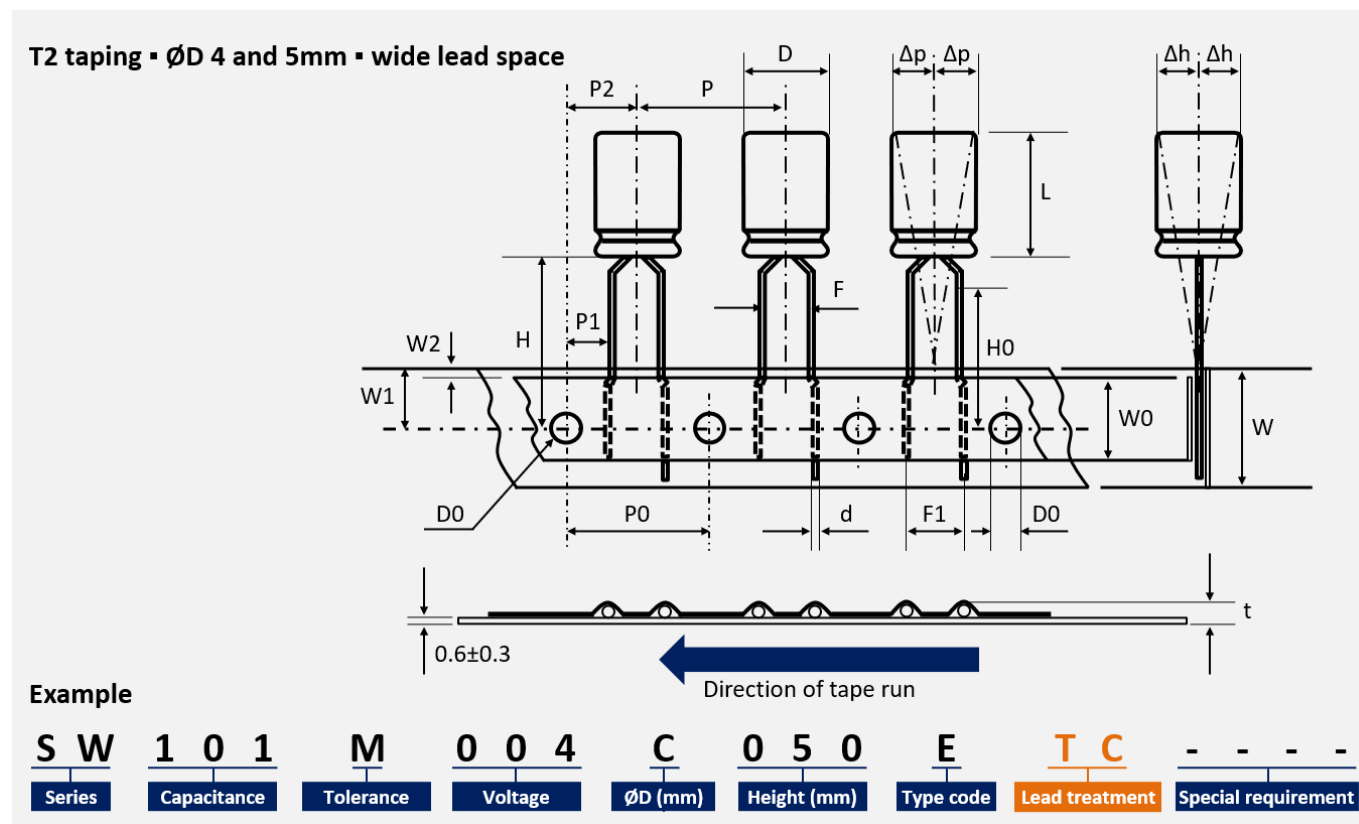
All dimensions in mm

	D	L	d	P	P0	P1	P2	F	F1	W	W0	W1	W2	H	D0	Δh	Δp	t	Code
Tol	±0.5	-	±0.02	±1.0	±0.2	±0.7	±1.3	+0.4 -0.2	±0.5	±0.5	±0.5	±0.5	Max	+0.75 -0.5	±0.2	Max	Max	Max	
Item	5	5-7 (+1) 9 (±2) 11-15 (±1.5)	0.45 0.5 0.5	12.7	12.7	5.35	6.35	2	5	18	11	9	2	18.5	4	1	1	1.5	TB

Table and example show the ammo package version. Coding RB instead of TB means the reel package version.

In the case of polarized capacitors, the negative lead (cathode) is in the front, i.e. in the direction of tape run.

TAPING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS



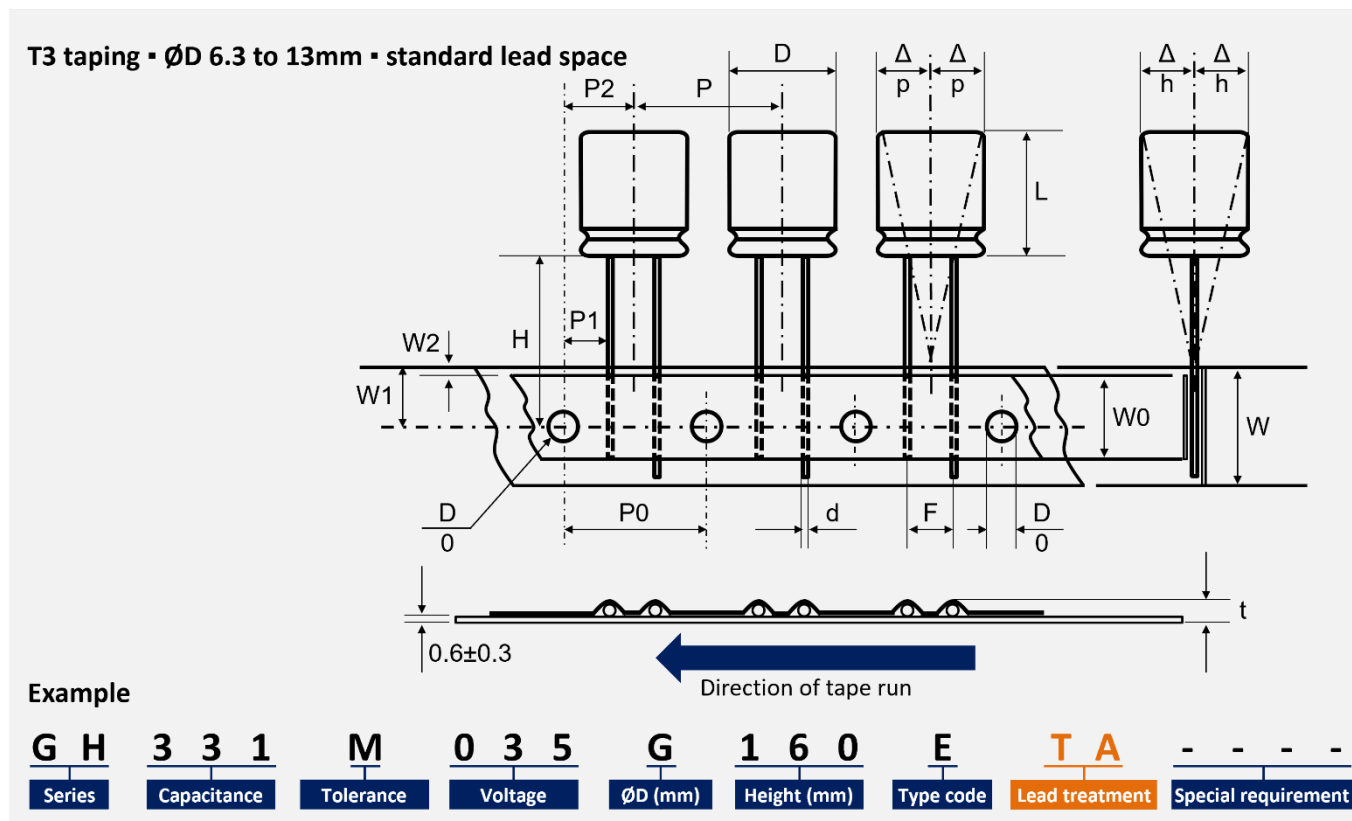
All dimensions in mm

	D	L	d	P	P0	P1	P2	F	F1	W	W0	W1	W2	H	D0	Δh	Δp	t	Code
Tol	±0.5	-	±0.02	±1.0	±0.2	±0.7	±1.3	+0.4 -0.2	±0.5	±0.5	±0.5	±0.5	Max	+0.75 -0.5	±0.2	Max	Max	Max	
Item	4	5-7 (+1)	0.45	12.7	12.7	5.35 5.1	6.35	2 2.5	5	18	11	9	2	18.5	4	1	1	1.5	TB TC
		5-7 (+1)	0.45																
	5	9 (±2)	0.5	12.7	12.7	5.1	6.35	2.5	5	18	11	9	2	18.5	4	1	1	1.5	TC
		11-15 (±1.5)	0.5																

Table and example show the ammo package version. Coding RB or RC instead of TB or TC means the reel package version.

In the case of polarized capacitors, the negative lead (cathode) is in the front, i.e. in the direction of tape run.

TAPING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS



All dimensions in mm

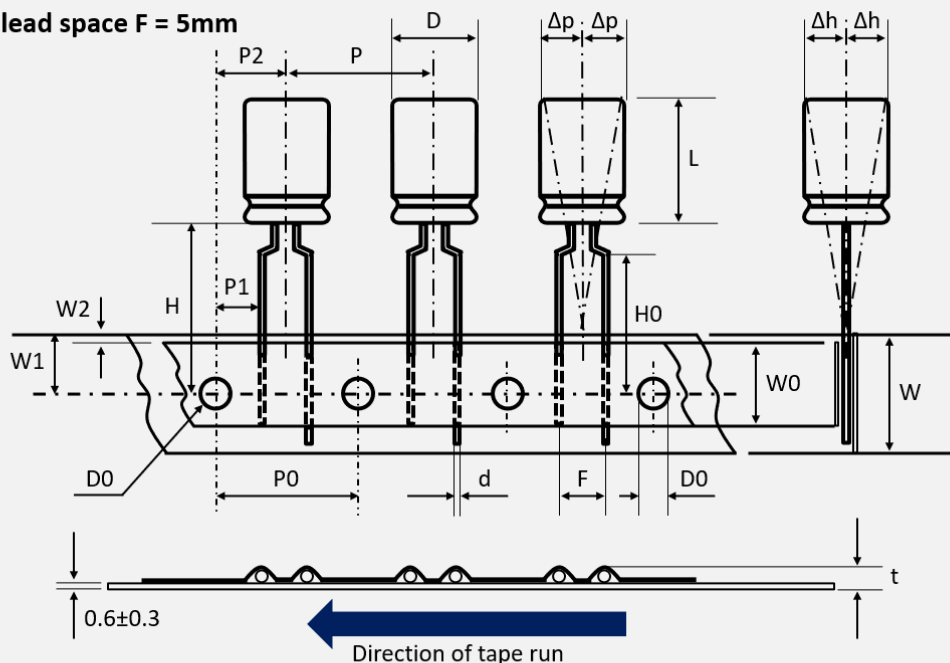
	D	L	d	P	P0	P1	P2	F	W	W0	W1	W2	H	D0	Δh	Δp	t	Code
Tol	±0.5	-	±0.02	±1.0	±0.2	±0.7	±1.3	+0.4 -0.2	±0.5	±0.5	±0.5	Max	+0.75 -0.5	±0.2	Max	Max	Max	Code
Item	6.3	5 (+1)	0.45	12.7	12.7	5.1	6.35	2.5	18	11	9	2	18.5	4	1	1	1.5	TC
		7 (+1)	0.5															
		9 (±2)	0.5															
		11-25 (±1.5)	0.5															
	8	5 (+1)	0.45	12.7	12.7	4.6	6.35	3.5	18	11	9	2	18.5	4	1	1	1.5	TD
		7 (+1)	0.5															
		9 (±2)	0.5															
		11.5-16 (±1.5)	0.5															
	10	7-9 (±2)	0.6	12.7	12.7	3.85	6.35	5	18	11	9	2	18.5	4	1	1	1.5	TA
		12.3-35 (±1.5)	0.6															
		13-16 (+2)	0.6															
	(12.5) 13	20-35 (±1.5)	0.6	15	15	5	7.5	5	18	15	9	2	18.5	4	2	2	1.5	TA

Table and example show the ammo package version. Coding RA, RC or RD instead of TA, TC or TD means the reel package version.

In the case of polarized capacitors, the negative lead (cathode) is in the front, i.e. in the direction of tape run.

TAPING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

T4 taping • ØD 4 to 8mm • lead space F = 5mm



Example

Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement
G H	4 7 0	M	0 6 3	F	1 1 5	E	T A	- - - -

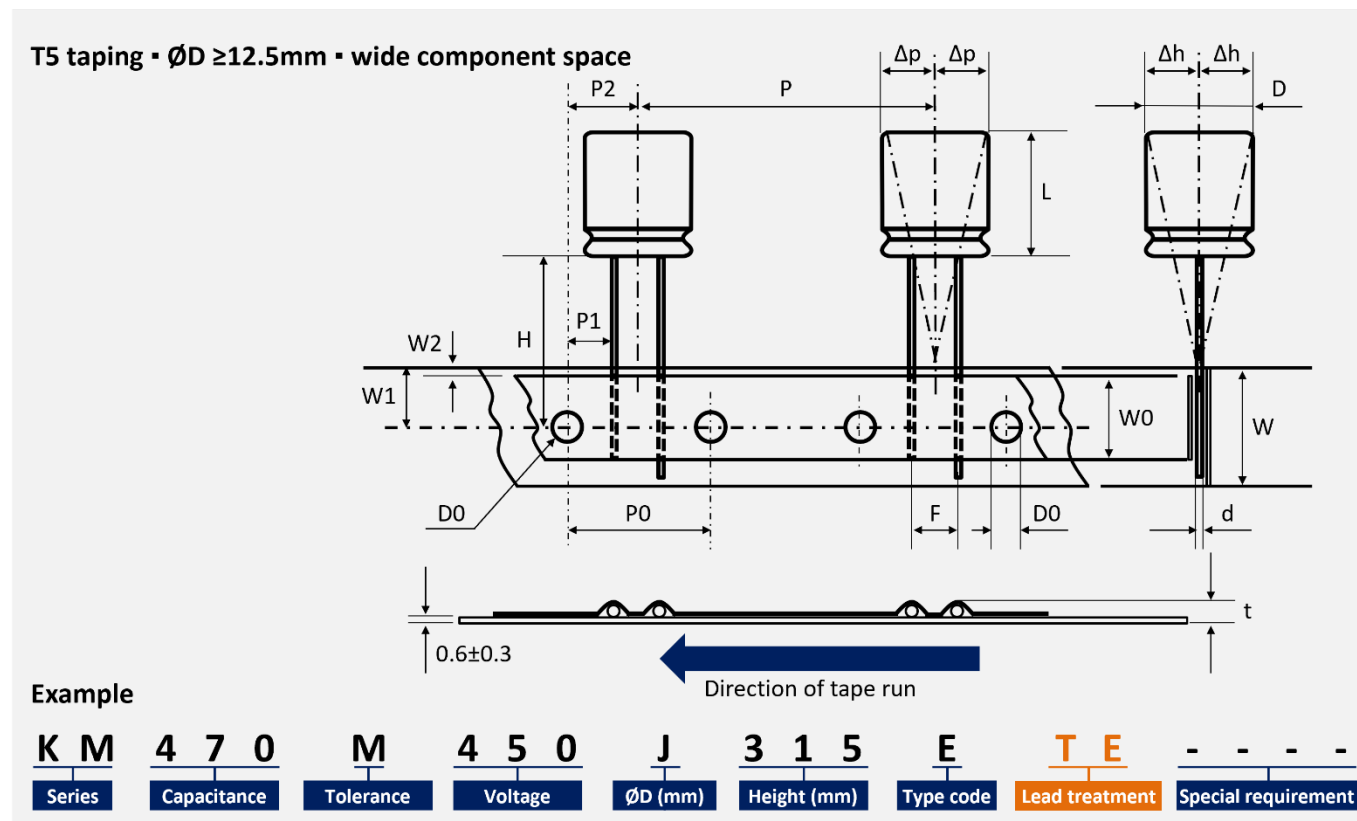
All dimensions in mm

	D	L	d	P	P0	P1	P2	F	W	W0	W1	W2	H	H0	D0	Δh	Δp	t	Code
Tol	±0.5	-	±0.02	±1.0	±0.2	±0.7	±1.3	+0.4 -0.2	±0.5	±0.5	±0.5	Max	+0.75 -0.5	±0.5	±0.2	Max	Max	Max	Code
Item	4	5-7 (+1)	0.45	12.7	12.7	3.85	6.35	5	18	11	9	2	18.5	16	4	1	1	1.5	TA
	5	5-7 (+1)	0.45	12.7	12.7	3.85	6.35	5	18	11	9	2	18.5	16	4	1	1	1.5	
		9 (±2)	0.5	12.7	12.7	3.85	6.35	5	18	11	9	2	18.5	16	4	1	1	1.5	
		11-15 (±1.5)	0.5																
	6.3	5 (+1)	0.45	12.7	12.7	3.85	6.35	5	18	11	9	2	18.5	16	4	1	1	1.5	
		7 (+1)	0.5																
		9 (±2)	0.5																
		11-25 (±1.5)	0.5																
	8	5 (+1)	0.45	12.7	12.7	3.85	6.35	5	18	11	9	2	18.5	16	4	1	1	1	
		7 (+1)	0.5																
		9 (±2)	0.5																
		11.5-16 (±1.5)	0.5																
		20-30 (±1.5)	0.6																

Table and example show the ammo package version. Coding RA instead of TA means the reel package version.

In the case of polarized capacitors, the negative lead (cathode) is in the front, i.e. in the direction of tape run.

TAPING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS



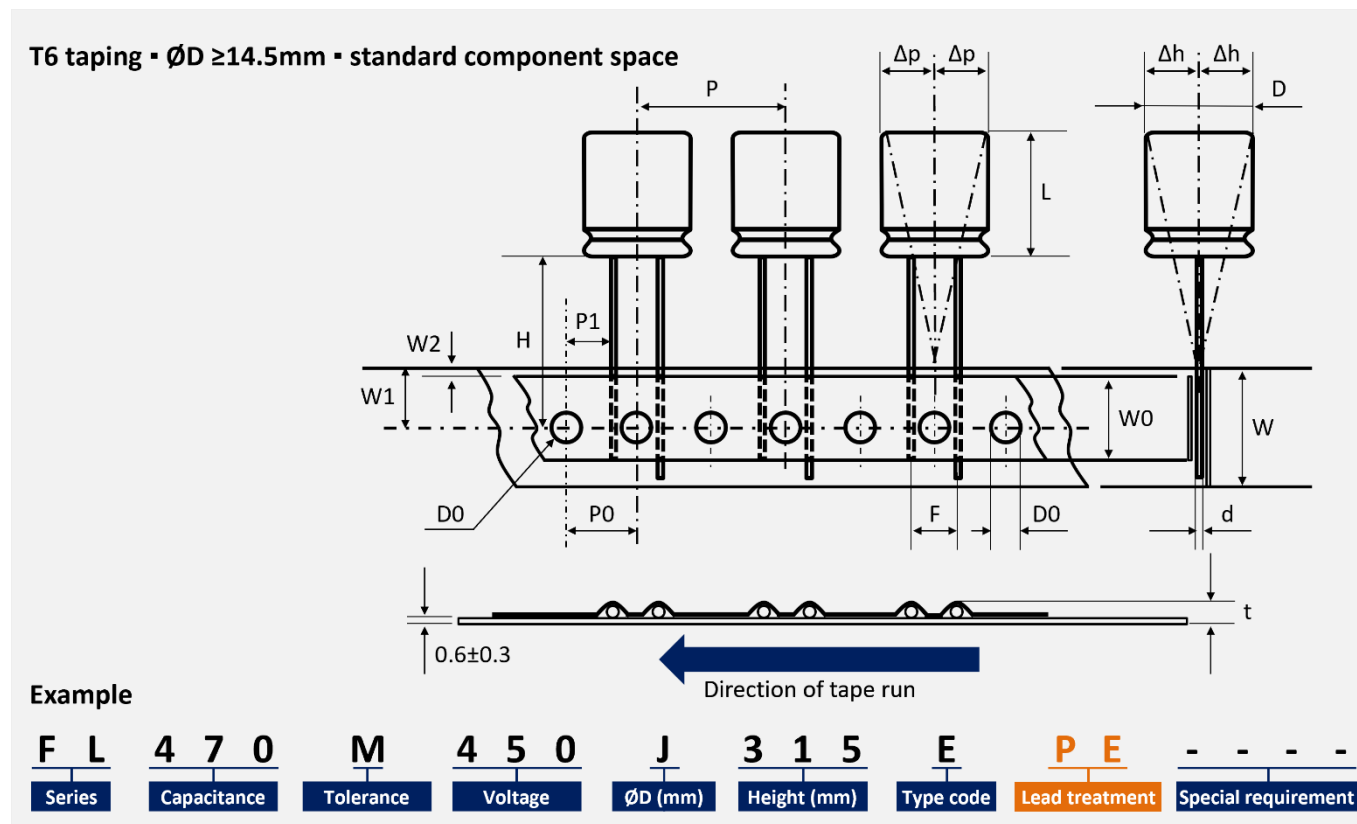
All dimensions in mm

	D	L	d	P	P0	P1	P2	F	W	W0	W1	W2	H	D0	Δh	Δp	t	Code
Tol	± 0.5	-	± 0.02	± 1.0	± 0.2	± 0.7	± 1.3	+0.4 -0.2	± 0.5	± 0.5	± 0.5	Max	+0.75 -0.5	± 0.2	Max	Max	Max	Code
Item	13 (12.5)	13-16 (+2) 20-35 (± 1.5)	0.6	25.4	12.7	3.85	6.35	5	18	15	9	2	18.5	4	2	2	1.5	PA
	14.5	18-35 (± 2)	0.8	30	15	3.75	7.5	7.5	18	15	9	2	18.5	4	2	2	1.5	TE
	16	16-21 (± 2) 25-35.5 (± 1.5)	0.8	30	15	3.75	7.5	7.5	18	15	9	2	18.5	4	2	2	1.5	
	18	16-21 (± 2) 25-31.5 (± 1.5) 35.5 (± 2)	0.8	30	15	3.75	7.5	7.5	18	15	9	2	18.5	4	2	2	1.5	

Table and example show the ammo package version. Coding RE or QA instead of TE or PA means the reel package version.

In the case of polarized capacitors, the negative lead (cathode) is in the front, i.e. in the direction of tape run.

TAPING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS



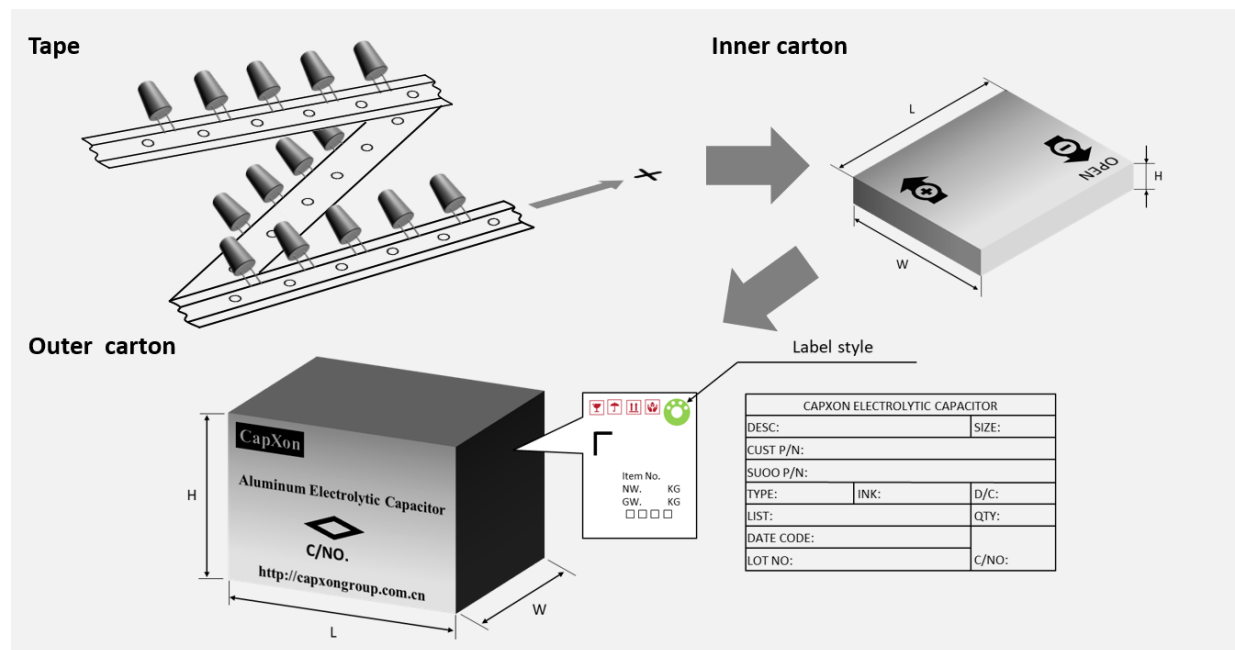
All dimensions in mm

	D	L	d	P	P0	P1	F	W	W0	W1	W2	H	D0	Δh	Δp	t	Code
Tol	±0.5	-	±0.02	±1.0	±0.2	±0.7	+0.4 -0.2	±0.5	±0.5	±0.5	Max	+0.75 -0.5	±0.2	Max	Max	Max	Code
Item	14.5	18-35 (±2)	0.8	25.4	12.7	8.95	7.5	18	15	9	2	18.5	4	2	2	1.5	PE
	16	16-21 (±2) 25-35.5 (±1.5)	0.8	25.4	12.7	8.95	7.5	18	15	9	2	18.5	4	2	2	1.5	
	18	16-21 (±2) 25-31.5 (±1.5) 35.5 (±2)	0.8	25.4	12.7	8.95	7.5	18	15	9	2	18.5	4	2	2	1.5	

Table and example show the ammo package version. Coding QE instead of PE means the reel package version.

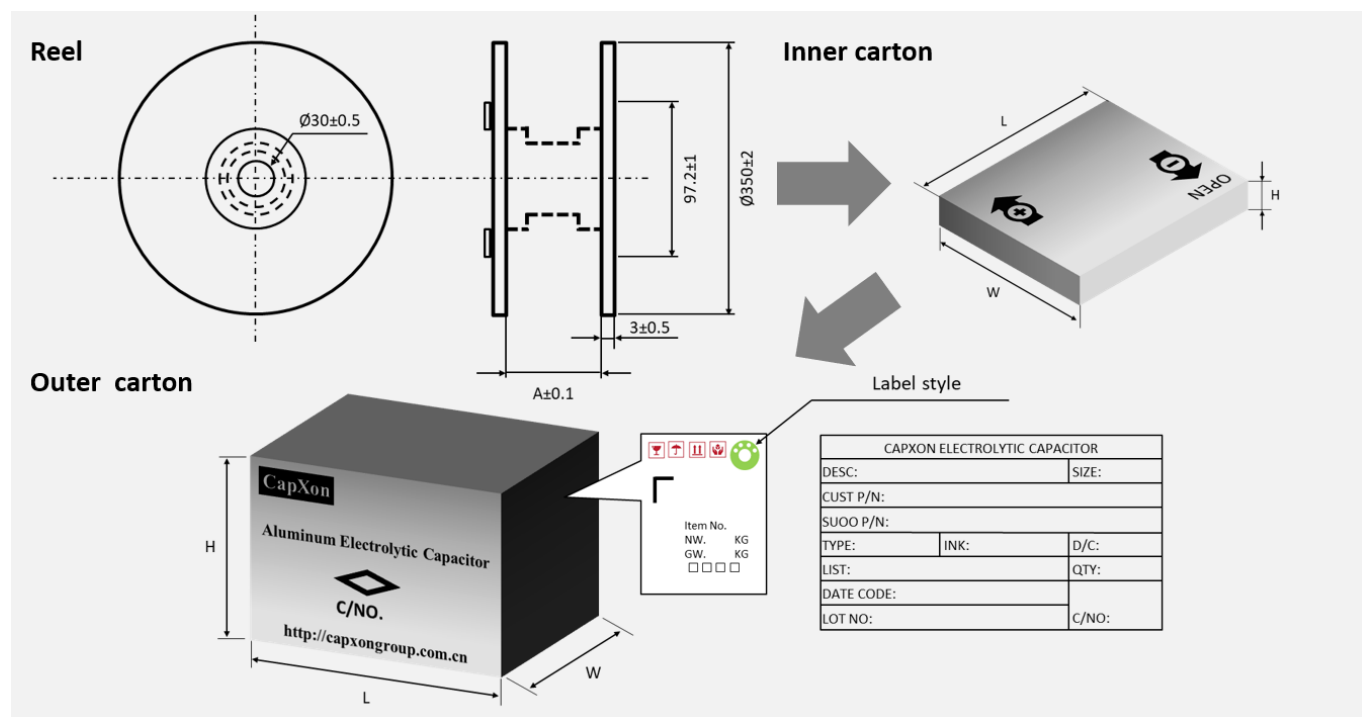
In the case of polarized capacitors, the negative lead (cathode) is in the front, i.e. in the direction of tape run.

TAPING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS • AMMO PACK



Ø D (mm)	Length L (mm)	Inner box quantity (pcs)	Inner box size L x W x H (mm)	Outer box quantity (pcs)	Outer box size L x W x H (mm)	Country of origin	Tariff number
4	All	2500	331 x 227 x 51	25000	474 x 343 x 285	China	85322200
5	All	2000	331 x 227 x 51	20000	474 x 343 x 285	China	85322200
6.3	5 to 15	1500	331 x 227 x 51	15000	474 x 343 x 285	China	85322200
	17 to 20	1300	327 x 191 x 57	13000	403 x 343 x 312	China	85322200
8	5 to 25	800	327 x 191 x 57	8000	403 x 343 x 312	China	85322200
	26 to 30	800	332 x 216 x 64	6400	474 x 343 x 285	China	85322200
10	7 to 15	600	331 x 227 x 51	6000	474 x 343 x 285	China	85322200
	16 to 20	500	327 x 191 x 57	5000	403 x 343 x 312	China	85322200
	21 to 25	500	332 x 190 x 60	2500	351 x 208 x 334	China	85322200
	26 to 30	600	332 x 216 x 64	4800	474 x 343 x 285	China	85322200
12.5 (P0=15)	35	500	310 x 260 x 71	2500	330 x 278 x 380	China	85322200
	13 to 17	300	327 x 191 x 57	3000	403 x 343 x 312	China	85322200
	20 to 30	300	332 x 180 x 64	3000	380 x 336 x 340	China	85322200
12.5 (P0=12.7)	35	400	318 x 254 x 70	2000	330 x 278 x 380	China	85322200
	13 to 17	300	327 x 191 x 57	3000	403 x 343 x 312	China	85322200
	20 to 30	400	318 x 254 x 70	2000	330 x 278 x 380	China	85322200
13 (P0=15)	35	400	318 x 254 x 70	2000	330 x 278 x 380	China	85322200
	13 to 17	300	327 x 191 x 57	3000	403 x 343 x 312	China	85322200
	20 to 30	300	332 x 180 x 64	3000	380 x 336 x 340	China	85322200
13 (P0=12.7)	35	400	318 x 254 x 70	2000	330 x 278 x 380	China	85322200
	13 to 25	400	318 x 254 x 70	2000	330 x 278 x 380	China	85322200
	26 to 30	400	318 x 254 x 70	2000	330 x 278 x 380	China	85322200
16 (P0=15)	35	400	318 x 254 x 70	2000	330 x 278 x 380	China	85322200
	16 to 20	250	318 x 254 x 67	2000	528 x 331 x 281	China	85322200
	21 to 25	250	318 x 254 x 67	2000	528 x 331 x 281	China	85322200
16 (P0=12.7)	> 25	250	310 x 260 x 71	1250	330 x 278 x 380	China	85322200
	16 to 20	250	332 x 216 x 64	1600	474 x 343 x 285	China	85322200
	21 to 25	200	332 x 216 x 64	1600	474 x 343 x 285	China	85322200
18	> 25	250	310 x 260 x 71	1250	330 x 278 x 380	China	85322200
	16 to 25	200	310 x 260 x 61	1000	330 x 278 x 333	China	85322200
	> 25	200	310 x 260 x 71	1000	330 x 278 x 380	China	85322200

TAPING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS • REEL PACK



Ø D (mm)	Length L (mm)	A (mm)	Inner box quantity (pcs)	Inner box size L x W x H (mm)	Outer box quantity (pcs)	Outer box size L x W x H (mm)	Country of origin	Tariff number
4	All	45	1800	350 x 350 x 105	10800	375 x 375 x 343	China	85322200
5	All	45	1300	350 x 350 x 105	7800	375 x 375 x 343	China	85322200
6.3	All	45	1000	350 x 350 x 105	6000	375 x 375 x 343	China	85322200
8	5 to 17	45	800	350 x 350 x 105	4800	375 x 375 x 343	China	85322200
	18 to 28	55	800	349 x 349 x 121	4800	375 x 375 x 385	China	85322200
10	7 to 17	45	600	350 x 350 x 105	3600	375 x 375 x 343	China	85322200
	18 to 28	55	600	349 x 349 x 121	3600	375 x 375 x 385	China	85322200
12.5	13 to 17	45	400	350 x 350 x 105	1800	375 x 375 x 343	China	85322200
	18 to 28	55	400	349 x 349 x 121	1800	375 x 375 x 385	China	85322200
13	13 to 17	45	300	350 x 350 x 105	1800	375 x 375 x 343	China	85322200
	18 to 28	55	300	349 x 349 x 121	1800	375 x 375 x 385	China	85322200
16	13 to 17	45	200	350 x 350 x 105	1200	375 x 375 x 343	China	85322200
	18 to 28	55	200	349 x 349 x 121	1200	375 x 375 x 385	China	85322200

PACKAGING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS STRAIGHT LEADS • BULK PACK



Ø D (mm)	Length L (mm)	Inner bag / Inner row (pcs)	Inner box quantity (pcs)	Inner box size L x W x H (mm)	Outer box quantity (pcs)	Outer box size L x W x H (mm)	Country of origin	Tariff number
3	5	1000/bag	20000	293 x 181 x 223	60000	562 x 318 x 238	China	85322200
4	5 to 7	1000/bag	15000	293 x 181 x 223	45000	562 x 318 x 238	China	85322200
5	5 to 9	1000/bag	15000	293 x 181 x 223	45000	562 x 318 x 238	China	85322200
	11 to 12	1000/bag	10000	293 x 181 x 223	30000	562 x 318 x 238	China	85322200
6.3	5 to 9	1000/bag	10000	293 x 181 x 223	30000	562 x 318 x 238	China	85322200
	11 to 20	1000/bag	8000	293 x 181 x 223	24000	562 x 318 x 238	China	85322200
8	5 to 9	500/bag	6000	293 x 181 x 223	18000	562 x 318 x 238	China	85322200
	11 to 14	500/bag	5000	293 x 181 x 223	15000	562 x 318 x 238	China	85322200
	15 to 16	500/bag	4000	293 x 181 x 223	12000	562 x 318 x 238	China	85322200
	20	500/bag	3000	293 x 181 x 223	9000	562 x 318 x 238	China	85322200
	25 to 30	400/bag	2400	293 x 181 x 223	7200	562 x 318 x 238	China	85322200
	30 to 35	400/bag	1600	293 x 181 x 223	4800	562 x 318 x 238	China	85322200
	36 to 41	400/bag	600	304 x 196 x 68	4800	415 x 320 x 295	China	85322200
	42 to 51	300/bag	600	304 x 196 x 68	4800	415 x 320 x 295	China	85322200
10	52 to 60	40/line	840	334 x 217 x 92	5040	448 x 354 x 295	China	85322200
	≤ 13	500/bag	4000	293 x 181 x 223	12000	562 x 318 x 238	China	85322200
	14 to 17	500/bag	3000	293 x 181 x 223	9000	562 x 318 x 238	China	85322200
	20	500/bag	2500	293 x 181 x 223	7500	562 x 318 x 238	China	85322200
	24 to 25	400/bag	2000	293 x 181 x 223	6000	562 x 318 x 238	China	85322200
	30 to 34	300/bag	1500	293 x 181 x 223	4500	562 x 318 x 238	China	85322200
	35	300/bag	1500	293 x 181 x 223	4500	562 x 318 x 238	China	85322200
	40 to 51	300/bag	400	304 x 196 x 68	3200	415 x 320 x 295	China	85322200
12.5	55 to 60	32/line	544	334 x 217 x 92	3264	448 x 354 x 295	China	85322200
	≤ 21	300/bag	1500	293 x 181 x 223	4500	562 x 318 x 238	China	85322200
	25 to 26	200/bag	1200	293 x 181 x 223	3600	562 x 318 x 238	China	85322200
	30 to 31.5	200/bag	1000	293 x 181 x 223	3000	562 x 318 x 238	China	85322200
	35	26/line	364	334 x 217 x 79.5	2184	448 x 354 x 260	China	85322200
13	40 to 50	26/line	364	334 x 217 x 92	2184	448 x 354 x 295	China	85322200
	≤ 21	300/bag	1500	293 x 181 x 223	4500	562 x 318 x 238	China	85322200
	25 to 31.5	25/line	350	334 x 217 x 68	2800	448 x 354 x 295	China	85322200
	35.5 to 41	25/line	350	334 x 217 x 79.5	2100	448 x 354 x 260	China	85322200
14.5	42 to 51	25/line	350	334 x 217 x 92	2100	448 x 354 x 295	China	85322200
	55 to 60	25/line	350	334 x 217 x 92	2100	448 x 354 x 295	China	85322200
	31.5 to 32	20/line	220	304 x 196 x 68	1760	415 x 320 x 295	China	85322200
16	37	20/line	220	304 x 196 x 92	1320	415 x 320 x 295	China	85322200
	15 to 21	18/line	180	304 x 196 x 55	1800	415 x 320 x 295	China	85322200
	25 to 31.5	18/line	180	304 x 196 x 68	1440	415 x 320 x 295	China	85322200
	35.5 to 41	18/line	180	305 x 197 x 79.5	1080	415 x 320 x 260	China	85322200
18	45 to 50	18/line	180	304 x 196 x 92	1080	415 x 320 x 295	China	85322200
	15 to 21	16/line	144	304 x 196 x 55	1440	415 x 320 x 295	China	85322200
	25 to 31.5	16/line	144	304 x 196 x 68	1152	415 x 320 x 295	China	85322200
	35.5 to 41	16/line	144	305 x 197 x 79.5	864	415 x 320 x 260	China	85322200
20	45 to 51	16/line	144	304 x 196 x 92	864	415 x 320 x 295	China	85322200
	21 to 31.5	16/line	144	334 x 217 x 68	1152	448 x 354 x 295	China	85322200
	35 to 36	16/line	144	334 x 217 x 79.5	864	448 x 354 x 248	China	85322200
	40 to 51	16/line	144	334 x 217 x 92	864	448 x 354 x 295	China	85322200

PACKAGING ▪ RADIAL ALUMINUM ELECTROLYTIC CAPACITORS STRAIGHT LEADS ▪ BULK PACK



Ø D (mm)	Length L (mm)	Inner bag / Inner row (pcs)	Inner box quantity (pcs)	Inner box size L x W x H (mm)	Outer box quantity (pcs)	Outer box size L x W x H (mm)	Country of origin	Tariff number
22	21 to 26	25 in all/2 lines	100	304 x 196 x 68	800	415 x 320 x 295	China	85322200
	30 to 41	25 in all/2 lines	100	305 x 197 x 79.5	600	415 x 320 x 260	China	85322200
	45 to 70	25 in all/2 lines	100	304 x 196 x 92	600	415 x 320 x 295	China	85322200
25	30 to 41	25 in all/2 lines	100	334 x 217 x 79.5	600	448 x 354 x 260	China	85322200
	≥ 45	25 in all/2 lines	100	334 x 217 x 92	600	448 x 354 x 295	China	85322200

PACKAGING • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS CUTTED LEADS • BULK PACK



Ø D (mm)	Length L (mm)	Inner bag / Inner row (pcs)	Inner box quantity (pcs)	Cutting height (mm)	Outer box quantity (pcs)	Outer carton quantity (pcs)	Country of origin	Tariff number
3	All L	2500/bag	10000	N/A	6	60000	China	85322200
4	5 to 7	2000/bag	8000	N/A	5	40000	China	85322200
5	5 to 9	2000/bag	8000	N/A	5	40000	China	85322200
	11 to 12	1000/bag	6000	C < 7	5	30000	China	85322200
	11 to 12	1000/bag	4000	C ≥ 7	5	20000	China	85322200
6.3	5 to 7	1000/bag	6000	N/A	5	30000	China	85322200
	9 to 12	1000/bag	4000	N/A	5	20000	China	85322200
	15 to 20	1000/bag	4000	N/A	6	24000	China	85322200
8	≤ 9	500/bag	4000	N/A	6	24000	China	85322200
	11 to 13	500/bag	3000	C < 7	6	18000	China	85322200
	14	500/bag	2500	C < 7	6	15000	China	85322200
	15 to 16	500/bag	2000	C < 7	6	12000	China	85322200
	20	500/bag	1000	C < 7	12	12000	China	85322200
	30 to 35.5	500/bag	1000	C < 7	8	8000	China	85322200
	36 to 41	40/line	840	C < 7	10	8400	China	85322200
	42 to 51	40/line	840	C < 7	6	5040	China	85322200
10	52 to 60	40/line	840	C < 7	6	5040	China	85322200
	7 to 10	500/bag	1000	C < 7	12	12000	China	85322200
	12 to 17	500/bag	1000	C < 7	10	10000	China	85322200
	20	500/bag	1000	C < 7	8	8000	China	85322200
	24 to 25	500/bag	1000	C < 7	6	6000	China	85322200
	30	300/bag	600	C < 7	8	4800	China	85322200
	35	32/line	540	C < 7	12	6480	China	85322200
	36 to 41	32/line	540	C < 7	10	5400	China	85322200
13	42 to 51	32/line	540	C < 7	8	4320	China	85322200
	52 to 60	32/line	540	C < 7	6	3240	China	85322200
	< 20	300/bag	600	C < 7	5	3000	China	85322200
	25	25/line	350	C < 7	10	3500	China	85322200
	31	25/line	350	C < 7	6	2100	China	85322200
	35 to 41	25/line	350	C < 7	5	1750	China	85322200
	42 to 51	25/line	350	C < 7	4	1400	China	85322200
	52 to 60	25/line	350	C < 7	4	1400	China	85322200
16	35 to 40	25/line	350	C ≥ 12	4	1400	China	85322200
	16 to 21	18/line	180	N/A	6	1080	China	85322200
	25 to 31.5	18/line	180	C < 7	6	1080	China	85322200
	25 to 31.5	18/line	180	C ≥ 7	5	900	China	85322200
	35.5 to 41	18/line	180	C < 7	5	900	China	85322200
18	35.5 to 41	18/line	180	C ≥ 7	4	720	China	85322200
	15 to 21	32 in all/2 lines	160	N/A	6	960	China	85322200
	25 to 31.5	32 in all/2 lines	160	C < 7	6	960	China	85322200
	25 to 31.5	32 in all/2 lines	160	C ≥ 7	5	800	China	85322200
	35.5 to 41	32 in all/2 lines	160	C < 7	5	800	China	85322200
	35.5 to 41	32 in all/2 lines	160	C ≥ 7	4	640	China	85322200
20	≥ 45	32 in all/2 lines	160	N/A	4	640	China	85322200
	25 to 40	30 in all/2 lines	120	C < 7	6	720	China	85322200
	25 to 40	30 in all/2 lines	150	C ≥ 7	4	600	China	85322200
	≥ 41	30 in all/2 lines	150	C < 7	4	600	China	85322200
	≥ 41	30 in all/2 lines	120	C ≥ 7	4	480	China	85322200

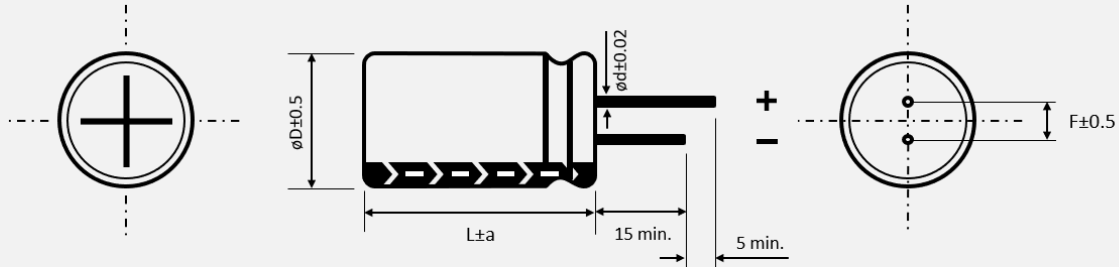
PACKAGING ▪ RADIAL ALUMINUM ELECTROLYTIC CAPACITORS CUTTED LEADS ▪ BULK PACK



Ø D (mm)	Length L (mm)	Inner bag / Inner row (pcs)	Inner box quantity (pcs)	Cutting height (mm)	Outer box quantity (pcs)	Outer carton quantity (pcs)	Country of origin	Tariff number
22	21 to 31	25 in all/2 lines	100	$C < 7$	6	600	China	85322200
	21 to 31	25 in all/2 lines	100	$C \geq 7$	5	500	China	85322200
	36 to 41	25 in all/2 lines	100	$C < 7$	5	500	China	85322200
	36 to 41	25 in all/2 lines	100	$C \geq 7$	6	600	China	85322200
	46 to 51	25 in all/2 lines	100	$C < 7$	4	400	China	85322200
	46 to 51	25 in all/2 lines	100	$C \geq 7$	3	300	China	85322200
	≥ 56	25 in all/2 lines	100	$C < 7$	3	300	China	85322200
25	21 to 26	25 in all/2 lines	100	N/A	6	600	China	85322200
	30 to 37	25 in all/2 lines	100	N/A	5	500	China	85322200
	40 to 51	25 in all/2 lines	100	N/A	4	400	China	85322200
	≥ 52	25 in all/2 lines	100	N/A	3	300	China	85322200

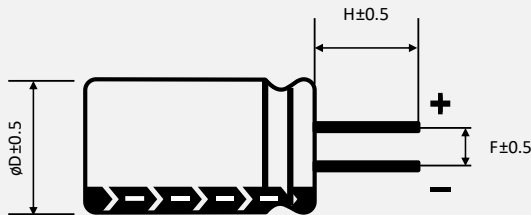
AVAILABLE LEAD TREATMENTS • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Radial type • standard version • standard lead spacing (all dimension in mm)



Ø D (mm)	4		5		6.3		8				10	13	16		18		22	25
F (mm)	1.5		2		2.5		3.5				5		7.5		7.5		10	12.5
L (mm)	All	≤ 7	> 7	≤ 5	> 5	≤ 5	7	9 to < 20	≥ 20	All	25 to 35.5		< 25 & ≥ 40	25 to 31.5	< 25 & ≥ 35	All	All	
Ø d (mm)	0.45	0.45	0.5	0.45	0.5	0.45	0.5		0.6	0.6	0.8		0.8		0.8		1	
a (mm)	1	1		1		1	1	1.5	1.5	1.5	1.5	2		1.5	2		2	

Radial type • **CA** version • cutted leads • standard lead spacing



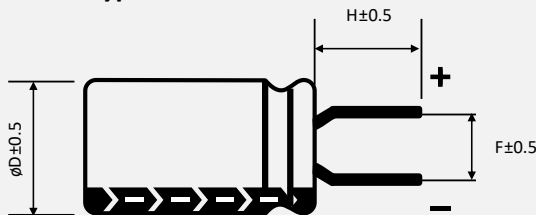
Example

Length „H“ customized. See product code table
customized lead length for further reference.

$\varnothing D$ (mm)	4	5	6.3	8	10	13	16	18	22	25
F (mm)	1.5	2	2.5	3.5	5	5	7.5	7.5	10	12.5

Series	Capacitance	Tolerance	Voltage	$\varnothing D$ (mm)	Height (mm)	Type code	Lead treatment	Special requirement
F H	2 2 1	M	6 R 3	E	1 1 0	E	C A	- - -

Radial type • **CE** version • cutted leads • wide lead spacing ≤ 2.5 mm



Example

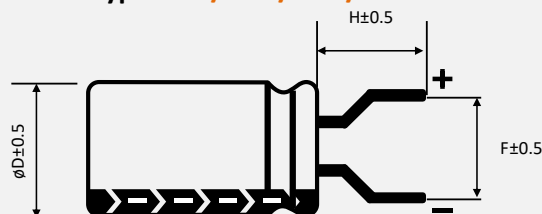
Length „H“ customized. See product code table
customized lead length for further reference.

$\varnothing D$ (mm)	4	5
F (mm)	2	2.5

Series	Capacitance	Tolerance	Voltage	$\varnothing D$ (mm)	Height (mm)	Type code	Lead treatment	Special requirement
S A	2 R 2	M	0 5 0	B	0 5 0	E	C E	- - -

AVAILABLE LEAD TREATMENTS • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Radial type • **CF / CG / CH / CI** version • cutted leads • wide lead spacing $\geq 2.5\text{mm}$



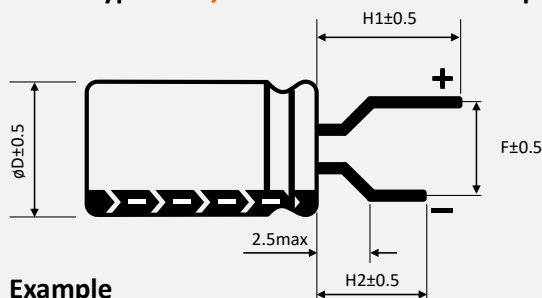
Example

Length „H“ customized. See product code table
customized lead length for further reference.

Ø D (mm)	4	4	4	5	5	6.3	6.3	8	10	13
F (mm)	2.5	3.5	5	3.5	5	3.5	5	5	7.5	7.5
Code	CF	CG	CH	CG	CH	CG	CH	CH	CI	CI

Series	G H	Capacitance	1 2 1	Tolerance	M	Voltage	0 1 6	ØD (mm)	E	Height (mm)	1 1 0	Type code	E	Lead treatment	CH	Special requirement	- - - -
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Radial type • **FA / FE** version • wide lead spacing $\geq 5\text{mm}$ • long anode



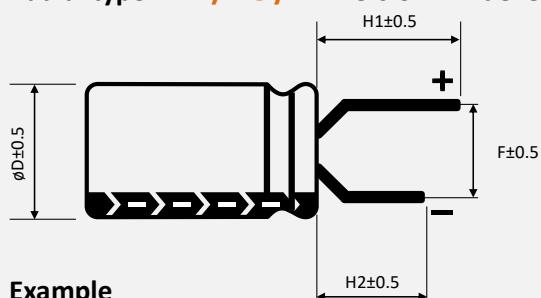
Length „H1“ and „H2“ customized.
Consult CapXon to specify the details.

Ø D (mm)	4	5	6.3	8	10	13
F (mm)	5	5	5	5	7.5	7.5
Code	FA	FA	FA	FA	FE	FE

Example

Series	S M	Capacitance	2 2 1	Tolerance	M	Voltage	0 1 0	ØD (mm)	E	Height (mm)	0 7 0	Type code	E	Lead treatment	FA	Special requirement	- - - -
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Radial type • **FB / FC / FD** version • wide lead spacing $\leq 3.5\text{mm}$ • long anode



Length „H1“ and „H2“ customized.
Consult CapXon to specify the details.

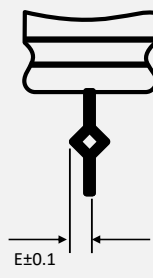
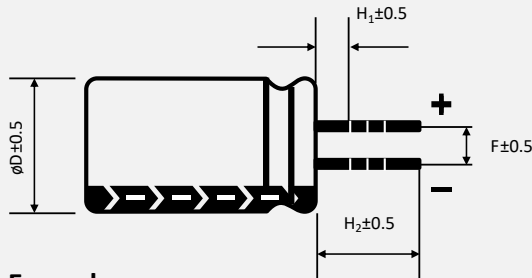
Ø D (mm)	4	5	6.3
F (mm)	2	2.5	3.5
Code	FB	FC	FD

Example

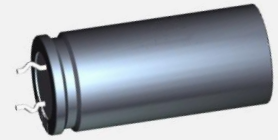
Series	S G	Capacitance	R 3 3	Tolerance	M	Voltage	0 5 0	ØD (mm)	B	Height (mm)	0 7 0	Type code	E	Lead treatment	FB	Special requirement	- - - -
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AVAILABLE LEAD TREATMENTS • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Radial type • **KA** version • kinked anode and cathode • standard lead spacing



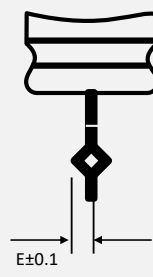
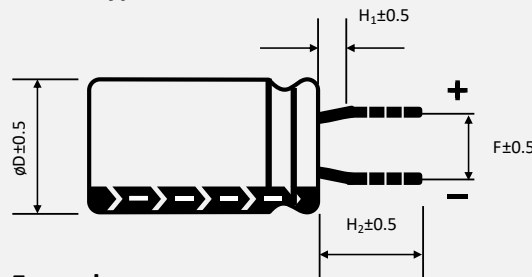
Ø D (mm)	5	6.3	8	10	13	16	18	22
F (mm)	2	2.5	3.5	5	5	7.5	7.5	10
H ₁ (mm)	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
H ₂ (mm)	4	4	4	4.5	4.5	4.5	4.5	4.5
E (mm)	1.12	1.12	1.32	1.32	1.32	1.32	1.32	1.82



Example

Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement
T E	2 2 2	M	0 2 5	J	3 5 5	E	K A	- - - -

Radial type • **KE** version • kinked anode and cathode • wide lead spacing ≤ 2.5mm



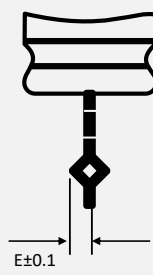
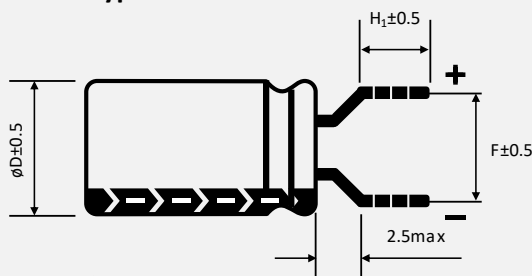
Ø D (mm)	4	5
F (mm)	2	2.5
H ₁ (mm)	1.8	1.8
H ₂ (mm)	4	4
E (mm)	1.12	1.12



Example

Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement
G W	1 5 1	M	6 R 3	C	0 9 0	E	K E	- - - -

Radial type • **KF** version • kinked anode and cathode • wide lead spacing 5mm



Ø D (mm)	5	6.3	8
F (mm)	5	5	5
H ₁ (mm)	4	4	4
E (mm)	1.12	1.12	1.32

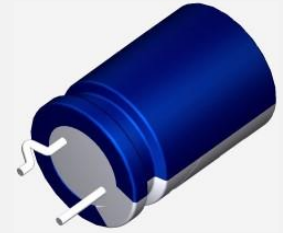
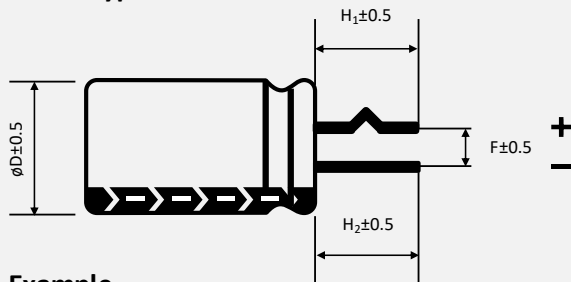


Example

Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement
T H	2 2 1	M	0 2 5	F	1 1 5	E	K F	- - - -

AVAILABLE LEAD TREATMENTS • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Radial type • **CK** version • kinked anode

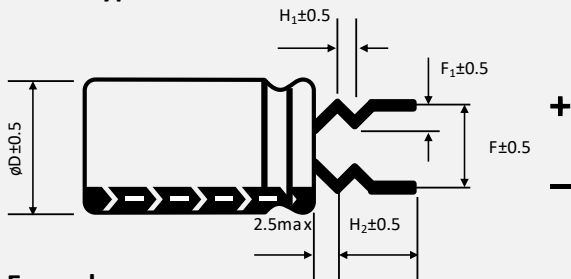


Ø D (mm)	4	5	6.3	8	10	13	16	18
F (mm)	1.5	2	2.5	3.5	5	5	7.5	7.5
H ₁ (mm)	4	4	4	4	4.5	4.5	4.5	4.5
H ₂ (mm)	4	4	4	4	4.5	4.5	4.5	4.5

Example

G S	4 7 1	M	0 2 5	F	1 1 5	E	C K	-	-	-	-
Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement			

Radial type • **EF** version • double kinked anode and cathode • lead spacing 5mm

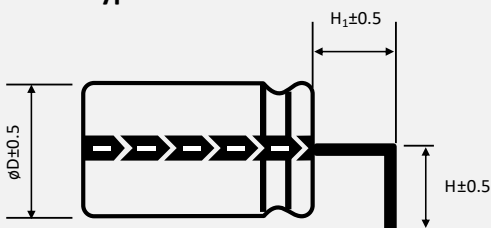


Ø D (mm)	4	5	6.3	8
F (mm)	5	5	5	5
H ₁ (mm)	1.8	1.8	1.8	1.8
H ₂ (mm)	4	4	4	4
F ₁ (mm)	1.2	1.2	1.2	1.2

Example

K W	1 0 0	M	0 6 3	C	0 9 0	E	E F	-	-	-	-
Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement			

Radial type • **CR** version • L - bended leads • cathode right



Ø D (mm)	4	5	6.3	8	10	13	16	18	22	25
F (mm)	1.5	2	2.5	3.5	5	5	7.5	7.5	10	12.5
H ₁ (mm)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

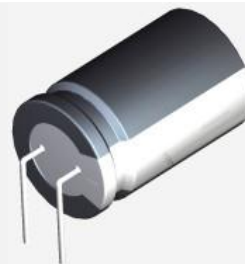
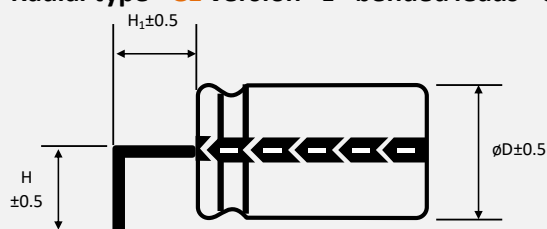
Example

Length „H“ customized. See product code table
customized lead length for further reference.

F K	1 0 1	M	4 5 0	K	3 5 5	E	C R	-	-	-	-
Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement			

AVAILABLE LEAD TREATMENTS • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Radial type • **CL** version • L - bended leads • cathode left



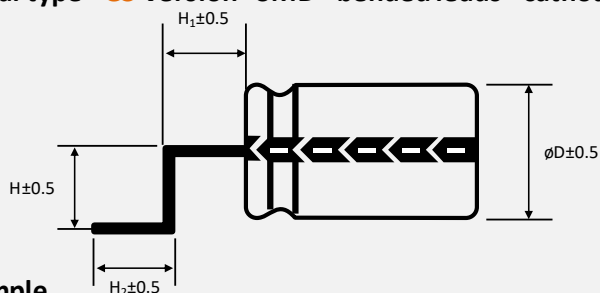
Example

Length „H“ customized. See product code table
customized lead length for further reference.

Ø D (mm)	4	5	6.3	8	10	13	16	18	22	25
F (mm)	1.5	2	2.5	3.5	5	5	7.5	7.5	10	12.5
H ₁ (mm)	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5

Series	K S	Capacitance	2 2 0	Tolerance	M	Voltage	4 0 0	ØD (mm)	I	Height (mm)	2 0 0	Type code	E	Lead treatment	C L	Special requirement	- - - -
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Radial type • **CS** version • SMD - bended leads • cathode left



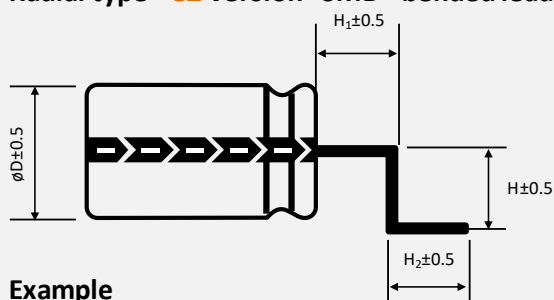
Length „H“, „H₁“ and H₂“ customized
Ask CapXon for further assistance

Ø D (mm)	4	5	6.3	8	10	13	16	18	22	25
F (mm)	1.5	2	2.5	3.5	5	5	7.5	7.5	10	12.5

Example

Series	F K	Capacitance	3 R 3	Tolerance	M	Voltage	4 5 0	ØD (mm)	G	Height (mm)	0 9 0	Type code	E	Lead treatment	C S	Special requirement	- - - -
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Radial type • **CZ** version • SMD - bended leads • cathode right



Length „H“, „H₁“ and H₂“ customized
Ask CapXon for further assistance

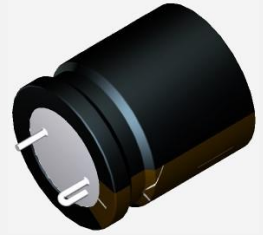
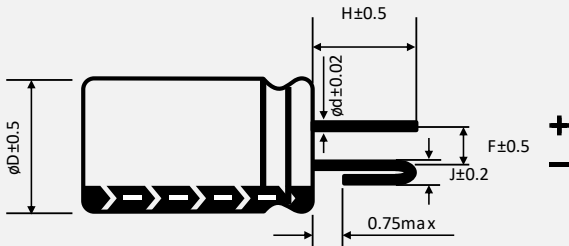
Ø D (mm)	4	5	6.3	8	10	13	16	18	22	25
F (mm)	1.5	2	2.5	3.5	5	5	7.5	7.5	10	12.5

Example

Series	R W	Capacitance	4 7 2	Tolerance	M	Voltage	0 6 3	ØD (mm)	M	Height (mm)	5 0 0	Type code	E	Lead treatment	C Z	Special requirement	- - - -
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AVAILABLE LEAD TREATMENTS • RADIAL ALUMINUM ELECTROLYTIC CAPACITORS

Radial type • **J I** version • polarity protected footprint • cathode bended



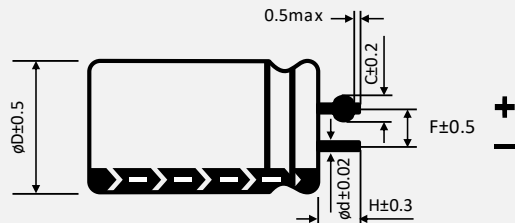
Length „H“ customized. See product code table
customized lead length for further reference.

Ø D (mm)	10	12.5	13	16	18	22
F (mm)	5	5	5	7.5	7.5	10
J (mm)	1.5	1.5	1.5	1.9	1.9	1.9
Ø d (mm)	0.6	0.6	0.6	0.8	0.8	0.8

Example

Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement
F L	4 7 0	M	4 0 0	K	2 0 0	E	J I	- - - -

Radial type • **CD** version • polarity protected footprint • anode pressed



Length „H“ customized. See product code table
customized lead length for further reference.

Ø D (mm)	10	12.5	13	16	18	22
F (mm)	5	5	5	7.5	7.5	10
C (mm)	1.1	1.1	1.1	1.4	1.4	1.4
Ø d (mm)	0.6	0.6	0.6	0.8	0.8	0.8

Example

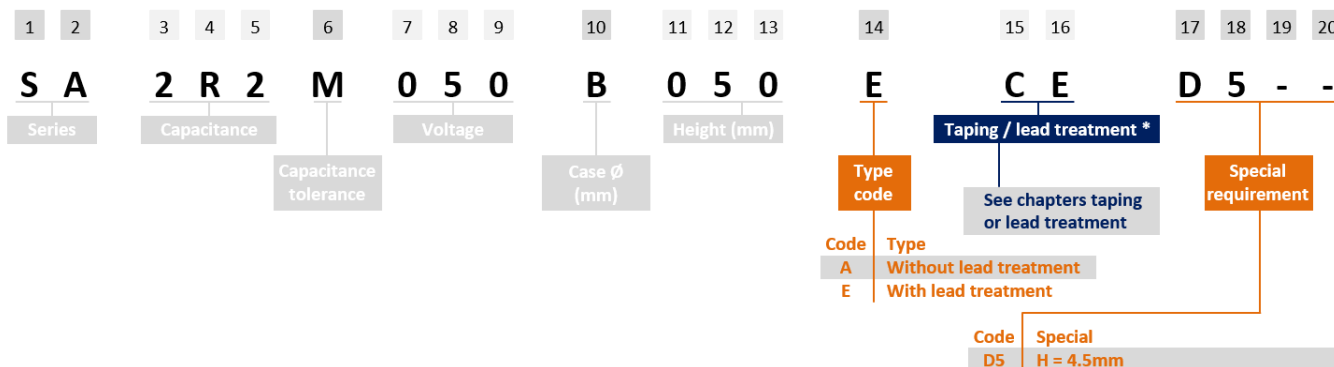
Series	Capacitance	Tolerance	Voltage	ØD (mm)	Height (mm)	Type code	Lead treatment	Special requirement
G L	2 2 1	M	0 5 0	G	1 6 0	E	C D	- - - -



PRODUCT CODE TABLE • CUSTOMIZED LEAD LENGTH

THT type example:

SA series ▪ 2.2μF ▪ 50V ▪ ±20% ▪ Ø 4mm ▪ L 5mm ▪ CE version, wide lead spacing ▪ P 2.5mm ▪ H 4.5mm
▪ Non-Automotive



Product code 17 th digit	H (mm)
A	1
B	2
C	3
D	4
E	5
F	6
G	7
H	8
I	9
J	10
K	11
L	12
M	13
N	14
O	15
P	16
Q	17
R	18
S	19
T	20
U	21
V	22
W	23
X	24
Y	25
Z	26

Product code 18 th digit	H (mm)
0	0.0
1	0.1
2	0.2
3	0.3
4	0.4
5	0.5
6	0.6
7	0.7
8	0.8
9	0.9

Example H (mm)	Product code Non-Automotive
4.5	D5
6.0	F0
10.7	J7
16.5	P5

Example H (mm)	Product code Automotive
4.5	XD5
6.0	XF0
10.7	XX7
16.5	XP5

The 17th digit is according basic ordering of the Latin alphabet and shows the measure "H" in front of the decimal separator. The 18th digit follows the numbering from 0 to 9 and shows the measure "H" after the decimal separator.

Remark for Automotive version: In the case of an AEC-Q200 qualified component, the measure "H" in front of the decimal separator moves to the 18th digit and the measure "H" after the decimal separator to the 19th digit.