

LCT·LCS·LC·LCE HAND-HELD PLASTIC CASE

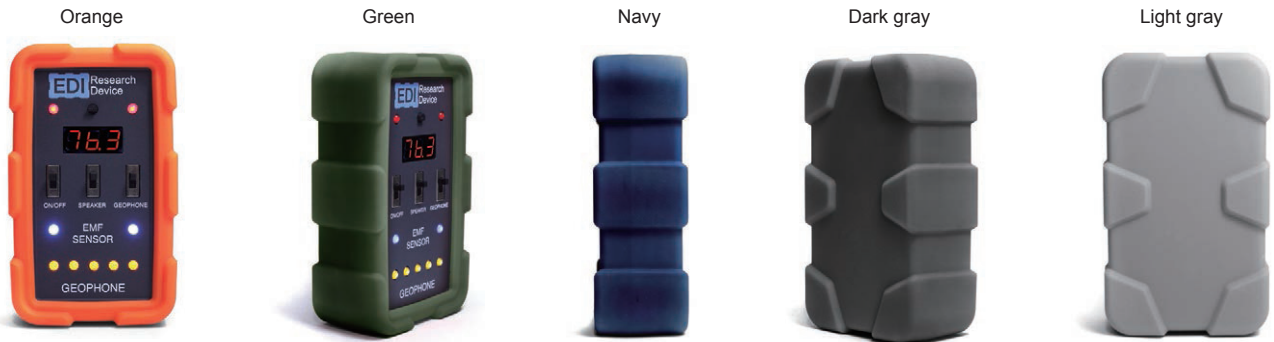
Hand-held case suitable for industrial measuring equipments, wireless communication devices and medical equipments.

8 different sizes and 9 different battery compartment types are available for LC plastic case.

LCS series comes with 7 silicone cover colors for selection.

LCT series is selectable in 5 different rugged shock-proof silicone cover colors.

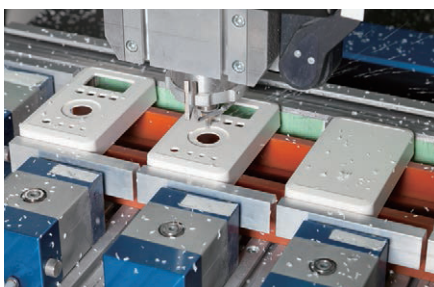
LCT Plastic case with shock-proof silicone cover



LCS Plastic case with silicone cover



CUSTOMIZATION



APPLICATION EXAMPLE

METAL COATING THICKNESS GAUGE

Product by NOVOTEST (Ukraine)



SOLAR PANEL TROUBLE CHECKER

Product by ITES (Japan)



SOLAR CELL DISCONNECTION CHECKER

Product by Shinei Electronic Measuring (Japan)



DIGITAL PRESSURE GAUGE SETTER

Product by NAGANO KEIKI (Japan)



EMF DETECTOR

Product by CenTex Paranormal (USA)



DISTRIBUTION TRANSFORMER TESTER

Product by ndb Technologies (Canada)



NETWORK PARTIAL DISCHARGE CHECKER

Product by ndb Technologies (Canada)



RADIATION SURVEY METER

Product by HISAKI Sekkei (Japan)



MINI RADIATION SURVEY METER

Product by Techno AP (Japan)



WIRELESS VOLTAGE PROBE

Product by Enertronics (Switzerland)



PORTABLE ANEMOMETER

Product by FieldPro (Japan)



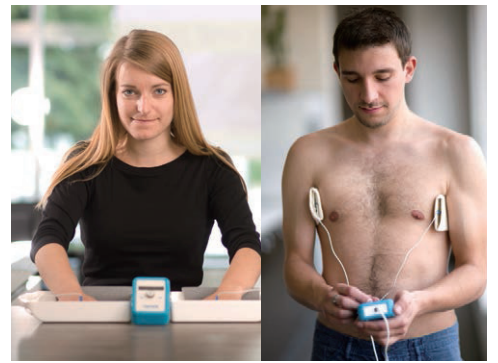
ULTRASONIC THICKNESS GAUGE

Product by DEMAQ (Argentina)



HYPERHIDROSIS TREATMENT DEVICE

Product by Merebit (Czech Republic)



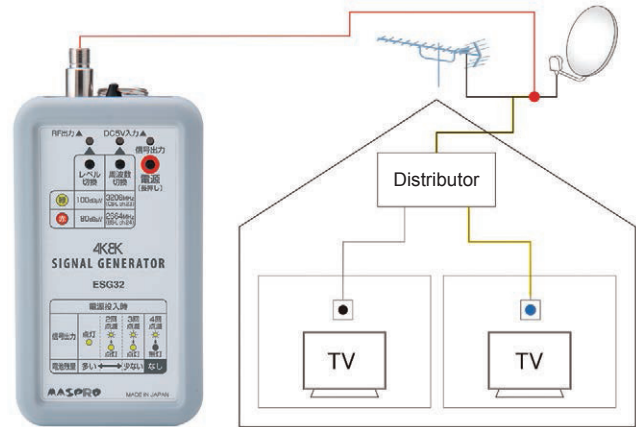
RF SCOPE

Product by Arrow7 Corporation (Japan)



SATELLITE BROADCASTING SIGNAL GENERATOR

Product by MASPRO (Japan)



ONBOARD PROGRAMMER

Product by Hokuto Electronic (Japan)



CODE DEBUGGER

Product by BITRAN (Japan)



LCS SERIES

HAND-HELD CASE with SILICONE COVER

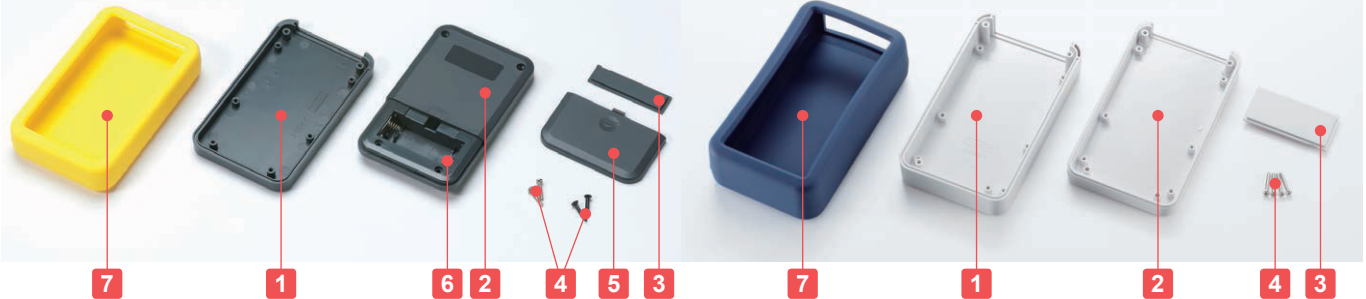


Technical Data
Protection class: IP40
Operating temperature: -10°C ~ +60°C

- Plastic case with silicone cover providing not only comfortable and anti-slip grip, but also protection from drop impact.
- Manufactured with flame-resistant ABS UL94V-0. Several battery compartment types are available.
- Positive (+) / negative (-) pole mark are incised on the inside of the battery compartments.
- Suitable for measuring instruments, test devices, wireless communication devices, medical devices and so on.

Battery compartment type

No battery compartment type



Components

No.	Part name	Pcs	Material	Color / Finish
1	Top cover	1	ABS UL94V-0	Off-white • Dark gray
2	Bottom cover	1	ABS UL94V-0	Off-white • Dark gray
3	Panel	1	ABS UL94V-0	Off-white • Dark gray
4	Self tapping screw	4	Steel M2.6	Nickel plated • Black trivalent chromate
5	Battery cover	1	ABS UL94V-0	Off-white • Dark gray
6	Battery contact • Battery snap	1 set	Brass • Brass : PVC	Nickel plated • Nickel plated : Black
7	Silicone cover	1	Silicone	Red • Yellow • Green • Blue • Navy • Light gray • Dark gray

Accessories (Optional parts)



Tapping standoff TPS series
See page TPS • MT-1



PCB mounting screw EM-2.3
See page EM • MR-1



TORX screw MR series
See page EM • MR-1



Key ring CR-20
See page STP • CR-1



Strap STP series
See page STP • CR-1

Battery Compartment Type

Type	N None	F2 AAA x 2	F3 AAA x 3	F4 AAA x 4	F6 AAA x 6	M2 AA x 2	M3 AA x 3	M4 AA x 4	9V 9V x 1
Battery compartment									

Color Type

Code	D/R Dark gray / Red	D/Y Dark gray / Yellow	D/G Dark gray / Green	D/B Dark gray / Blue	D/N Dark gray / Navy	D/D Dark gray / Dark gray	D/L Dark gray / Light gray
Color							
Code	W/R Off-white / Red	W/Y Off-white / Yellow	W/G Off-white / Green	W/B Off-white / Blue	W/N Off-white / Navy	W/D Off-white / Dark gray	W/L Off-white / Light gray
Color							

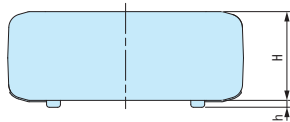
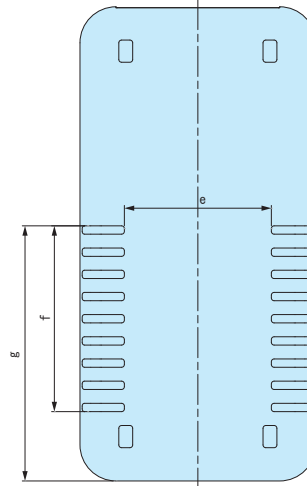
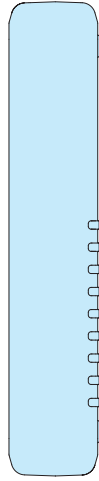
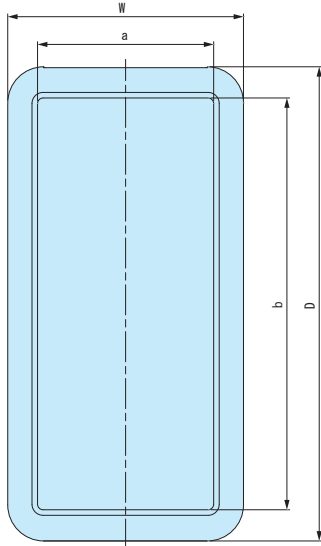
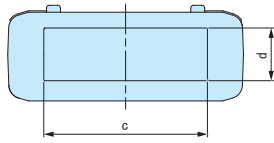
Product no. / Dimensions

■ Please suffix color code at the end of the product number.

Product no.	W	H	D	Battery compartment	Weight (g)
LCS115 -N -□□	74(69)	24(19.5)	120(115)	None	113
LCS115 -F2 -□□	74(69)	24(19.5)	120(115)	AAA x 2	117.5
LCS115 -F3 -□□	74(69)	24(19.5)	120(115)	AAA x 3	119.5
LCS115H -N -□□	74(69)	32.5(28)	120(115)	None	130
LCS115H -F2 -□□	74(69)	32.5(28)	120(115)	AAA x 2	134.5
LCS115H -F3 -□□	74(69)	32.5(28)	120(115)	AAA x 3	136
LCS115H -M2 -□□	74(69)	32.5(28)	120(115)	AA x 2	138.5
LCS115H -9V -□□	74(69)	32.5(28)	120(115)	9V x 1	138
LCS135 -N -□□	81(76)	32(27)	141(135)	None	165
LCS135 -F4 -□□	81(76)	32(27)	141(135)	AAA x 4	180
LCS135 -M2 -□□	81(76)	32(27)	141(135)	AA x 2	178
LCS135 -M3 -□□	81(76)	32(27)	141(135)	AA x 3	183.5
LCS135 -9V -□□	81(76)	32(27)	141(135)	9V x 1	181.5
LCS135H -N -□□	81(76)	40(35)	141(135)	None	183
LCS135H -F4 -□□	81(76)	40(35)	141(135)	AAA x 4	197.5
LCS135H -M2 -□□	81(76)	40(35)	141(135)	AA x 2	196.5
LCS135H -M3 -□□	81(76)	40(35)	141(135)	AA x 3	201.5
LCS135H -9V -□□	81(76)	40(35)	141(135)	9V x 1	199
LCS145S -N -□□	101(96)	25(20)	151(145)	None	183.4
LCS145S -F6 -□□	101(96)	25(20)	151(145)	AAA x 6	203.4
LCS145 -N -□□	101(96)	32(27)	151(145)	None	202
LCS145 -F6 -□□	101(96)	32(27)	151(145)	AAA x 6	222
LCS145 -M2 -□□	101(96)	32(27)	151(145)	AA x 2	216
LCS145 -M4 -□□	101(96)	32(27)	151(145)	AA x 4	223
LCS145H -N -□□	101(96)	40(35)	151(145)	None	224
LCS145H -F6 -□□	101(96)	40(35)	151(145)	AAA x 6	244.5
LCS145H -M2 -□□	101(96)	40(35)	151(145)	AA x 2	238
LCS145H -M4 -□□	101(96)	40(35)	151(145)	AA x 4	245
LCS165 -N -□□	85(80)	32(27)	171(165)	None	203
LCS165 -M4 -□□	85(80)	32(27)	171(165)	AA x 4	222.5
LCS165H -N -□□	85(80)	40(35)	171(165)	None	220.5
LCS165H -M4 -□□	85(80)	40(35)	171(165)	AA x 4	239.5

■ () value = enclosure dimension.

Silicone cover dimensions

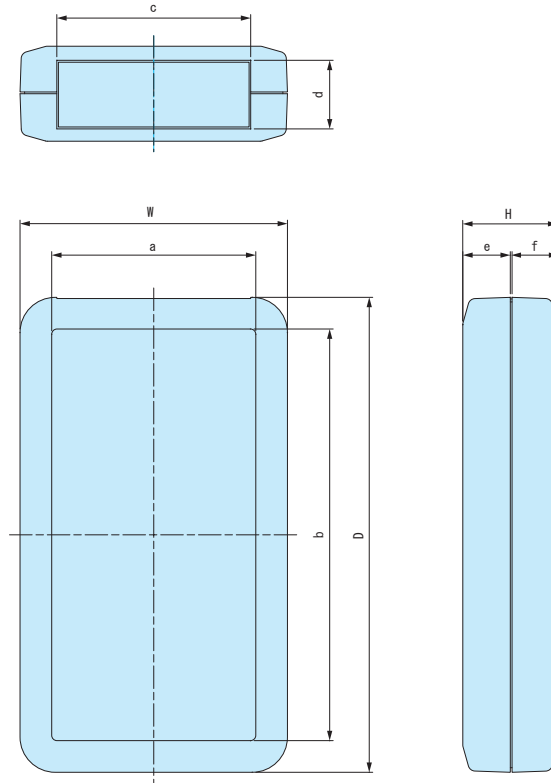


- Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.
- Refer to page LCT · LCS · LC · LCE-5 ~ LCT · LCS · LC · LCE-8 for detailed internal enclosure dimensions.

Product no.	W	H	D	a	b	c	d	e	f	g	h
LCS115 -N -□□	74	24	120	55.5	101.5	48.3	12	46	44.5	60.5	2
LCS115 -F2 -□□	74	24	120	55.5	101.5	48.3	12	46	44.5	60.5	2
LCS115 -F3 -□□	74	24	120	55.5	101.5	48.3	12	46	44.5	60.5	2
LCS115H -N -□□	74	32.5	120	55.5	101.5	48.3	20.5	46	44.5	60.5	2
LCS115H -F2 -□□	74	32.5	120	55.5	101.5	48.3	20.5	46	44.5	60.5	2
LCS115H -F3 -□□	74	32.5	120	55.5	101.5	48.3	20.5	46	44.5	60.5	2
LCS115H -M2 -□□	74	32.5	120	55.5	101.5	48.3	20.5	46	44.5	60.5	2
LCS115H -9V -□□	74	32.5	120	55.5	101.5	48.3	20.5	46	44.5	60.5	2
LCS135 -N -□□	81	32	141	59.5	118.5	55	19	53	59	79	2.5
LCS135 -F4 -□□	81	32	141	59.5	118.5	55	19	53	59	79	2.5
LCS135 -M2 -□□	81	32	141	59.5	118.5	55	19	53	59	79	2.5
LCS135 -M3 -□□	81	32	141	59.5	118.5	55	19	53	59	79	2.5
LCS135 -9V -□□	81	32	141	59.5	118.5	55	19	53	59	79	2.5
LCS135H -N -□□	81	40	141	59.5	118.5	55	27	53	59	79	2.5
LCS135H -F4 -□□	81	40	141	59.5	118.5	55	27	53	59	79	2.5
LCS135H -M2 -□□	81	40	141	59.5	118.5	55	27	53	59	79	2.5
LCS135H -M3 -□□	81	40	141	59.5	118.5	55	27	53	59	79	2.5
LCS135H -9V -□□	81	40	141	59.5	118.5	55	27	53	59	79	2.5
LCS145S -N -□□	101	25	151	76.5	125.5	71	12	71	59	81	2.5
LCS145S -F6 -□□	101	25	151	76.5	125.5	71	12	71	59	81	2.5
LCS145 -N -□□	101	32	151	76.5	125.5	71	19	71	59	81	2.5
LCS145 -F6 -□□	101	32	151	76.5	125.5	71	19	71	59	81	2.5
LCS145 -M2 -□□	101	32	151	76.5	125.5	71	19	71	59	81	2.5
LCS145 -M4 -□□	101	32	151	76.5	125.5	71	19	71	59	81	2.5
LCS145H -N -□□	101	40	151	76.5	125.5	71	27	71	59	81	2.5
LCS145H -F6 -□□	101	40	151	76.5	125.5	71	27	71	59	81	2.5
LCS145H -M2 -□□	101	40	151	76.5	125.5	71	27	71	59	81	2.5
LCS145H -M4 -□□	101	40	151	76.5	125.5	71	27	71	59	81	2.5
LCS165 -N -□□	85	32	171	63.5	148.5	59	19	53	67	92	2.5
LCS165 -M4 -□□	85	32	171	63.5	148.5	59	19	53	67	92	2.5
LCS165H -N -□□	85	40	171	63.5	148.5	59	27	53	67	92	2.5
LCS165H -M4 -□□	85	40	171	63.5	148.5	59	27	53	67	92	2.5

Enclosure dimensions

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- Refer to page LCT · LCS · LC · LCE-5 ~ LCT · LCS · LC · LCE-8 for detailed internal enclosure dimensions.



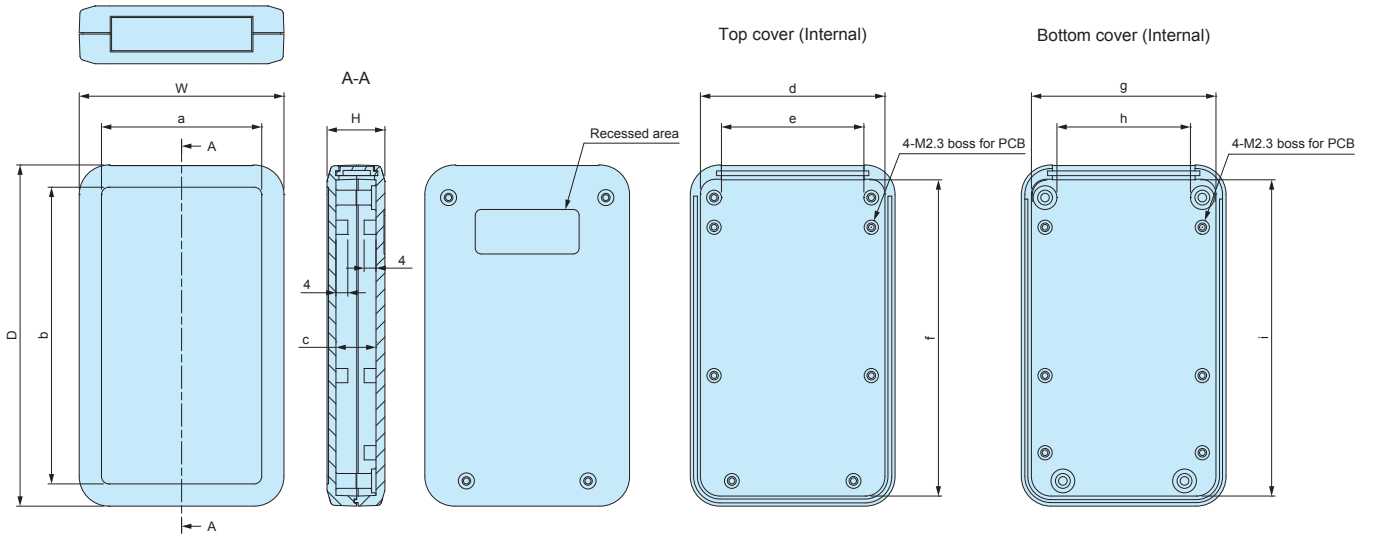
■ Please suffix color code at the end of the product number.

Product no.	W	H	D	a	b	c	d	e	f	Battery compartment
LCS115 -N -□□	69	19.5	115	54	100	48.1	12	10	9	None
LCS115 -F2 -□□	69	19.5	115	54	100	48.1	12	10	9	AAA x 2
LCS115 -F3 -□□	69	19.5	115	54	100	48.1	12	10	9	AAA x 3
LCS115H-N -□□	69	28	115	54	100	48.1	20.5	18.5	9	None
LCS115H-F2 -□□	69	28	115	54	100	48.1	20.5	18.5	9	AAA x 2
LCS115H-F3 -□□	69	28	115	54	100	48.1	20.5	18.5	9	AAA x 3
LCS115H-M2-□□	69	28	115	54	100	48.1	20.5	18.5	9	AA x 2
LCS115H-9V -□□	69	28	115	54	100	48.1	20.5	18.5	9	9V x 1
LCS135 -N -□□	76	27	135	58	117	55.1	19.5	13.5	13	None
LCS135 -F4 -□□	76	27	135	58	117	55.1	19.5	13.5	13	AAA x 4
LCS135 -M2-□□	76	27	135	58	117	55.1	19.5	13.5	13	AA x 2
LCS135 -M3-□□	76	27	135	58	117	55.1	19.5	13.5	13	AA x 3
LCS135 -9V -□□	76	27	135	58	117	55.1	19.5	13.5	13	9V x 1
LCS135H-N -□□	76	35	135	58	117	55.1	27.5	21.5	13	None
LCS135H-F4 -□□	76	35	135	58	117	55.1	27.5	21.5	13	AAA x 4
LCS135H-M2-□□	76	35	135	58	117	55.1	27.5	21.5	13	AA x 2
LCS135H-M3-□□	76	35	135	58	117	55.1	27.5	21.5	13	AA x 3
LCS135H-9V -□□	76	35	135	58	117	55.1	27.5	21.5	13	9V x 1
LCS145S-N -□□	96	20	145	75	124	71.1	12.5	7.5	12	None
LCS145S-F6 -□□	96	20	145	75	124	71.1	12.5	7.5	12	AAA x 6
LCS145 -N -□□	96	27	145	75	124	71.1	19.5	14.5	12	None
LCS145 -F6 -□□	96	27	145	75	124	71.1	19.5	14.5	12	AAA x 6
LCS145 -M2-□□	96	27	145	75	124	71.1	19.5	14.5	12	AA x 2
LCS145 -M4-□□	96	27	145	75	124	71.1	19.5	14.5	12	AA x 4
LCS145H-N -□□	96	35	145	75	124	71.1	27.5	22.5	12	None
LCS145H-F6 -□□	96	35	145	75	124	71.1	27.5	22.5	12	AAA x 6
LCS145H-M2-□□	96	35	145	75	124	71.1	27.5	22.5	12	AA x 2
LCS145H-M4-□□	96	35	145	75	124	71.1	27.5	22.5	12	AA x 4
LCS165 -N -□□	80	27	165	62	147	59.1	19.5	13.5	13	None
LCS165 -M4-□□	80	27	165	62	147	59.1	19.5	13.5	13	AA x 4
LCS165H-N -□□	80	35	165	62	147	59.1	27.5	21.5	13	None
LCS165H-M4-□□	80	35	165	62	147	59.1	27.5	21.5	13	AA x 4

LCT • LCS (Case only) / LC • LCE Dimensions

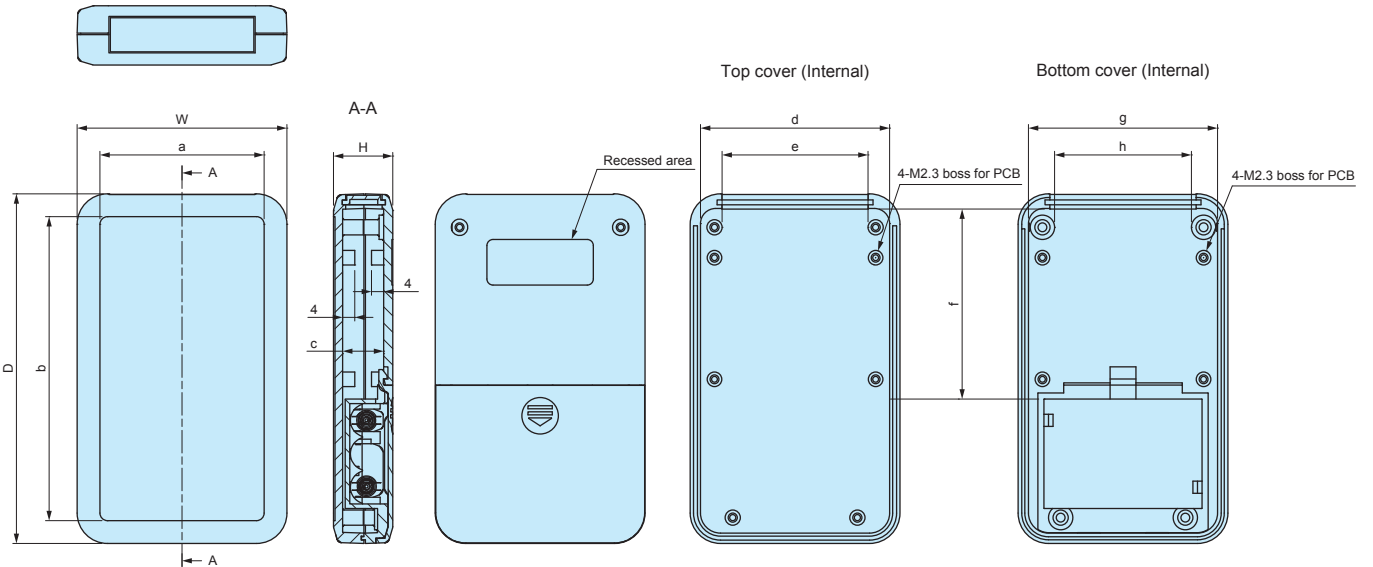
■ Drawings below are reference examples only.
DXF/DWG/PDF drawings available on our website.

LC / LCE / LCS / LCT115-N
LC / LCE / LCS / LCT115H-N



Product no.	W	H	D	a	b	c	d	e	f	g	h	i
LC • LCE • LCS • LCT115 -N	69	19.5	115	54	100	13.5	61.5	47	106.1	61.6	44	106.1
LC • LCE • LCS • LCT115H-N	69	28	115	54	100	22	60.9	47	105.5	61.5	44	106.1

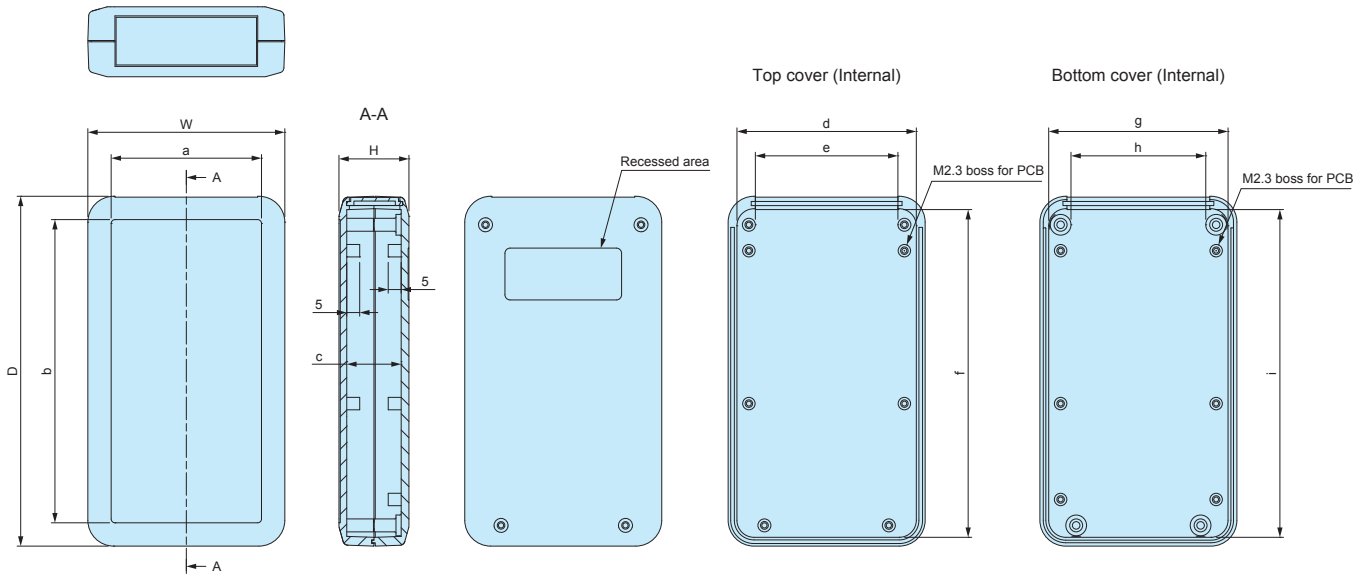
LC / LCS / LCT115-F2 • LC / LCS / LCT115H-F2
LC / LCS / LCT115-F3 • LC / LCS / LCT115H-F3
LC / LCS / LCT115H-M2 • LC / LCS / LCT115H-9V



Product no.	W	H	D	a	b	c	d	e	f	g	h
LC • LCS • LCT115 -F2	69	19.5	115	54	100	13.5	61.5	47	73.3	61.6	44
LC • LCS • LCT115 -F3	69	19.5	115	54	100	13.5	61.5	47	62.3	61.6	44
LC • LCS • LCT115H-F2	69	28	115	54	100	22	60.9	47	73.3	61.6	44
LC • LCS • LCT115H-F3	69	28	115	54	100	22	60.9	47	62.3	61.6	44
LC • LCS • LCT115H-M2	69	28	115	54	100	22	60.9	47	65.1	61.6	44
LC • LCS • LCT115H-9V	69	28	115	54	100	22	60.9	47	66	61.6	44

LC / LCE / LCS / LCT135-N
LC / LCS / LCT135H-N

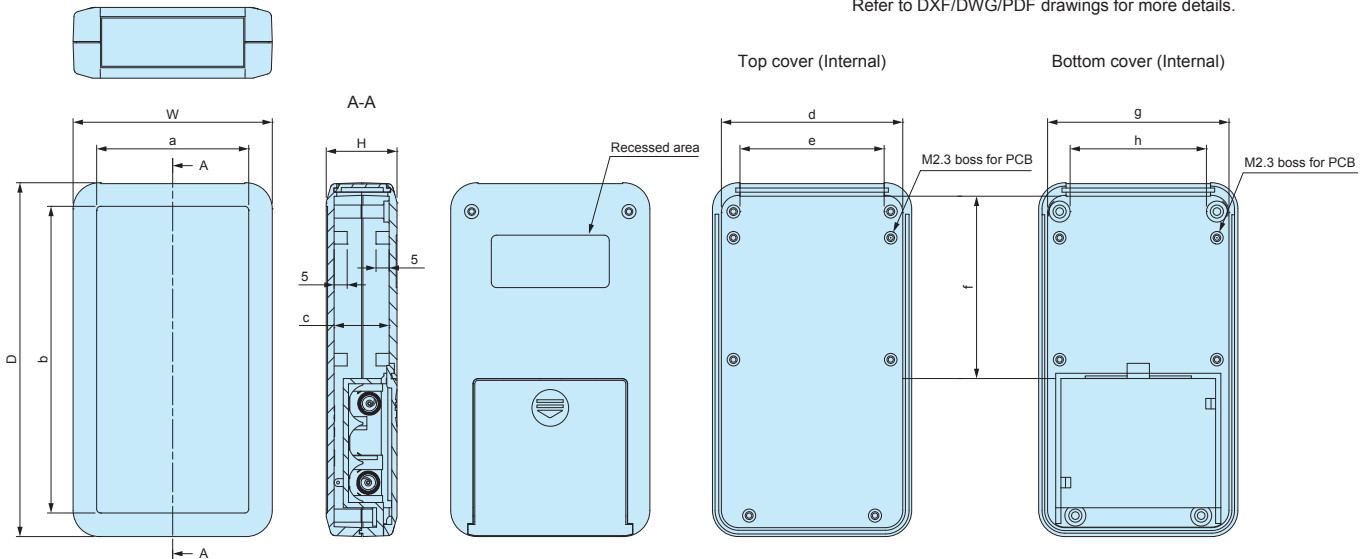
※ Number of PCB bosses vary by model.
Refer to DXF/DWG/PDF drawings for more details.



Product no.	W	H	D	a	b	c	d	e	f	g	h	i
LC • LCE • LCS • LCT135-N	76	27	135	58	117	21	68.2	55	125.8	68.3	51	125.9
LC • LCS • LCT135H-N	76	35	135	58	117	29	67.7	54	125.3	68.3	51	125.9

LC / LCS / LCT135-F4 • LC / LCS / LCT135H-F4 • LC / LCS / LCT135-M2 • LC / LCS / LCT135H-M2
LC / LCS / LCT135-M3 • LC / LCS / LCT135H-M3 • LC / LCS / LCT135-9V • LC / LCS / LCT135H-9V

※ Number of PCB bosses vary by model.
Refer to DXF/DWG/PDF drawings for more details.

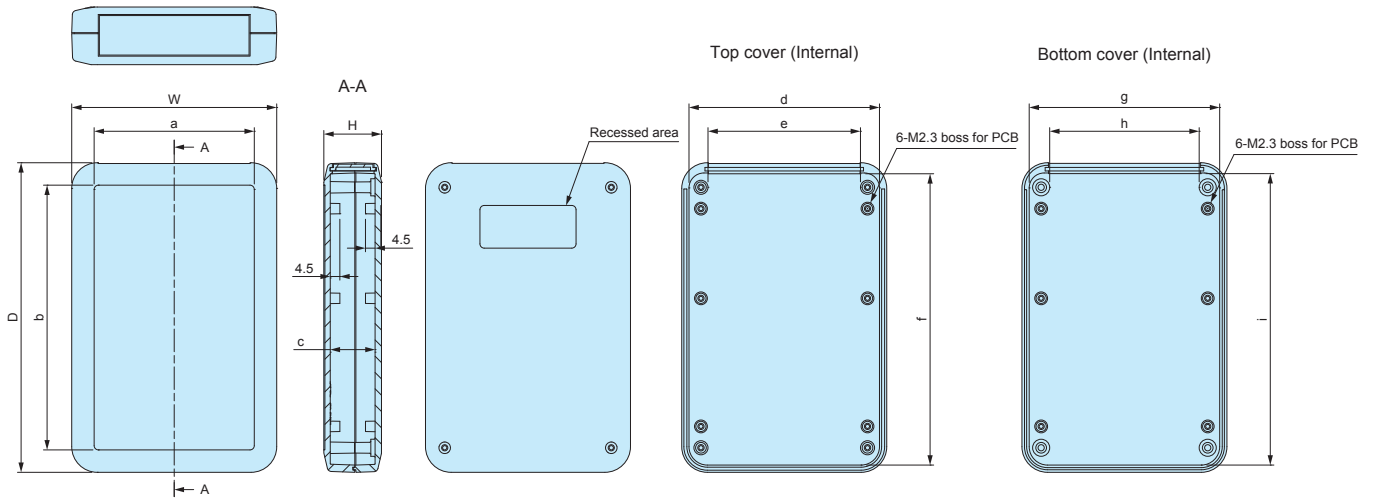


Product no.	W	H	D	a	b	c	d	e	f	g	h
LC • LCS • LCT135 -F4	76	27	135	58	117	21	68.2	55	69.4	68.3	51
LC • LCS • LCT135 -M2	76	27	135	58	117	21	68.2	55	84.5	68.3	51
LC • LCS • LCT135 -M3	76	27	135	58	117	21	68.2	55	69.4	68.3	51
LC • LCS • LCT135 -9V	76	27	135	58	117	21	68.2	55	84.5	68.3	51
LC • LCS • LCT135H-F4	76	35	135	58	117	29	67.7	54	69.4	68.3	51
LC • LCS • LCT135H-M2	76	35	135	58	117	29	67.7	54	84.5	68.3	51
LC • LCS • LCT135H-M3	76	35	135	58	117	29	67.7	54	69.4	68.3	51
LC • LCS • LCT135H-9V	76	35	135	58	117	29	67.7	54	84.5	68.3	51

LCT • LCS (Case only) / LC • LCE Dimensions

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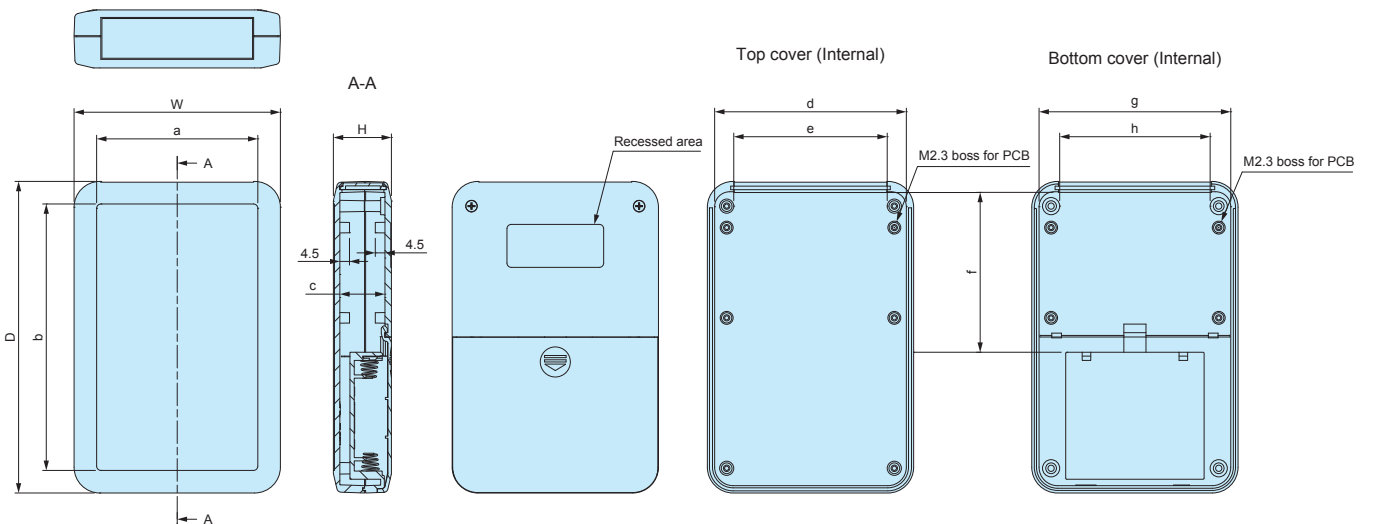
LC / LCS / LCT145S-N
LC / LCS / LCT145-N
LC / LCE / LCS / LCT145H-N



Product no.	W	H	D	a	b	c	d	e	f	g	h	i
LC • LCS • LCT145S-N	96	20	145	75	124	14	88.3	71.4	135.9	87.9	68.9	135.5
LC • LCS • LCT145 -N	96	27	145	75	124	21	87.8	71.4	135.4	87.9	68.9	135.5
LC • LCE • LCS • LCT145H-N	96	35	145	75	124	29	87.2	71	134.8	87.9	68.9	135.5

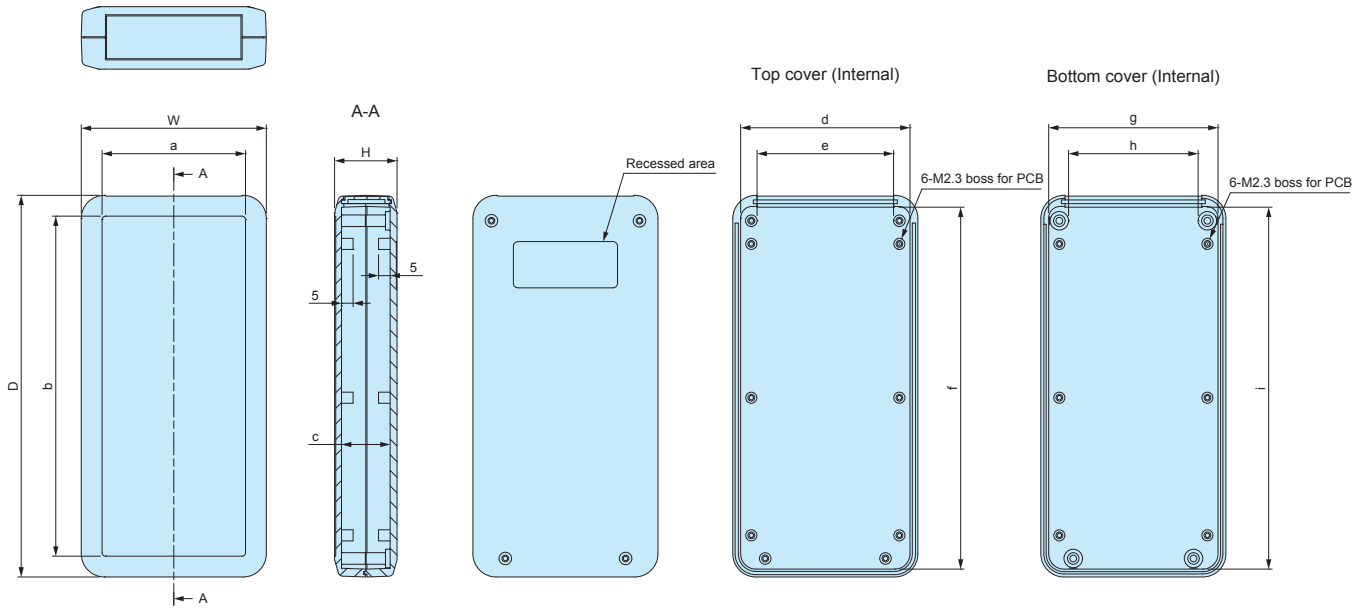
LC / LCS / LCT145S-F6 • LC / LCS / LCT145-F6 • LC / LCS / LCT145H-F6
LC / LCS / LCT145-M2 • LC / LCS / LCT145H-M2
LC / LCS / LCT145-M4 • LC / LCS / LCT145H-M4

※ Number of PCB bosses vary by model.
Refer to DXF/DWG/PDF drawings for more details.



Product no.	W	H	D	a	b	c	d	e	f	g	h
LC • LCS • LCT145S -F6	96	20	145	75	124	14	88.3	71.4	78.4	87.9	68.9
LC • LCS • LCT145 -F6	96	27	145	75	124	21	87.8	71.4	78.4	87.9	68.9
LC • LCS • LCT145 -M2	96	27	145	75	124	21	87.8	71.4	97.4	87.9	68.9
LC • LCS • LCT145 -M4	96	27	145	75	124	21	87.8	71.4	74	87.9	68.9
LC • LCS • LCT145H -F6	96	35	145	75	124	29	87.2	71	78.4	87.9	68.9
LC • LCS • LCT145H-M2	96	35	145	75	124	29	87.2	71	97.4	87.9	68.9
LC • LCS • LCT145H-M4	96	35	145	75	124	29	87.2	71	74	87.9	68.9

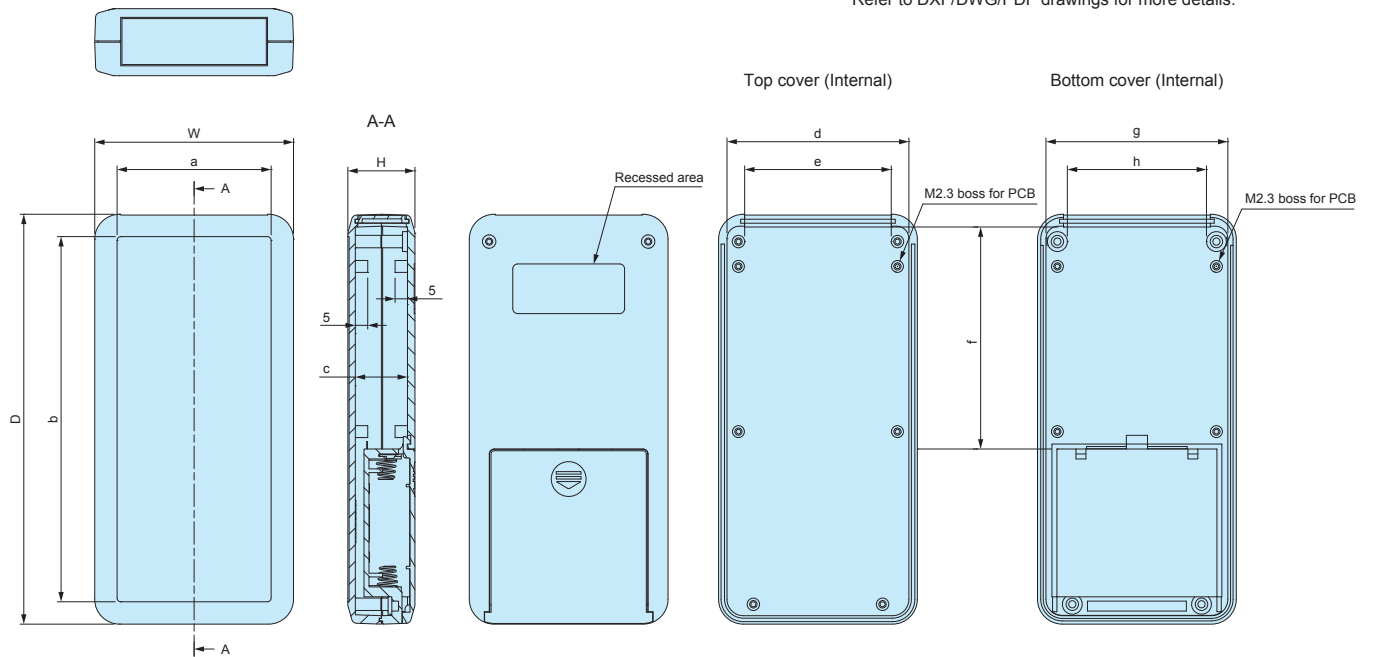
LC / LCS / LCT165-N
 LC / LCE / LCS / LCT165H-N



Product no.	W	H	D	a	b	c	d	e	f	g	h	i
LC • LCS • LCT165-N	80	27	165	62	147	21	72.2	58	155.8	72.3	55	155.9
LC • LCE • LCS • LCT165H-N	80	35	165	62	147	29	71.7	58	155.3	72.3	55	155.9

LC / LCS / LCT165-M4
 LC / LCS / LCT165H-M4

※ Number of PCB bosses vary by model.
 Refer to DXF/DWG/PDF drawings for more details.



Product no.	W	H	D	a	b	c	d	e	f	g	h
LC • LCS • LCT165 -M4	80	27	165	62	147	21	72.2	58	89.2	72.3	55
LC • LCS • LCT165H-M4	80	35	165	62	147	29	71.7	58	89.2	72.3	55

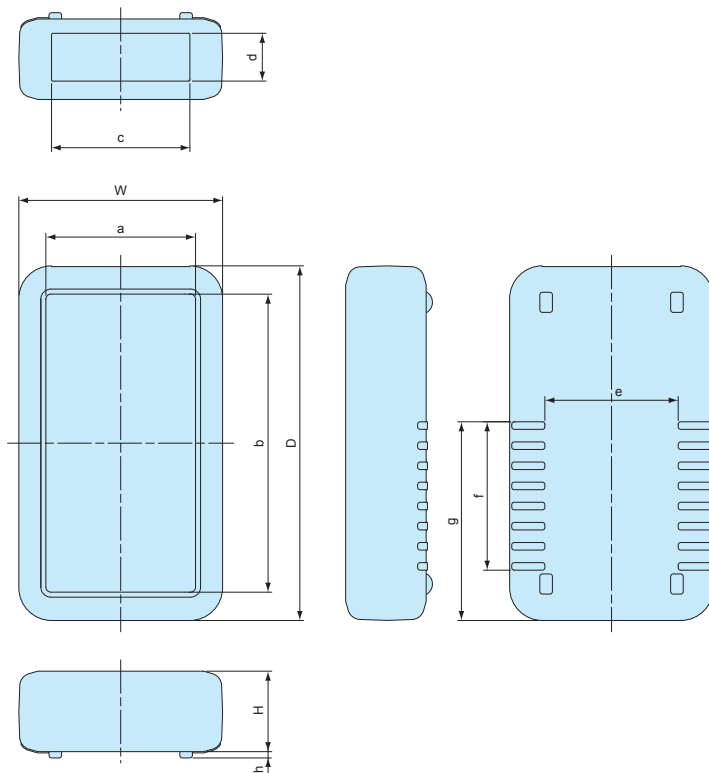
LCSC SERIES

SILICONE COVER

Color Type



- Silicone cover for LC Series.
- Custom color is available from 500pcs per order batch. For custom color order, please specify **PANTONE®**, RGB color number or provide your sample color.
- Drawings below are reference examples only. DXF/DWG/PDF drawings available on our website.



APPLICATION EXAMPLE

TEMPERATURE SURVEILLANCE SENSOR

Product by SENFIO (Brazil)



Components

Part name	Material	Color
Silicone cover	Silicone	Red • Yellow • Green • Blue • Navy • Dark gray • Light gray

Product no. / Dimensions

■ Please suffix color code at the end of the product number.

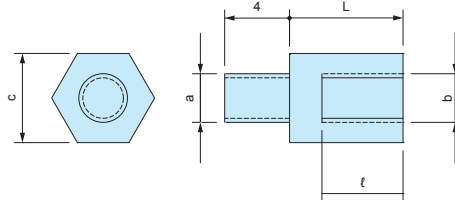
Product no.	W	H	D	a	b	c	d	e	f	g	h	Suitable case	Weight (g)
LCSC115 -□	74	24	120	55.5	101.5	48.3	12	46	44.5	60.5	2	LC115	43
LCSC115H-□	74	32.5	120	55.5	101.5	48.3	20.5	46	44.5	60.5	2	LC115H	50
LCSC135 -□	81	32	141	59.5	118.5	55	19	53	59	79	2.5	LC135	70
LCSC135H-□	81	40	141	59.5	118.5	55	27	53	59	79	2.5	LC135H	75.5
LCSC145S-□	101	25	151	76.5	125.5	71	12	71	59	81	2.5	LC145S	73.4
LCSC145 -□	101	32	151	76.5	125.5	71	19	71	59	81	2.5	LC145	81
LCSC145H-□	101	40	151	76.5	125.5	71	27	71	59	81	2.5	LC145H	89
LCSC165 -□	85	32	171	63.5	148.5	59	19	53	67	92	2.5	LC165	82.5
LCSC165H-□	85	40	171	63.5	148.5	59	27	53	67	92	2.5	LC165H	86

TPS SERIES

TAPPING STANDOFF



- Tapping screw head allows for easy installation onto existing enclosure boss mount.
- 3 different sizes available : M2.3, M2.6 and M3 size.



Product no. / Dimensions

■ Material / Finish : Brass / Unfinished

Product no.	Screw size (a)	Screw size (b)	c	L	ℓ	Pack of	Recommended enclosure models
TPS-M2.3-4	M2.3	M2.3	5	4	3	4	WH series • PFE series LC • LCE • LCS • LCT series PF • PFF series (M2.3 boss models) TW • TWN • TWF series (M2.3 boss models) WP series (M2.3 boss models)
TPS-M2.3-5	M2.3	M2.3	5	5	3	4	
TPS-M2.3-6	M2.3	M2.3	5	6	4	4	
TPS-M2.3-7	M2.3	M2.3	5	7	5	4	
TPS-M2.3-8	M2.3	M2.3	5	8	6	4	
TPS-M2.3-10	M2.3	M2.3	5	10	6	4	
TPS-M2.3-12	M2.3	M2.3	5	12	6	4	PF • PFF series (M2.6 boss models) WP series (M2.6 boss models)
TPS-M2.6-4	M2.6	M2.6	5	4	3	4	
TPS-M2.6-5	M2.6	M2.6	5	5	3	4	
TPS-M2.6-7	M2.6	M2.6	5	7	5	4	
TPS-M2.6-10	M2.6	M2.6	5	10	6	4	SU • OP series TWS • TW • TWN • TWF series (M3 boss models)
TPS-M2.6-12	M2.6	M2.6	5	12	6	4	
TPS-M3-4	M3	M3	5.5	4	3	4	
TPS-M3-5	M3	M3	5.5	5	3	4	
TPS-M3-6	M3	M3	5.5	6	4	4	
TPS-M3-7	M3	M3	5.5	7	5	4	
TPS-M3-8	M3	M3	5.5	8	5	4	
TPS-M3-10	M3	M3	5.5	10	6	4	
TPS-M3-12	M3	M3	5.5	12	6	4	



- Please use a suitable sized socket driver to both secure and loosen the tapping standoff.



MT SERIES

PCB MOUNTING SCREWS for TPS



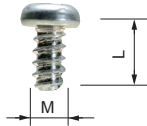
- PCB mounting Screws for TPS tapping standoffs.

Product no. / Dimensions

Product no.	M	L	Head style	Material	Finish	Pack of
NEW MT2.3-4	2.3	4	Pan	Steel	Trivalent chromate	20
NEW MT2.3-6	2.3	6		Steel	Trivalent chromate	20
NEW MT2.6-4	2.6	4		Steel	Trivalent chromate	20
MT3-4	3	4		Steel	Trivalent chromate	20

EM SERIES

PCB MOUNTING SCREW



- Self-tapping screws for mounting PCB on bosses or standoffs.
- EM-3-6 self-tapping screws are suitable for mounting 1.6mm or thicker PCB.

Product no. / Dimensions

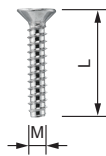
Product no.	M	L	Material	Finish	Suitable enclosures	Pack of
EM-1.6	1.6	4	Steel	Trivalent chromate	WC • CSS • CS • PS (M1.6 size)	50
EM-2	2	5	Steel	Trivalent chromate	PS • TW • TWN • TWF • WP (M2 size)	50
EM-2.3	2.3	6	Steel	Trivalent chromate	WH • LC • LCT • LCS • LCE • PFE WSC (Top cover bosses) PF • PFF (M2.3 size) TW • TWN • TWF (M2.3 size) WP (M2.3 size)	50
NEW EM-2.3-8	2.3	8	Steel	Trivalent chromate	WSC (Bottom base bosses)	50
EM-2.6	2.6	6	Steel	Trivalent chromate	PF • PFF • WP (M2.6 size)	50
EM-3	3	5	Steel	Trivalent chromate	SU TWS • TW • TWN • TWF (M3 sizes)	50
EM-3-6	3	6	Steel	Trivalent chromate		50

MR SERIES

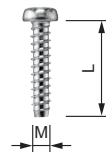
TORX SCREW



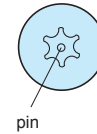
Countersunk head



Pan head



With pin



★ Without pin



★ : MR1.6-6S, MR-2S, MR2.6-10□, and MR3-14□ are without pin.

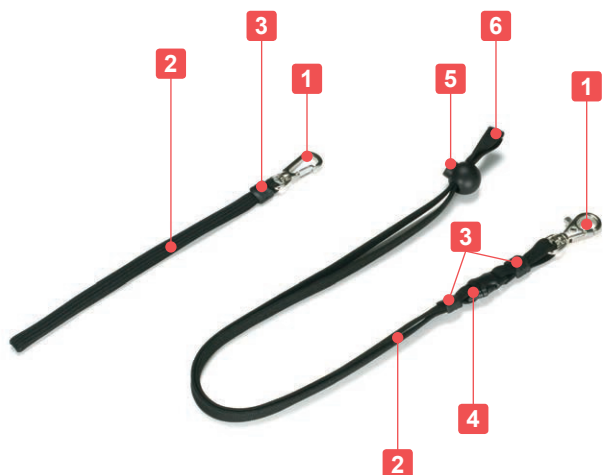
Product no. / Dimensions

★Mark = Without pin

Product no.	M	L	head no.	Head style	Material	Finish	Suitable enclosures	Pack of
MR1.6-6S★	1.6	6	T3	Pan	Steel	Nickel plated	CS • CSS	20
MR2.5-8PS	2.5	8	T8	Pan	Steel	Nickel plated	PF • PFE • PFF (M2.5 size)	20
MR2.6-10S★	2.6	10	T8	Countersunk	Steel	Nickel plated	TW • TWN (M2.6 models) TWF (M2.6 models)	20
MR2.6-10B★	2.6	10	T8	Countersunk	Steel	Black trivalent chromate	MX • MXA • MXB • MXF (M2.6 models)	20
MR2.6-12PS	2.6	12	T8	Pan	Steel	Nickel plated	LCT • LCS • LC115-F2 / F3 LCT • LCS • LC145S-F6	20
MR2.6-14PS	2.6	14	T8	Pan	Steel	Nickel plated	LCT • LCS • LC115H-F2 / F3 / M2 / 9V LCT • LCS • LC135-F4 / M2 / M3 / 9V LCT • LCS • LC135H-F4 / M2 / M3 / 9V LCT • LCS • LC145-F6 / M2 / M4 LCT • LCS • LC145H-F6 / M2 / M4 LCT • LCS • LC165-M4 LCT • LCS • LC165H-M4	20
MR2.6-14S	2.6	14	T8	Countersunk	Steel	Nickel plated	LCT • LCS • LC115-N / F2 / F3 LCT • LCS • LC145S-F6 / 145S-N LCE115-N TW • TWN7-2-11 / 7-4-11 / 7-5-11 TWF7-2-11 / 7-4-11 / 7-5-11 / 8-2-8 / 8-4-8	20
MR2.6-18S	2.6	18	T8	Countersunk	Steel	Nickel plated	LCT • LCS • LC115H-N / F2 / F3 / M2 / 9V LCT • LCS • LC135-N / F4 / M2 / M3 / 9V LCT • LCS • LC135H-N / F4 / M2 / M3 / 9V LCT • LCS • LC145-N / F6 / M2 / M4 LCT • LCS • LC145H-N / F6 / M2 / M4 LCT • LCS • LC165-N / M4 LCT • LCS • LC165H-N / M4 LCE115H-N • LCE135-N • LCE145H-N • LCE165H-N	20
MR3-8PS	3	8	T10	Pan	Steel	Nickel plated	PF • PFE • PFF (M3 size)	20
MR3-14S★	3	14	T10	Countersunk	Steel	Nickel plated	TW • TWN (M3 models) TWF (M3 models)	20
MR3-14B★	3	14	T10	Countersunk	Steel	Black trivalent chromate	MX • MXA • MXB • MXF (M3 models)	20
MR-1S	3	5	T10	Countersunk	Steel	Nickel plated	UC	20
MR-1B	3	5	T10	Countersunk	Steel	Black trivalent chromate	UC • UCY • US	20
MR-2S	3	10	T10	Countersunk	Steel	Nickel plated	HEN	20

STP SERIES

STRAP

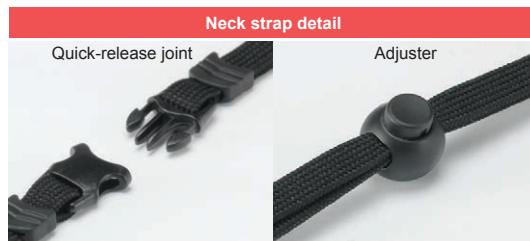


Wrist strap (STP-200)

Neck strap (STP-450)



- Strap with a metal hook
- Recommended to be used with CR key ring.



■ Only the neck strap has a joint and an adjuster.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Metal hook	1	Diecast zinc & steel	Nickel plated
2	Strap	1	Nylon / Polyester	Black
3	Cap	1 / 2	Polyurethane / Elastomer	Black
4	Joint (Neck strap only)	1	Polyacetal	Black
5	Adjuster (Neck strap only)	1	Nylon	Black
6	Clamp (Neck strap only)	1	PE	Black

Product no. / Dimensions

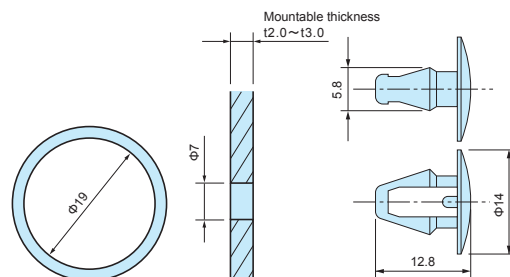
Product no.	Strap width	Strap length	Strap material	Cap material
STP-200	8	200	Nylon	Polyurethane x 1
STP-450	10	450	Polyester	Elastomer x 2

CR-20

KEY RING



- Hole milling is required for case installation.



Components

Part name	Material	Color / Finish
Ring	SWRM 6 Steel	Nickel plated
Insert clip	Nylon	Black

Product no. / Dimensions

Product no.	Ring Φ	Installation hole	Mounting thickness
CR-20	φ19	φ7	t2.0 ~ t3.0