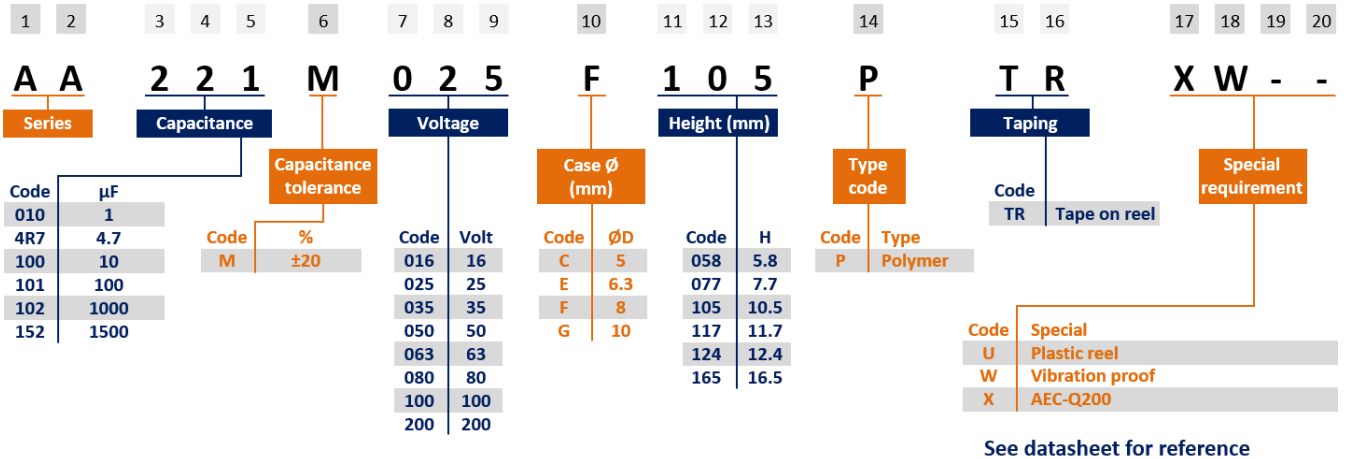


PRODUCT CODE - SMD HYBRID CONDUCTIVE POLYMER CAPACITORS



SMD type example:

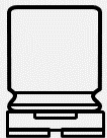
AA series ▪ 220µF ▪ 25V ▪ ±20% ▪ Ø 8mm ▪ L 10.5mm ▪ Tape & Reel ▪ AEC-Q200 ▪ Vibration proof package



Please consult CapXon for further assistance

MARKING - SMD HYBRID CONDUCTIVE POLYMER CAPACITORS

Hybrid Polymer Capacitor - SMD type



CapXon: Manufacturer trademark
 220: Nominal capacitance (µF)
 25V: Rated voltage (V) ▪ Standard type
 25X: Rated voltage (V) ▪ AEC-Q200 type
 AA: AA Series
 003: Production datacode year/week (ex. 2020/3rd week)

Top view
Standard type

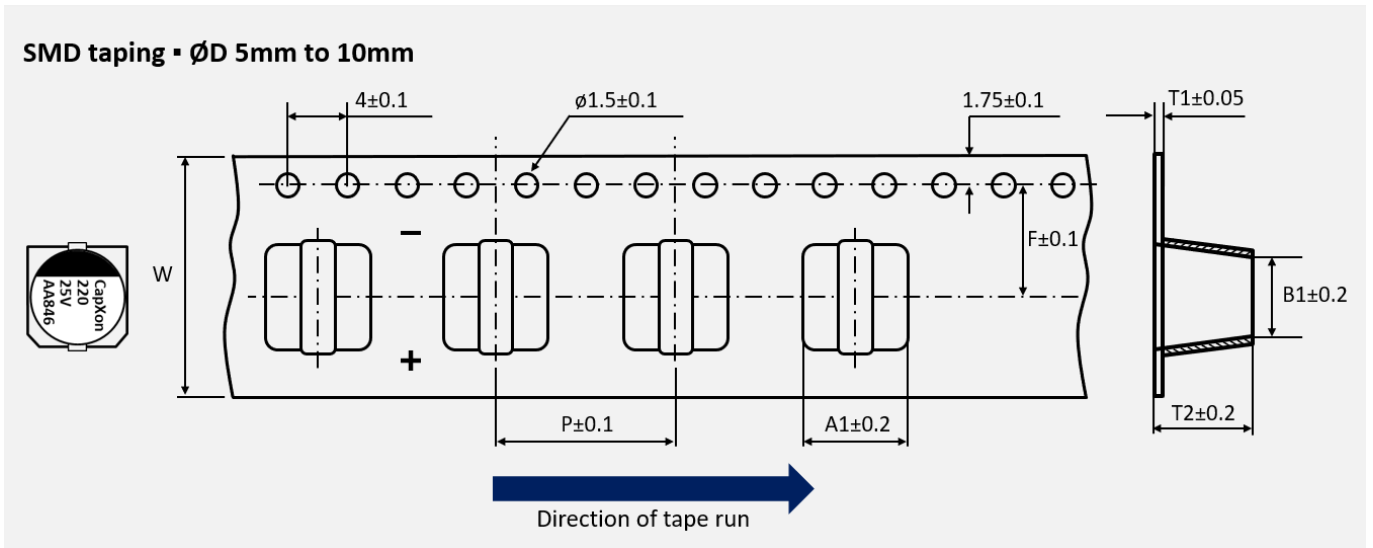


Top view
AEC-Q200 type



0 03
 → Production week
 → Last digit of the year

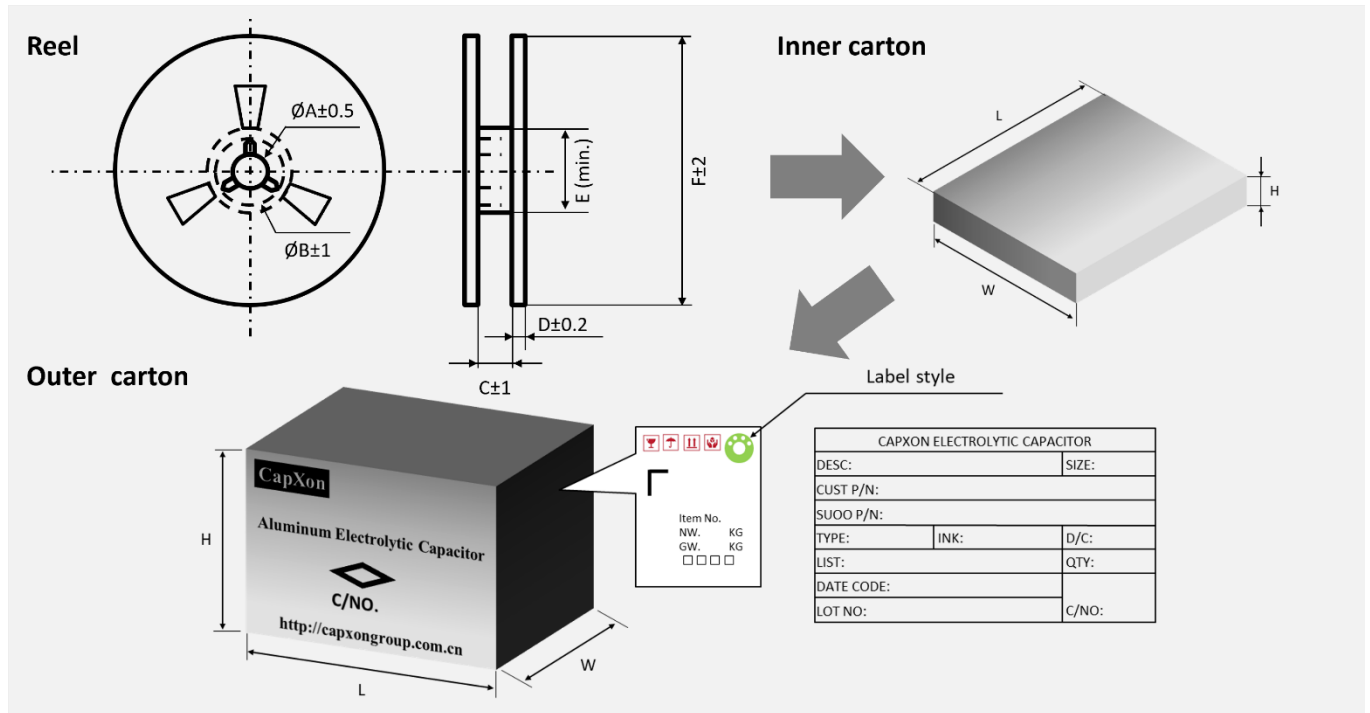
TAPING - SMD HYBRID CONDUCTIVE POLYMER CAPACITORS - REEL PACK



All dimensions in mm

ϕD	5 x 5.8	6.3 x 5.8	6.3 x 7.7	8 x 10.5	8 x 11.7	10 x 10.5	10 x 12.4	10 x 16.5
W	12	16	16	24	24	24	24	24
P	12	12	12	16	16	16	16	16
F	5.5	7.5	7.5	11.5	11.5	11.5	11.5	11.5
A1	5.7	7	7	8.7	8.7	10.7	10.7	10.7
B1	5.7	7	7	8.7	8.7	10.7	10.7	10.7
T1	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5
T2	6.1	6.2	8.1	11	13	11	12.9	17.5

TAPING • SMD HYBRID CONDUCTIVE POLYMER CAPACITORS • REEL PACK • PAPER REEL



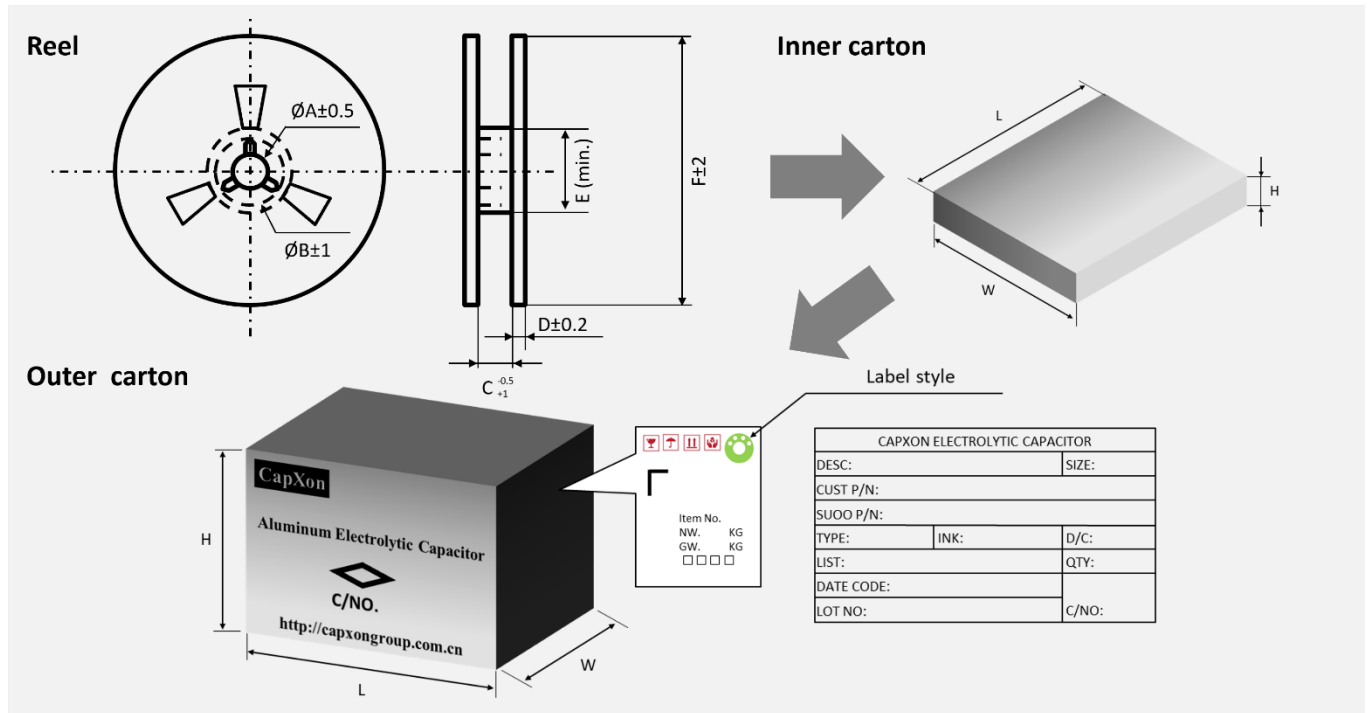
ϕD (mm)	L (mm)	A (mm)	Reel quantity (pcs)	Inner box quantity (pcs)	Inner box size L x W x H (mm)	Outer box quantity (pcs)	Outer box size L x W x H (mm)	Country of origin	Tariff number
5	5.8	14	1000	5000	400 x 390 x 106	15000	425 x 412 x 340	China	85322200
6.3	5.8	18	1000	4000	400 x 390 x 106	12000	425 x 412 x 340	China	85322200
	7.7	18	900	3600	400 x 390 x 106	10800	425 x 412 x 340	China	85322200
8	10.5	26	500	1500	400 x 390 x 106	4500	425 x 412 x 340	China	85322200
	11.7	26	400	1200	400 x 390 x 106	3600	425 x 412 x 340	China	85322200
10	10.5	26	500	1500	400 x 390 x 106	4500	425 x 412 x 340	China	85322200
	12.4	26	400	1200	400 x 390 x 106	3600	425 x 412 x 340	China	85322200
	16.5	26	250	750	400 x 390 x 106	2250	425 x 412 x 340	China	85322200

All reel dimensions in mm

ϕD	5	6.3	6.3	6.3	6.3	8	8	8	8	10	10	10	10
L	5.8	5.5	5.8	6.1	7.7	6.5	7.7	10.5	11.7	8.7	10.5	12.4	16.5
A	15	15	15	15	15	15	15	15	15	15	15	15	15
B	21	21	21	21	21	21	21	21	21	21	21	21	21
C	14	18	18	18	18	18	18	26	26	26	26	26	26
D	3	3	3	3	3	3	3	3	3	3	3	3	3
E	80	80	80	80	80	80	80	80	80	80	80	80	80
F	380	380	380	380	380	380	380	380	380	380	380	380	380

Remark: Standard = Paper reel

TAPING • SMD HYBRID CONDUCTIVE POLYMER CAPACITORS • REEL PACK • PLASTIC REEL

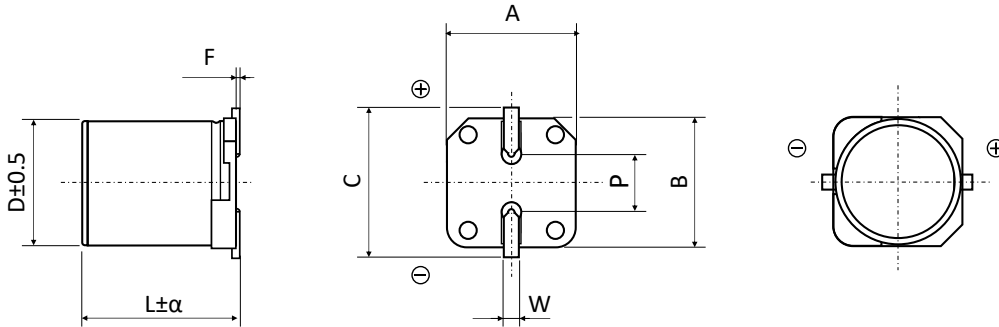


Ø D (mm)	L (mm)	A (mm)	Reel quantity (pcs)	Inner box quantity (pcs)	Inner box size L x W x H (mm)	Outer box quantity (pcs)	Outer box size L x W x H (mm)	Country of origin	Tariff number
5	5.8	14	1000	5000	400 x 390 x 106	15000	425 x 412 x 340	China	85322200
6.3	5.8	18	1000	4000	400 x 390 x 106	12000	425 x 412 x 340	China	85322200
	7.7	18	900	3600	400 x 390 x 106	10800	425 x 412 x 340	China	85322200
8	10.5	26	500	1500	400 x 390 x 106	4500	425 x 412 x 340	China	85322200
	11.7	26	400	1200	400 x 390 x 106	3600	425 x 412 x 340	China	85322200
10	10.5	26	500	1500	400 x 390 x 106	4500	425 x 412 x 340	China	85322200
	12.4	26	400	1200	400 x 390 x 106	3600	425 x 412 x 340	China	85322200
	16.5	26	250	750	400 x 390 x 106	2250	425 x 412 x 340	China	85322200

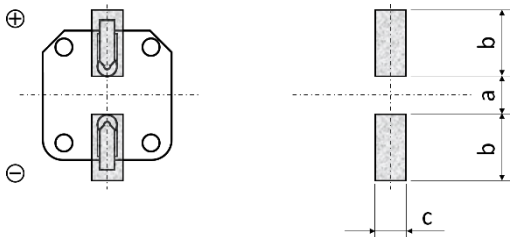
All reel dimensions in mm

Ø D	5	6.3	6.3	6.3	6.3	8	8	8	8	10	10	10	10
L	5.8	5.5	5.8	6.1	7.7	6.5	7.7	10.5	11.7	8.7	10.5	12.4	16.5
A	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
B	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
C	13	17	17	17	17	17	17	25	25	25	25	25	25
D	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
E	100	100	100	100	100	100	100	100	100	100	100	100	100
F	380	380	380	380	380	380	380	380	380	380	380	380	380

Remark: Plastic reel = Add code "U" at the end of the part number

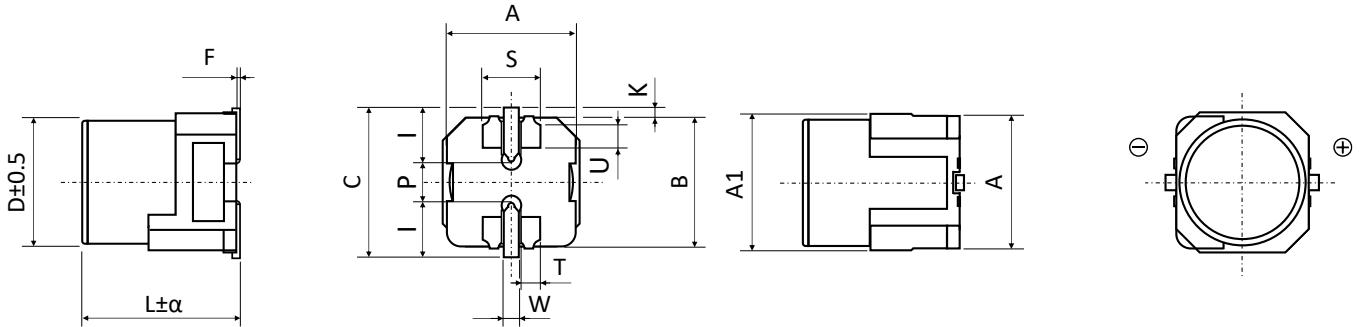
DIMENSIONS STANDARD PACKAGE ▪ All dimensions in mm


ϕD	L	α	$A \pm 0.2$	$B \pm 0.2$	$C \pm 0.2$	F	$P \pm 0.2$	W
5.0	5.8	0.3	5.3	5.3	5.9	0 to 0.3	1.4	0.5 to 0.8
6.3	5.8	0.3	6.6	6.6	7.2	0 to 0.3	2.2	0.5 to 0.8
6.3	7.7	0.3	6.6	6.6	7.2	0 to 0.3	2.2	0.5 to 0.8
8.0	10.5	0.3	8.3	8.3	9.0	0 to 0.3	3.1	0.7 to 1.1
8.0	11.7	0.3	8.3	8.3	9.0	0 to 0.3	3.1	0.7 to 1.1
10.0	10.5	0.3	10.3	10.3	11.0	0 to 0.3	4.5	0.7 to 1.1
10.0	12.4	0.3	10.3	10.3	11.0	0 to 0.3	4.5	1.0 to 1.4
10.0	16.5	0.3	10.3	10.3	11.0	0 to 0.3	4.5	1.0 to 1.4

PAD LAYOUT STANDARD PACKAGE ▪ All dimensions in mm


ϕD	L	a	b	c
5.0	5.8	1.4	3.0	1.6
6.3	5.8	2.1	3.5	1.6
6.3	7.7	2.1	3.5	1.6
8.0	10.5	2.8	4.2	1.9
8.0	11.7	2.8	4.2	1.9
10.0	10.5	4.3	4.4	1.9
10.0	12.4	4.3	4.4	2.2
10.0	16.5	4.3	4.4	2.2

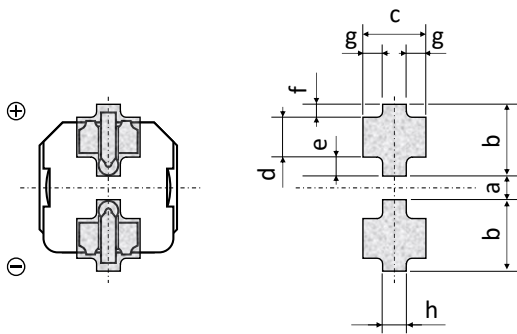
DIMENSIONS VP PACKAGE (VIBRATION-PROOF) Ø D6.3 ▪ All dimensions in mm



Ø D	L	α	A ± 0.2	A1 (max.)	B ± 0.2	C (max.)	F	K
6.3	5.8	-0.3/+0.7	6.6	7.1	6.6	7.8	0 to 0.15	0.35 +0.15/-0.2
6.3	7.7	-0.3/+0.7	6.6	7.1	6.6	7.8	0 to 0.15	0.35 +0.15/-0.2
6.3	10.5	-0.3/+0.7	6.6	7.1	6.6	7.8	0 to 0.15	0.35 +0.15/-0.2

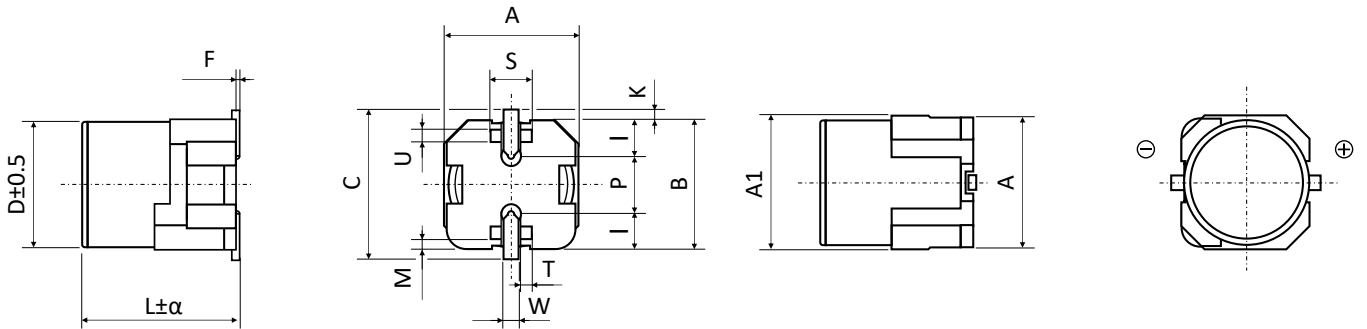
Ø D	L	P ± 0.2	S ± 0.1	I ± 0.1	T ± 0.1	U ± 0.1	W ± 0.1
6.3	5.8	2.2	2.9	2.4	1.1	1.55	0.65
6.3	7.7	2.2	2.9	2.4	1.1	1.55	0.65
6.3	10.5	2.2	2.9	2.4	1.1	1.55	0.65

PAD LAYOUT VP PACKAGE (VIBRATION-PROOF) Ø D6.3 ▪ All dimensions in mm



Ø D	L	a	b	c	d	e	f	g	h
6.3	5.8	1.2	3.6	3.2	2.0	0.95	0.65	1.0	1.2
6.3	7.7	1.2	3.6	3.2	2.0	0.95	0.65	1.0	1.2
6.3	10.5	1.2	3.6	3.2	2.0	0.95	0.65	1.0	1.2

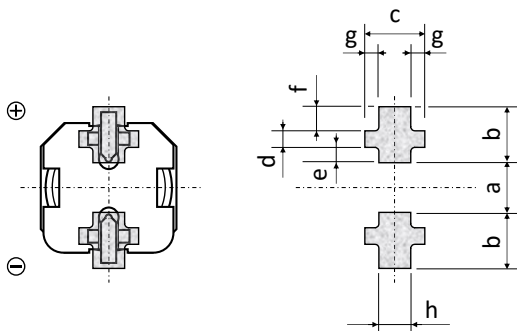
DIMENSIONS VP PACKAGE (VIBRATION-PROOF) Ø D8 and D10 ▪ All dimensions in mm



Ø D	L	α	A ± 0.2	A1 (max.)	B ± 0.2	C (max.)	F	K ± 0.2
8.0	10.5	-0.3/+0.7	8.3	8.8	8.3	10.0	0 to 0.15	0.7
8.0	11.7	-0.3/+0.7	8.3	8.8	8.3	10.0	0 to 0.15	0.7
10.0	10.5	-0.3/+0.7	10.3	10.8	10.3	12.0	0 to 0.15	0.7
10.0	12.4	-0.3/+0.7	10.3	10.8	10.3	12.0	0 to 0.15	0.7
10.0	16.5	-0.3/+0.7	10.3	10.8	10.3	12.0	0 to 0.15	0.7

Ø D	L	P ± 0.2	S ± 0.1	I ± 0.1	T ± 0.1	U ± 0.1	W ± 0.1	M ± 0.1
8.0	10.5	3.1	3	3.4	1.4	0.7	1.2	0.7
8.0	11.7	3.1	3	3.4	1.4	0.7	1.2	0.7
10.0	10.5	4.6	3.3	3.5	1.5	0.8	1.2	0.9
10.0	12.4	4.6	3.3	3.5	1.5	0.8	1.2	0.9
10.0	16.5	4.6	3.3	3.5	1.5	0.8	1.2	0.9

PAD LAYOUT VP PACKAGE (VIBRATION-PROOF) Ø D8 and D10 ▪ All dimensions in mm



Ø D	L	a	b	c	d	e	f	g	h
8.0	10.5	2.7	4.0	4.7	1.3	1.0	1.7	1.1	2.5
8.0	11.7	2.7	4.0	4.7	1.3	1.0	1.7	1.1	2.5
10.0	10.5	3.9	4.4	4.7	1.3	1.2	1.9	1.1	2.5
10.0	12.4	3.9	4.4	4.7	1.3	1.2	1.9	1.1	2.5
10.0	16.5	3.9	4.4	4.7	1.3	1.2	1.9	1.1	2.5