

PS series PORTABLE PLASTIC CASE

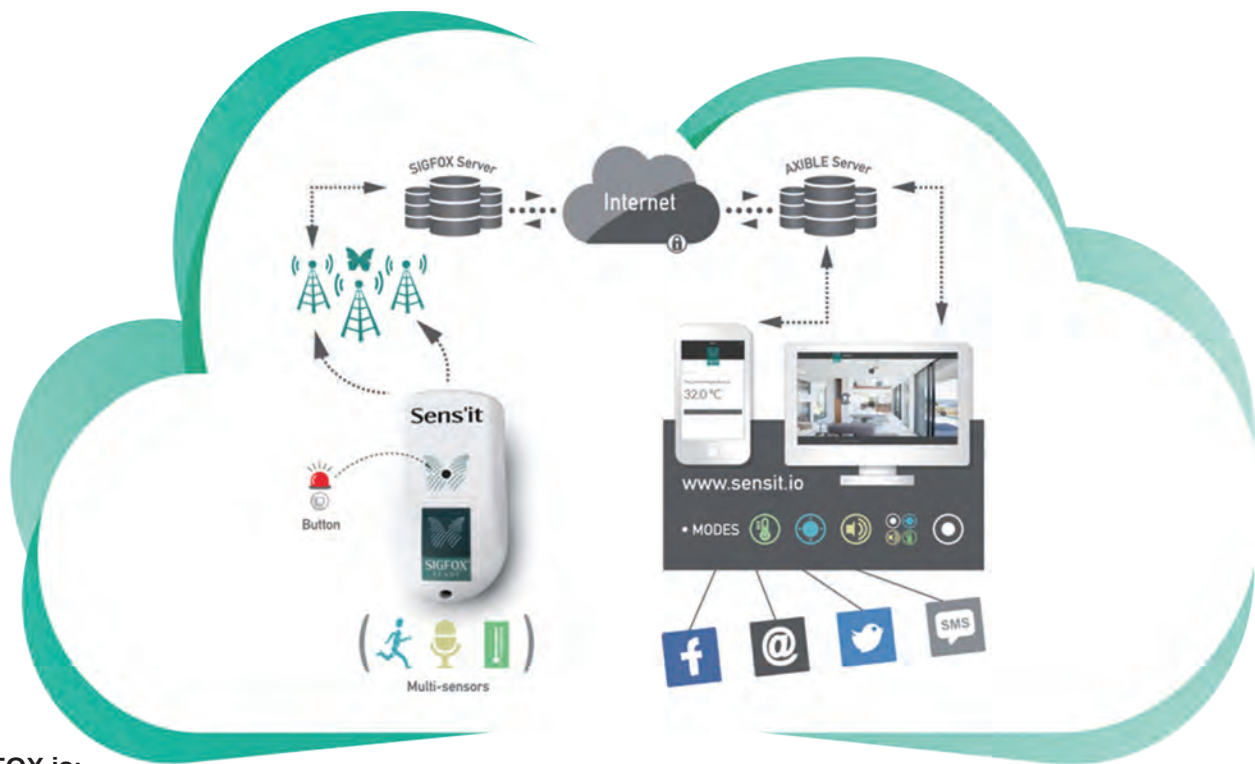
Suitable for wireless device, remote controller, key fob, and more.

Available in 4 different sizes with 4 selectable colors.

Portable SIGFOX Multi-Sensor System



Multi-sensor system which detects motion, temperature, humidity and sound. Warnings are sent to the owner, or 3rd parties via SMS, X (Twitter) or Facebook when events such as a home invasion, or when a fire occurs.



SIGFOX is:

A French company that builds wireless ultra-narrow band (UNB) networks, for the connection of low-energy consumption devices such as electricity meters, smart-watches, and washing machines, which needs to be continuously on and emitting small amounts of data. This wireless network technology, which is aimed at the Internet of Things (IoT), is starting to gain popularity and rolling out in the fields such as housing, automobiles, transportation and logistics, smart city connectivity, healthcare, and so on.

GPS Tracker Tag (via SIGFOX Network)



Example: Locating your car in a large parking area

APPLICATION EXAMPLE

Remote Controller for Undercover Investigation



Re-Mote Suite-IoT Development Platform



Beacon Receiver



GPS Tracker with Temperature Data Logger



Portable Radiation Detector



Remote Controller for Metal Sensor Reel



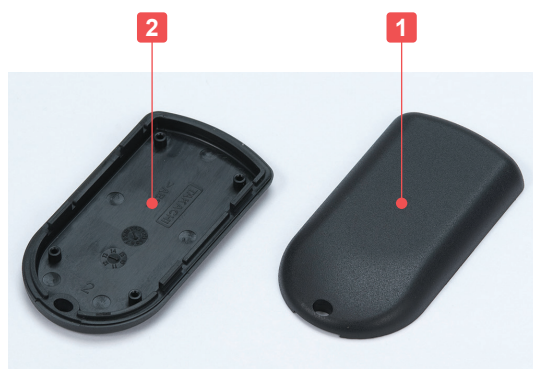
LPWA Receiver





Technical Data

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



- Simple snap-in case without screws.
- Comfortable shape and hold.
- 4 different colors are available for selection.
- Suitable for use as a wireless device, remote control, key fob etc.
- Designed with an easily accessible hole for strap attachment.

Components

No.	Part name	Material	Color / Finish
1	Rounded cover	ABS UL94HB	White • Black • Cobalt • Green
2	Flat cover	ABS UL94HB	White • Black • Cobalt • Green

Product no. / Details

Product no.				Dimensions			Weight (g)
● White	● Black	● Cobalt	● Green	W	H	D	
PS- 50W	PS- 50B	PS- 50C	PS- 50G	50	14	50	9
PS- 65W	PS- 65B	PS- 65C	PS- 65G	35	11	65	9
PS- 85W	PS- 85B	PS- 85C	PS- 85G	48	15	85	20
PS-100W	PS-100B	PS-100C	PS-100G	58	18	100	27

Accessories (Optional parts)



PCB mounting screw EM-1.6
See page 398



Strap STPS series
See page 34

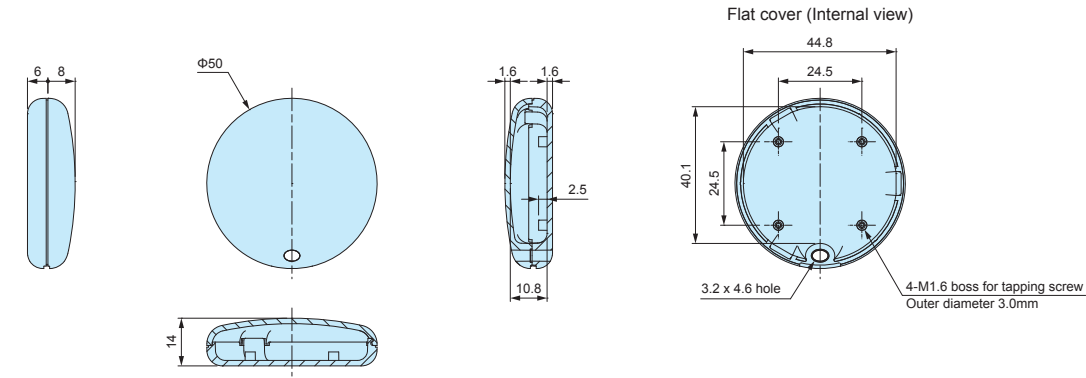


Neodymium magnet NMG series
See page 392

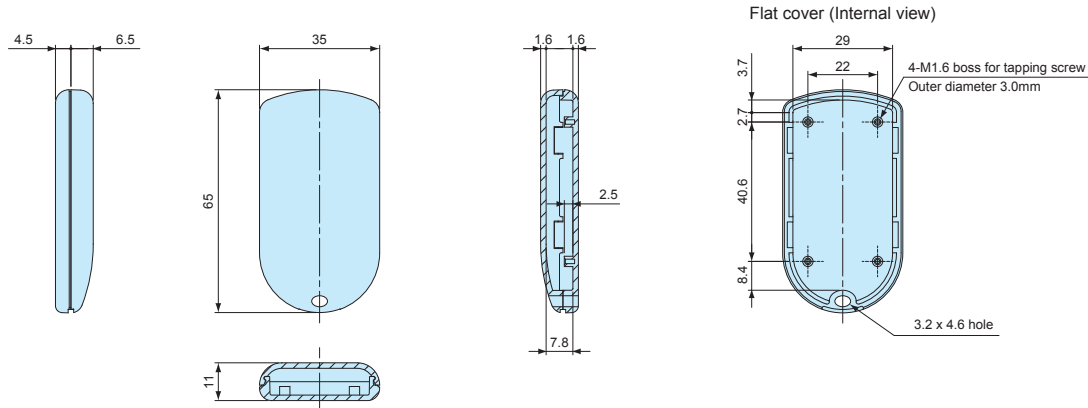
PS dimensions

■ DXF/DWG/PDF/STP drawings available on our website.

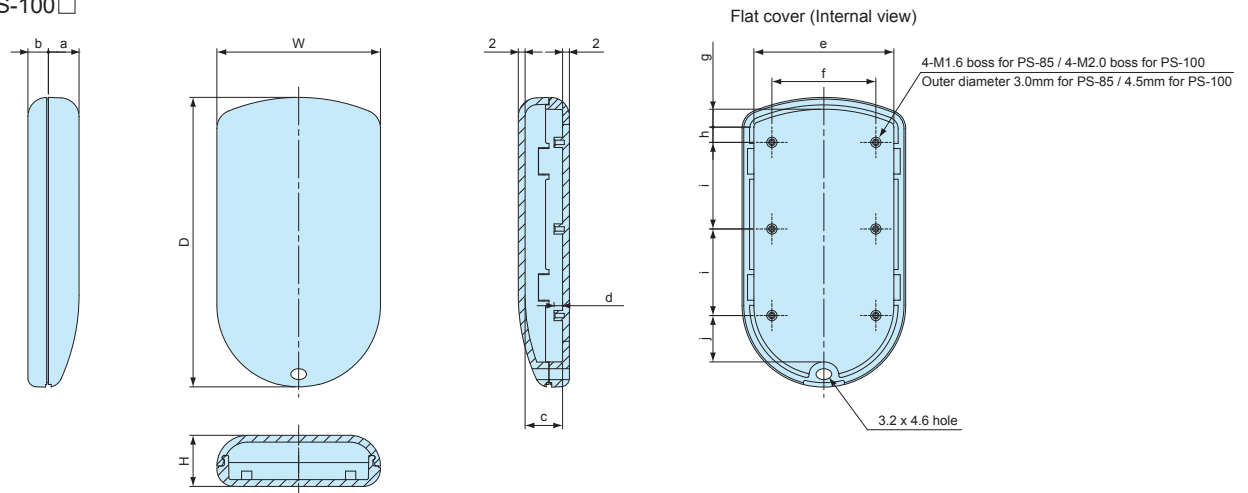
PS-50□



PS-65□

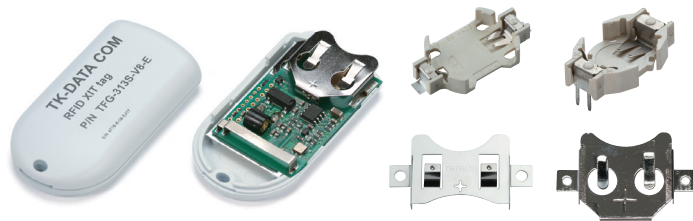


PS-85□ / PS-100□



Product no.	W	H	D	a	b	c	d	e	f	g	h	i	j
PS- 85□	48	15	85	9	6	11	2.5	41.1	33	5.3	4.5	25.4	13.6
PS-100□	58	18	100	11.5	6.5	14	4	51.2	40	6.4	4.2	29	20.4

Accessories (Optional parts) - coin cell battery holders



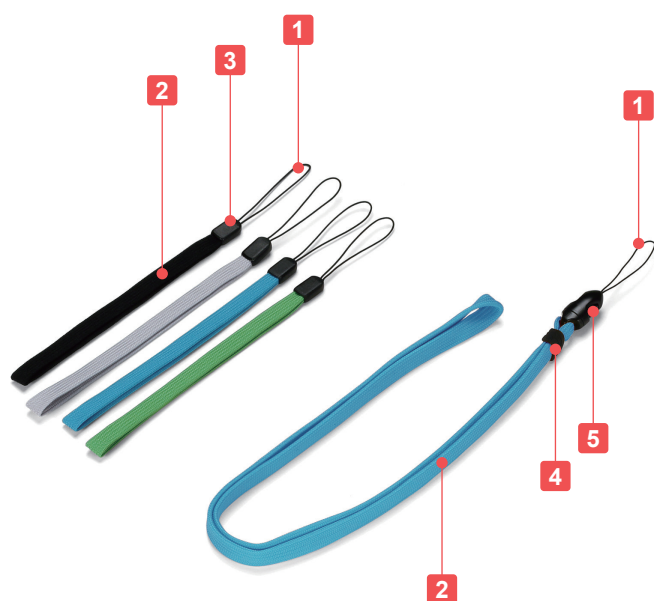
- Various coin cell battery holders can be utilized.
See coin cell battery holders on our website for more details.
Refer to the chart for compatible holders.
- Chart on the right is based upon mounting onto a 1.0mm thick PCB.
- Please note that depending on the mounting location, PCB may not be able to be properly affixed on.

COMPATIBLE COIN CELL BATTERY HOLDERS CHART

Product no.	Compatible coin cell battery holders
PS- 50□	SMTU1220(G) / 1225 / 1632(G) / 2-2016 / 2032(G) PB621 / SMTM1632 / 2032 BK-879 / 5067 / 888
PS- 65□	BK-879 / 5091 / 5067 / 888 PB621 / SMTM1225 / 1632 / 2032
PS- 85□	PB621 / SMTM1632 / 2032 BK-879 / 5091 / 5067 / 888 SMTU1220(G) / 1225 / 1632(G) / 2-2016 / 2032(G) / 2430
PS-100□	PB621 / SMTM1632 / 2032 BK-879 / 5091 / 5067 / 888 SMTU1220(G) / 1225 / 1632(G) / 2-2016 / 2032(G) / 2430 / 2450 BCR20H4 / BCR20H5

STPS series

STRAP



APPLICATION EXAMPLE

Wrist strap (STPS-140G)



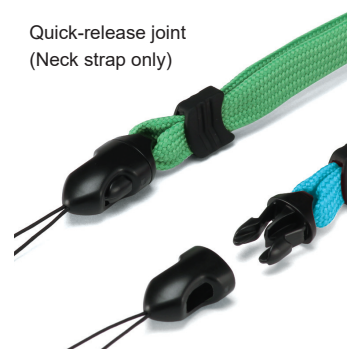
Neck strap (STPS-450C)



- Colorful and sturdy straps best used with CSS, CS, PS, and WC series.
- Wrist and Neck straps are available in 4 unique colors.
- Neck strap comes with a quick-release joint, making removal and attachment quick and easy.

Color Type

Code	G Green	C Cyan	L Light gray	B Black
Color				

Quick-release joint
(Neck strap only)

Components

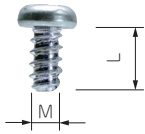
No.	Part name	Material	Color
1	String	Polyester	Black
2	Strap	Polyester	Green • Cyan • Light gray • Black
3	Cap (wrist strap only)	ABS	Black
4	Clamp (neck strap only)	Elastomer	Black
5	Joint (neck strap only)	Polyacetal	Black

Product no. / Details

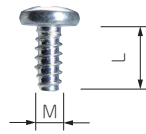
Product no.				Strap width	Strap length
● Green	● Cyan	● Light gray	● Black		
STPS-140G	STPS-140C	STPS-140L	STPS-140B	8	140
STPS-450G	STPS-450C	STPS-450L	STPS-450B	10	450

EM series**PCB MOUNTING SCREW**

Pan head



Bind head



- 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.

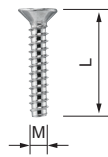
Product no. / Details

■ Material / Finish : Steel / Trivalent chromate

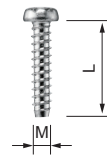
Product no.	M	L	Head type	Suitable models	Pack of
EM-1.6	1.6	4	Pan	SMW • CSS • CS SIC • SIM • WC • PS (M1.6 boss models)	50
EM-2	2	5	Pan	PS • TW • TWN • TWF SIC • SIM • PF • WC • WP (M2 boss models)	50
NEW EM-B2	2	5	Bind	SIC • SIM (M2 boss models) SIC • SIM6-12-□ (when installing PCB46-101)	50
EM-2.3	2.3	6	Pan	DRC • WH • LC • LCT • LCS • LCE • PFE WSC (Top cover bosses) PF • PFF (M2.3 boss models) TW • TWN • TWF (M2.3 boss models) WP (M2.3 boss models)	50
EM-2.3-8	2.3	8	Pan	WSC (Bottom base bosses)	50
EM-2.6	2.6	6	Pan	PF • PFF • WP (M2.6 boss models)	50
EM-3	3	5	Pan	SU • OP	50
EM-3-6	3	6	Pan	TWS • TW • TWN • TWF (M3 boss models)	50

MR series**TORX SCREW**

Flat head



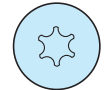
Pan head



With pin



★ Without pin



- Self-tapping torx screws for securing of the enclosure.

★ : MR1.6-6S, MR2.6-10□, MR3-5Z□ and MR3-14□ are without pin.

Product no. / Details

★ Mark = Without pin

Product no.	M	L	Head no.	Head style	Material	Finish	Suitable models	Pack of
MR1.6-6S★	1.6	6	T3	Pan	Steel	Nickel plated	CSS • CS	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	Flat	Steel	Nickel plated	TW • TWN (M2.6 size)	20
MR2.6-10B★	2.6	10	T8	Flat	Steel	Black trivalent chromate	TWF (M2.6 size)	20
MR2.6-12PS	2.6	12	T8	Pan	Steel	Nickel plated	MX • MXA • MXB • MXF (M2.6 size)	20
MR2.6-14PS	2.6	14	T8	Pan	Steel	Nickel plated	LCT • LCS • LC115-F2 / F3 LCT • LCS • LC145S-F6	20
MR2.6-14S	2.6	14	T8	Flat	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
MR2.6-18S	2.6	18	T8	Flat	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
MR-1S	3	5	T10	Flat	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
MR-1B	3	5	T10	Flat	Steel	Black trivalent chromate	UC	20
MR3-5ZS★	3	5	T10	Slotted raised countersunk	Steel	Nickel plated	FC • HY • HYR • HYRH (M3 size)	20
MR3-5ZB★	3	5	T10	Flat	Steel	Black trivalent chromate	CF	20
MR3-8PS	3	8	T10	Pan	Steel	Nickel plated	PF • PFE • PFF (M3 size)	20
MR3-14S★	3	14	T10	Flat	Steel	Nickel plated	TW • TWN (M3 size)	20
MR3-14B★	3	14	T10	Flat	Steel	Black trivalent chromate	TWF (M3 size) MX • MXA • MXB • MXF (M3 size)	20

NMG series**NEODYMIUM MAGNET****Round magnet**

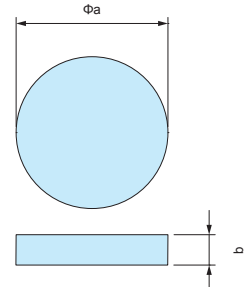
■ DXF/DWG/PDF drawings available on our website.



- Material / Finish: Neodymium / Nickel plated
- Please attach using a strong adhesive.

Product no. / Details

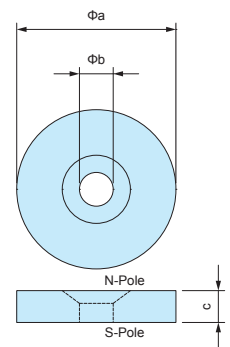
Product no.	a	b	Weight (g)	Flux Density	Absorption
NMG3-15N	15	3	4	214.4 mT	2.44 kgf
NMG3-20N	20	3	7.1	170.7 mT	3.26 kgf
NMG5-22N	22	5	11.4	247.2 mT	5.91 kgf
NMG5-25N	25	5	18.4	221.9 mT	6.89 kgf

NMG dimensions**Round magnet with countersunk hole**

- Please fasten with a screw.

**Product no. / Details**

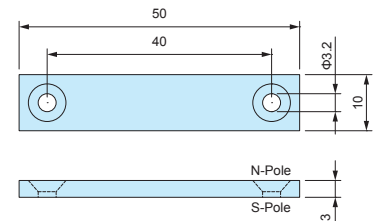
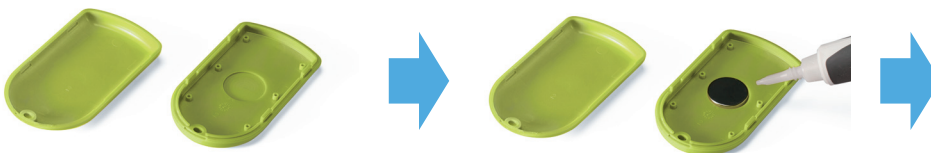
Product no.	a	b	c	Countersunk size	Weight (g)	Flux Density	Absorption
NMG3-15M3	15	3.2	3	M3	3.8	214.3 mT	2.33 kgf
NMG3-20M3	20	3.2	3	M3	6.9	170.6 mT	3.17 kgf
NMG5-22M4	22	4.3	5	M4	13.7	247.2 mT	5.68 kgf
NMG5-25M5	25	5.3	5	M5	17.6	221.9 mT	6.58 kgf

**Rectangular magnet with countersunk holes**

- Please fasten with a screw.

**Product no. / Details**

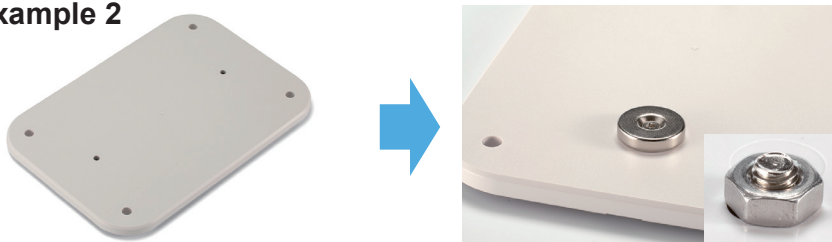
Product no.	a	b	c	Countersunk size	Weight (g)	Flux Density	Absorption
NMG3-50M3	50	10	3	M3	11.3	210.0 mT	9.1 kgf

**Example 1** The magnetic force remains strong even through plastic.

Make recessed pocket on the inside wall.

Glue on.

Attach onto a metallic surface.

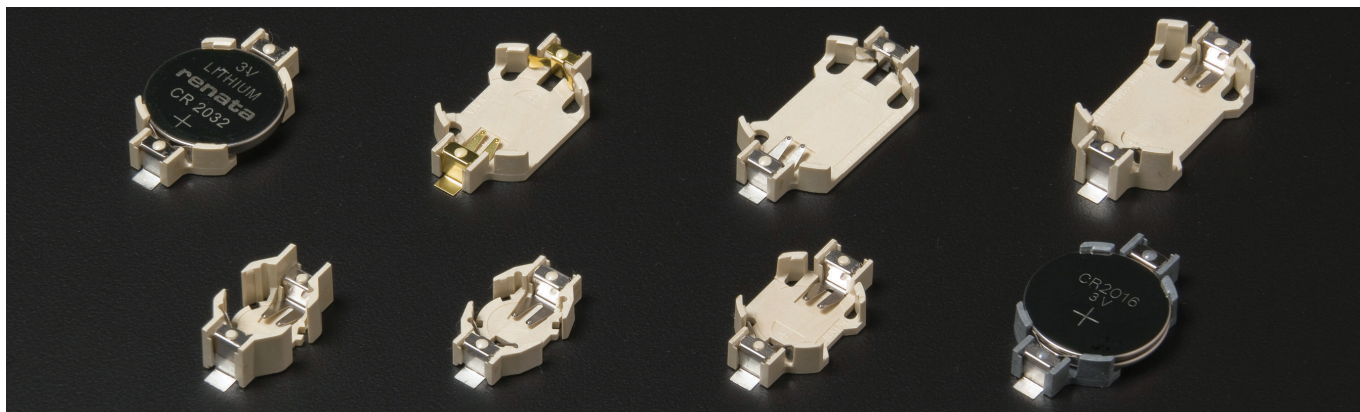
Example 2

Make holes

Fasten with a screw and nut.

Attach onto a metallic surface.

CAUTION: Handle with care to avoid personal injury or damage to the magnet.

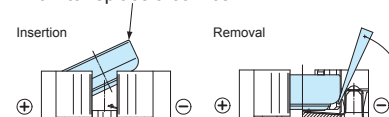


- Coin cell holder for 9 different coin cell types.
- Surface mount type with compact body.
- Heat resistant glass fiber filled LCP for lead free reflow soldering.
- Tape reel packages (-TR models) are available for bulk purchase.
- SMTU1220-G, SMTU1632-G and SMTU2032-1-G are gold plated models.

Technical Data

Operating temperature: -40°C ~ +100°C

How to replace a coin cell.



Components

Holder material	Holder color	Contact material	Contact finish
Glass fiber filled LCP (UL94V-0)	Ivory (Gray for SMTU2-2016)	SUS301	Battery contact : Nickel plated • Soldered area : Sn plated over nickel Gold plated over nickel (SMTU1220G • 1632-G • 2032-1-G models)

Product no. / Feature

Product no.	Matching coin cell	Contact type	Weight (g)	Pack of
SMTU357	LR44 / SR44	Surface mount x 2	0.9	1
SMTU1220	CR1220	Surface mount x 2	0.8	1
SMTU1220-G	CR1220	Surface mount x 2	0.8	1
SMTU1225	CR1225	Surface mount x 2	0.7	1
SMTU1632	CR1632	Surface mount x 2	0.8	1
SMTU1632-G	CR1632	Surface mount x 2	0.8	1
SMTU2-2016	CR2016×2 *1	Surface mount x 2	1.0	1
SMTU2032	CR2032	Surface mount x 2	1.0	1
SMTU2032-1-G	CR2032	Surface mount x 2	1.0	1
SMTU2430	CR2430	Surface mount x 2	1.0	1
SMTU2450	CR2450 *2	Surface mount x 2	1.5	1
NEW SMTU2477	CR2477 *3	Surface mount x 2	1.7	1
SMTU357-T	LR44 / SR44	Surface mount x 2	—	50 pcs / tray
SMTU1220-TR	CR1220	Surface mount x 2	—	750 pcs / reel
SMTU1220-G-TR	CR1220	Surface mount x 2	—	750 pcs / reel
SMTU1225-TR	CR1225	Surface mount x 2	—	750 pcs / reel
SMTU1632-T	CR1632	Surface mount x 2	—	50 pcs / tray
SMTU1632-G-TR	CR1632	Surface mount x 2	—	520 pcs / reel
SMTU2032-TR	CR2032	Surface mount x 2	—	485 pcs / reel
SMTU2032-1-G-TR	CR2032	Surface mount x 2	—	485 pcs / reel
SMTU2430-TR	CR2430	Surface mount x 2	—	490 pcs / reel
SMTU2450-TR	CR2450 *2	Surface mount x 2	—	350 pcs / reel
NEW SMTU2477-TR	CR2477 *3	Surface mount x 2	—	250 pcs / reel

*1 • *2 : Some coin cells are not suitable for SMTU2-2016 and SMTU2450. Please refer to the chart below.

To use a non-listed coin cell, please check and confirm before use.

*3 SMTU2477 can only be used with a Renata coin cell.

SMTU-2016 Suitability Chart

Brand (Product no.)	Suitability
FDK (CR2016C)	○
maxell (CR2016 1BS)	○
MITSUBISHI (CR2016)	○
Panasonic (CR2016)	×
renata (CR2016 MFR)	○
SONY (CR2016-ECO)	○
TOSHIBA (CR2016EC)	○

Reason for × : Coin cell is too thin.

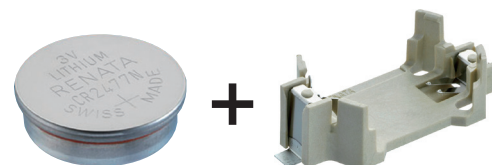
SMTU2450 Suitability Chart

Brand (Product no.)	Suitability
FDK (CR2450C)	○
maxell (CR2450)	○
maxell (CR2450HR)	×
maxell (CR2450HR-Ex)	×
MITSUBISHI (CR2450B)	○
Panasonic (CR2450)	×
renata (CR2450N)	○
SANYO (CR2450-1BP)	○
SONY (CR2450B-ECO)	○

Reason for × : Coin cell shape does not fit.

SMTU2477 can only be used with a Renata coin cell.

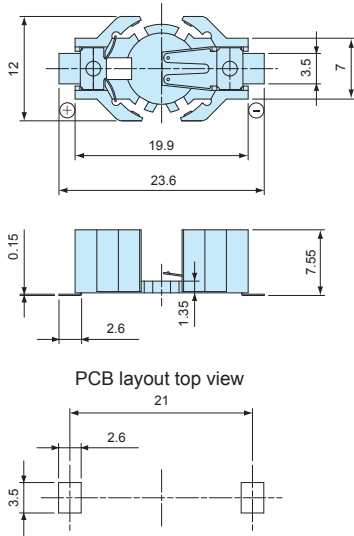
SMTU2477 is exclusively designed for use with a Renata CR2477N coin cell.



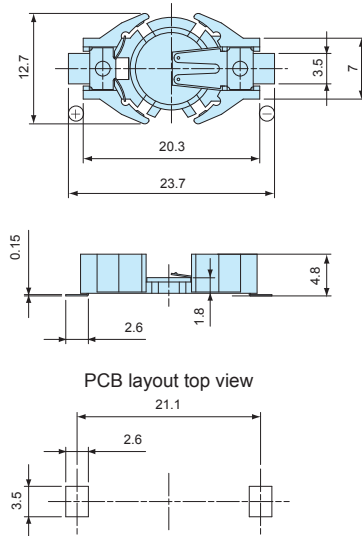
SMTU dimensions

■ DXF/DWG/PDF drawings available on our website.

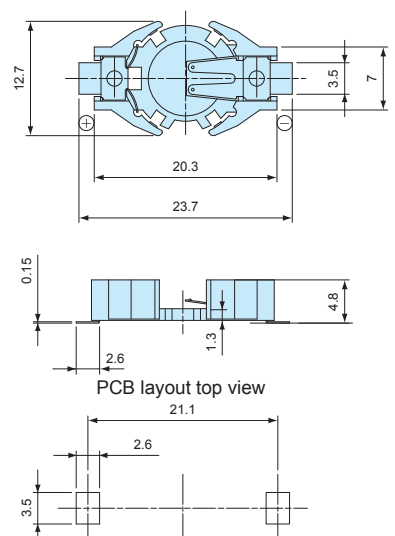
SMTU357



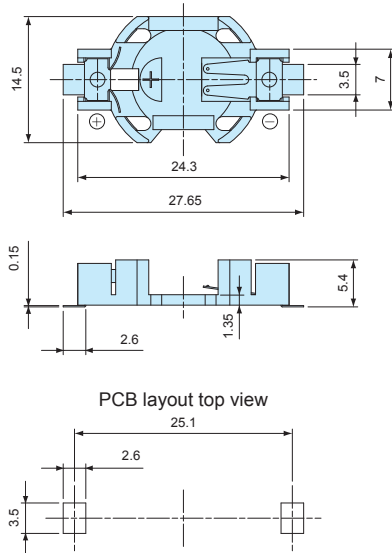
SMTU1220 / 1220-G



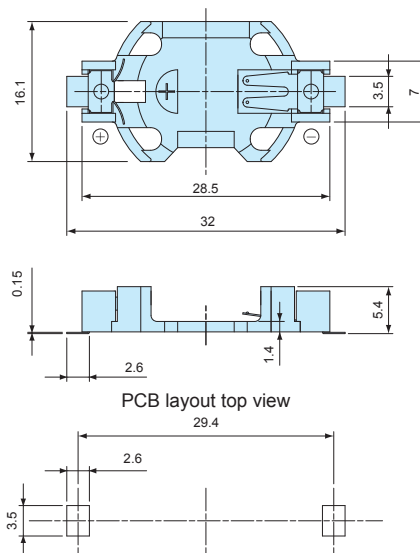
SMTU1225



SMTU1632 / 1632-G



SMTU2032 / 2032-1-G / 2-2016

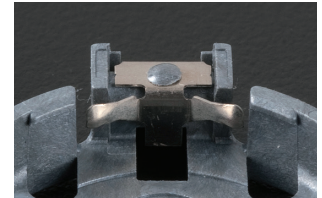


■ External dimensions of SMTU2032 and SMTU2-2016 are similar. However, each holder has a different positive contact and holder color. Refer to the images below.

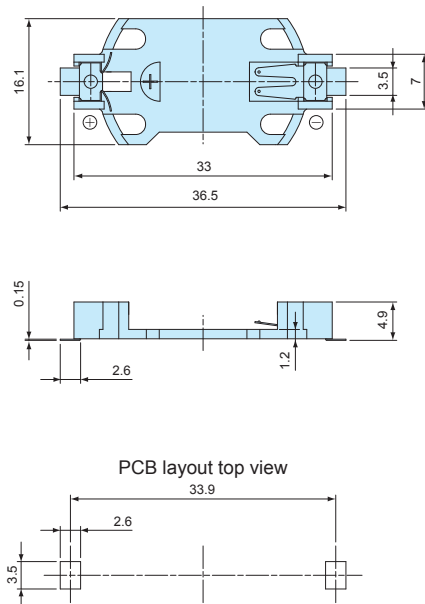
SMTU2032



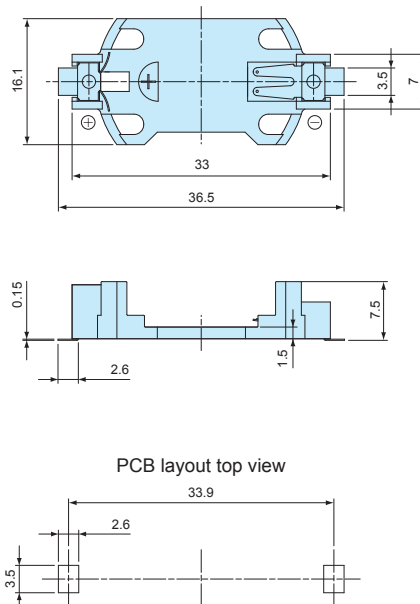
SMTU2-2016



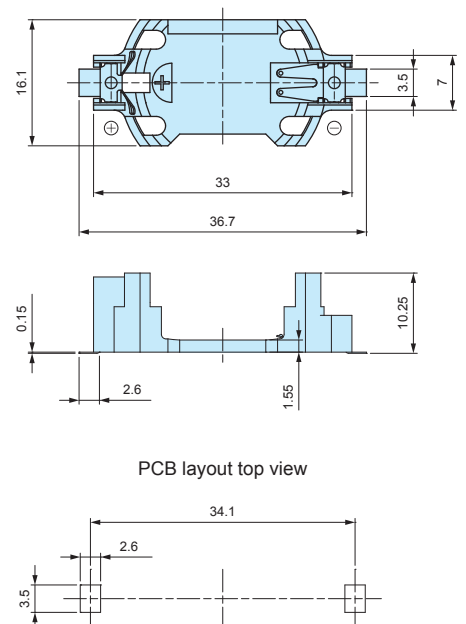
SMTU2430



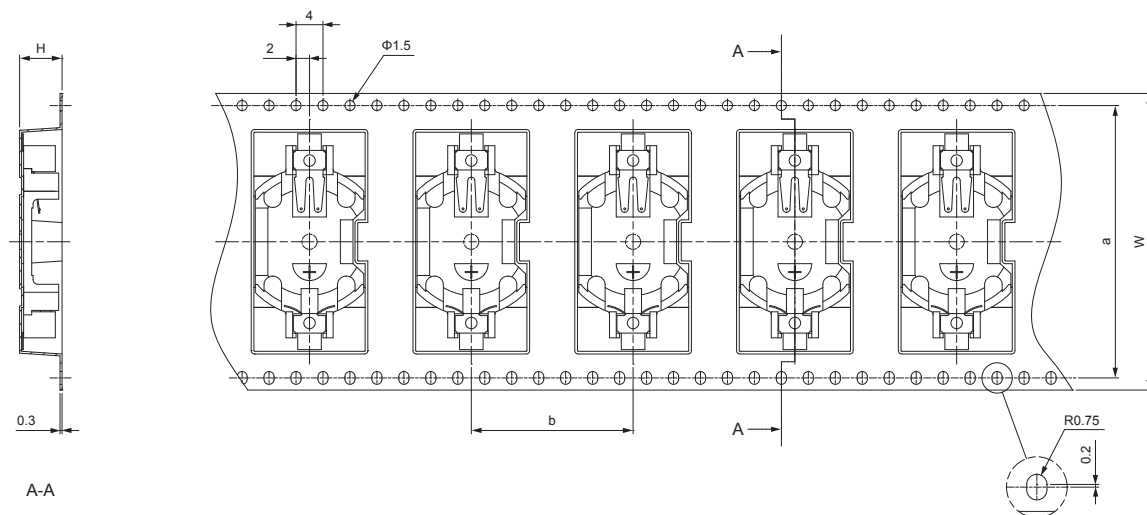
SMTU2450



SMTU2477



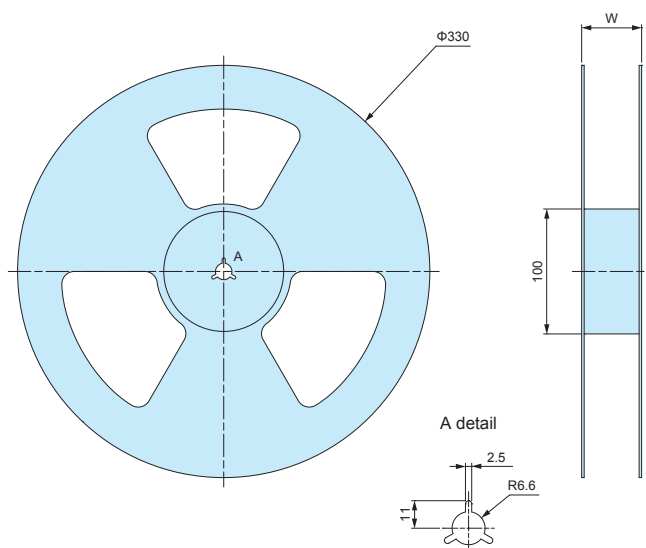
Tape dimensions



※Holder storage spacing will vary depending on model.

Product no.	W	H	a	b
SMTU1220-TR	44	6	40.4	16
SMTU1220-G-TR	44	6	40.4	16
SMTU1225-TR	44	6	40.4	16
SMTU1632-G-TR	44	6.1	40.4	20
SMTU2032-TR	44	6.3	40.4	24
SMTU2032-1-G-TR	44	6.3	40.4	24
SMTU2430-TR	56	6	52.4	24
SMTU2450-TR	56	8.5	52.4	24
SMTU2477-TR	56	10.8	52.4	24

Reel dimensions



Product no.	Pcs / Reel	w
SMTU1220-TR	750	48.5
SMTU1220-G-TR		
SMTU1225-TR	750	48.5
SMTU1632-G-TR	520	48.5
SMTU2032-TR	485	48.5
SMTU2032-1-G-TR		
SMTU2430-TR	490	61.5
SMTU2450-TR	350	61.5
SMTU2477-TR	250	61.5

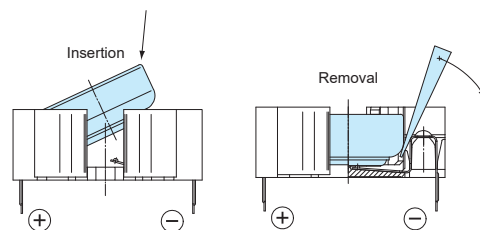


- Coin cell holder for 8 different coin cell types.
- Through-hole type with pins in a compact body.
- Heat resistant glass fiber filled LCP for lead-free reflow soldering.

Technical Data

Operating temperature: -40°C ~ +100°C

How to replace a coin cell.


Components

Holder material	Holder color	Contact material	Contact finish
Glass fiber filled LCP (UL94V-0)	Ivory	SUS301	Nickel plated • Sn plated over nickel Gold plated over nickel (HU2032-G)

Battery contact : Nickel plated • Soldered area : Sn plated over nickel

Product no. / Feature

Product no.	Matching coin cell	Contact type	Weight (g)	Pack of
HU357	LR44/SR44	Through hole x 3	0.8	1
HU1220	CR1220	Through hole x 3	0.8	1
HU1225	CR1225	Through hole x 3	0.7	1
HU1632	CR1632	Through hole x 3	0.8	1
HU2032	CR2032	Through hole x 3	1.0	1
NEW HU2032-G	CR2032	Through hole x 3	1.0	1
HU2430	CR2430	Through hole x 3	1.1	1
HU2450	CR2450 * ¹	Through hole x 3	1.5	1
HU2477	CR2477 * ²	Through hole x 3	1.7	1
HU1220-T	CR1220	Through hole x 3	—	50 pcs / tray
HU1225-T	CR1225	Through hole x 3	—	50 pcs / tray
HU1632-T	CR1632	Through hole x 3	—	50 pcs / tray
HU2032-T	CR2032	Through hole x 3	—	50 pcs / tray
NEW HU2032-G-T	CR2032	Through hole x 3	—	50 pcs / tray
HU2430-T	CR2430	Through hole x 3	—	50 pcs / tray
HU2450-T	CR2450 * ¹	Through hole x 3	—	50 pcs / tray
HU2477-T	CR2477 * ²	Through hole x 3	—	50 pcs / tray

 *¹: Some coin cells are not suitable for HU2450. Please refer to the chart below.

To use a non-listed coin cell, please check and confirm before use.

 *² HU2477 can only be used with a Renata coin cell.

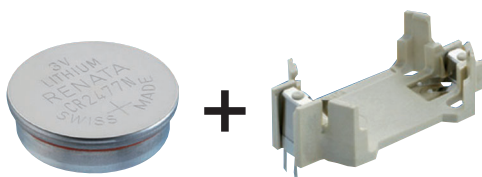
 *¹ HU2450 Suitability Chart

Brand (Product no.)	Suitability
FDK (CR2450C)	○
maxell (CR2450)	○
maxell (CR2450HR)	×
maxell (CR2450HR-Ex)	×
MITSUBISHI (CR2450B)	○
Panasonic (CR2450)	×
renata (CR2450N)	○
SANYO (CR2450-1BP)	○
SONY (CR2450B-ECO)	○

Reason for X : Coin cell shape does not fit.

 *² HU2477 can only be used with a Renata coin cell.

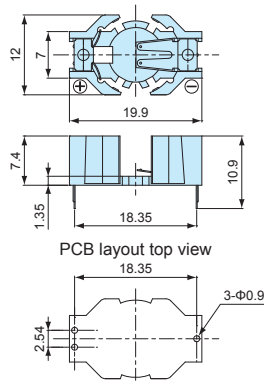
HU2477 is exclusively designed for use with a Renata CR2477N coin cell.



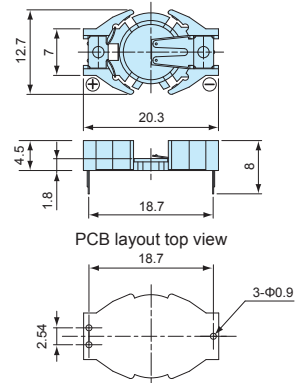
HU dimensions

■ DXF/DWG/PDF drawings available on our website.

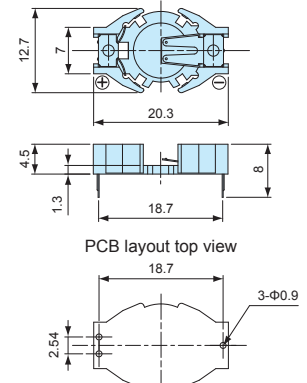
HU357



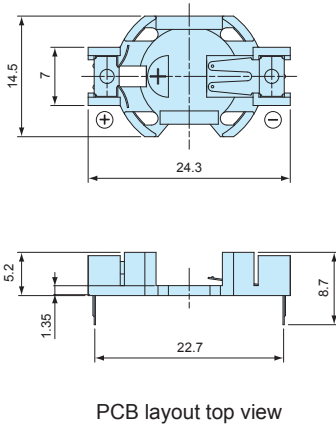
HU1220



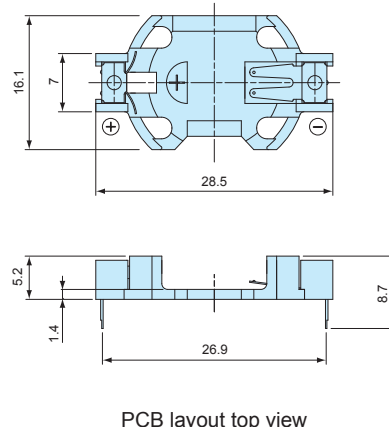
HU1225



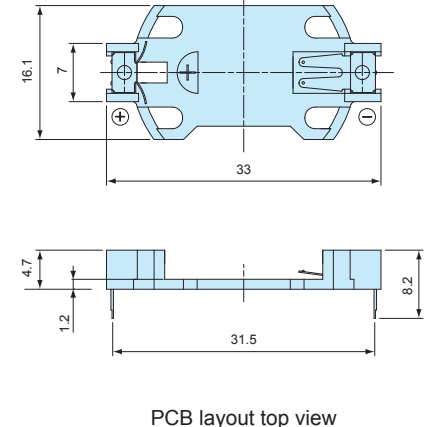
HU1632



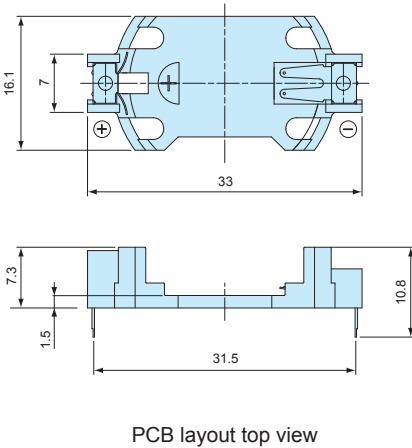
HU2032/HU2032-G



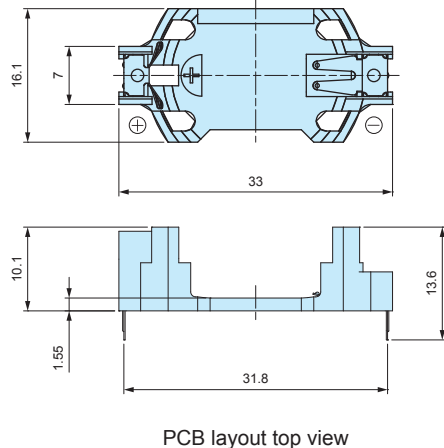
HU2430



HU2450



HU2477



PB621

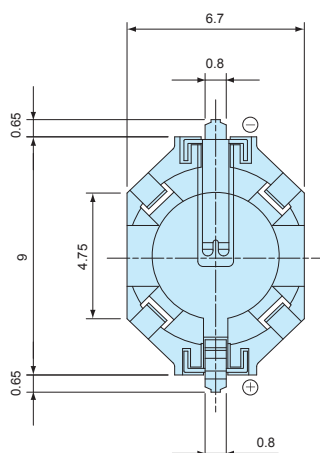
ML621 • SR621 SMALL BATTERY HOLDER



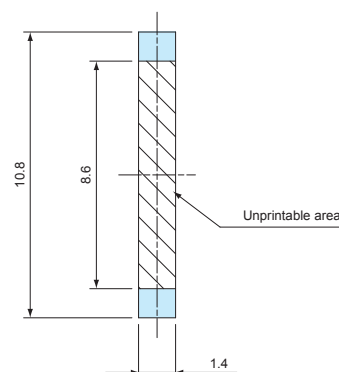
Technical Data

Operating temperature: -25°C ~ +85°C

- Heat resistant glass fiber filled LCP for lead free reflow soldering.



PCB layout top view



■ DXF/DWG/PDF drawings available on our website.

Components

Holder material	Holder color	Contact material	Contact finish
Glass fiber filled LCP (UL94V-0)	Ivory	Copper alloy	Gold plated

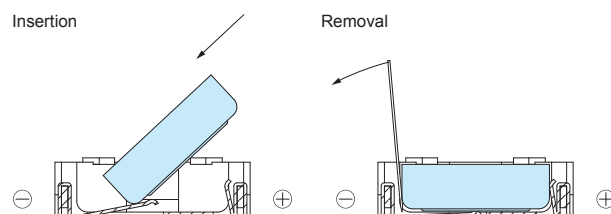
Product no. / Feature

Product no.	Matching battery	Contact type	Weight (g)	Pack of
PB621	ML621 / SR621	Surface mount x 2	0.1	10

NOTE

Be careful not to damage the holder when removing the battery without tools. Recommended to use a fine tipped stick or a flat head screwdriver to remove the battery.

How to replace a coin cell.



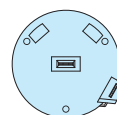
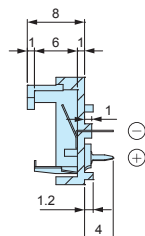
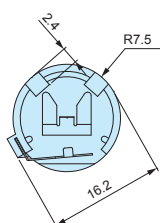
PD SERIES

BUTTON BATTERY HOLDER

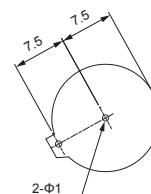


Technical Data

Operating temperature: -40°C ~ +80°C



Installation hole layout



■ DXF/DWG/PDF drawings available on our website.

Components

Holder material	Holder color	Contact material	Contact finish
PBT (UL94V-0)	Black	Phosphor bronze	Sn plated

NOTE

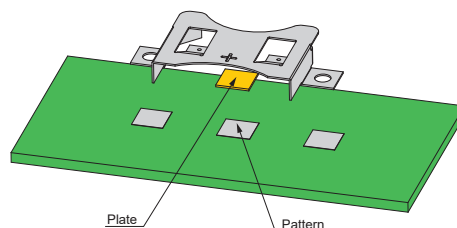
Insert battery fully in until it is completely flat, otherwise there may be a risk of short-circuiting.

Product no. / Feature

Product no.	Matching battery	Contact type	Weight (g)	Pack of
PD23	LR44 / SR44	Through hole pin x 2	0.7	1
PD23-T	LR44 / SR44	Through hole pin x 2	—	100

BK•BS•SMTM series**COIN CELL HOLDER**

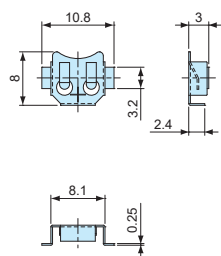
- Material / Finish : Phosphor bronze / Nickel plated
- Metal coin cell holder.
- SMTM series is available with tape and reel packaging (TR Type) suitable for automated placement equipment.
- Make a negative pole on the PCB and place or solder a plate onto it.
BK2032M negative contact can be used for SMTM2032 and BK-888.

**Product no. / Details**

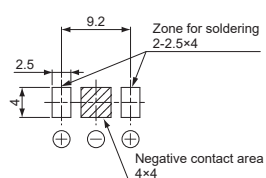
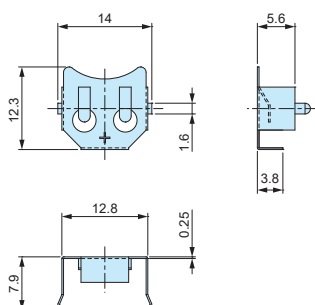
Product no.	Matching coin cell	Contact type	Weight (g)	Pack of
BK-879	SR621/ML621	Surface mount x 2	0.2	10
BK-5091	LR44	Through hole x 2	0.5	10
BS-M-1225	CR1220/CR1225	Surface mount x 2	0.4	10
BS-S-1225	CR1220/CR1225	Through hole x 2	0.4	10
SMTM1632	CR1632	Surface mount x 2	0.7	10
BS-S-1632	CR1620/CR1632	Through hole x 2	0.7	10
BK-5067	CR2016	Surface mount x 2	0.8	10
SMTM2032	CR2032/CR2025	Surface mount x 2	0.9	10
BK-888	CR2032/CR2025	Through hole x 2	0.9	10
BK-2430	CR2430	Through hole x 2	1.2	10
BK-2430SM	CR2430	Surface mount x 2	1.6	10
BK-2450	CR2450	Through hole x 2	1.3	10
BK-2450SM	CR2450	Surface mount x 2	1.4	10
BS-M-1225-TR	CR1220/CR1225	Surface mount x 2	—	1,000 / Tape and reel
SMTM1632-TR	CR1632	Surface mount x 2	—	700 / Tape and reel
SMTM2032-TR	CR2032/CR2025	Surface mount x 2	—	600 / Tape and reel

SMTM • BS • BK dimensions

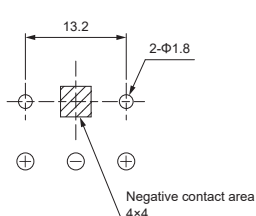
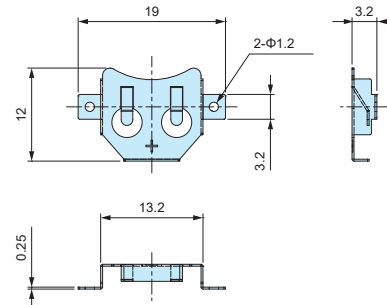
■ DXF/DWG/PDF drawings available on our website.

BK-879

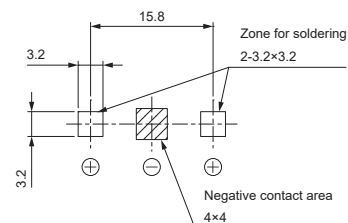
PCB layout top view

**BK-5091**

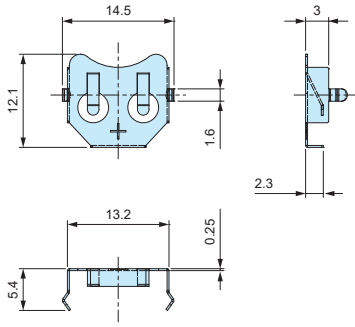
PCB layout top view

**BS-M-1225**

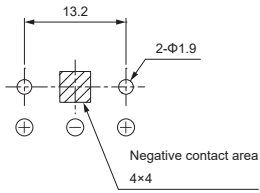
PCB layout top view



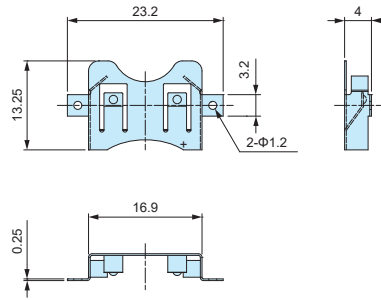
BS-S-1225



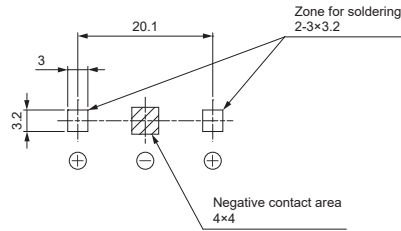
PCB layout top view



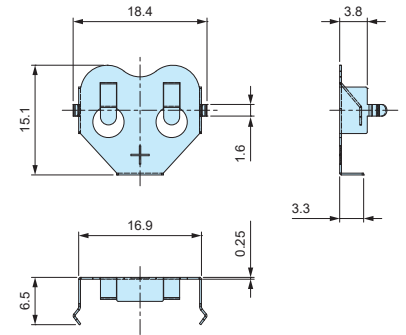
SMTM1632



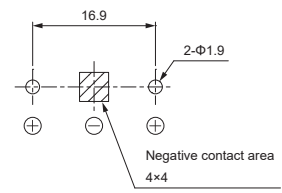
PCB layout top view



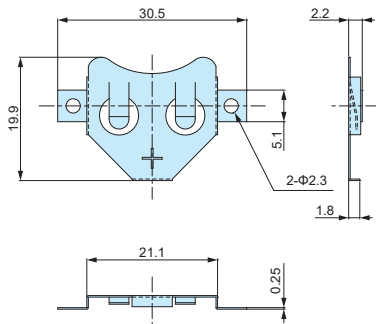
BS-S-1632



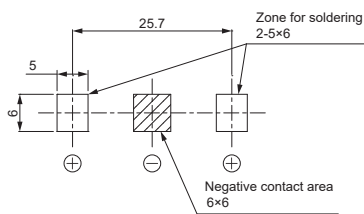
PCB layout top view



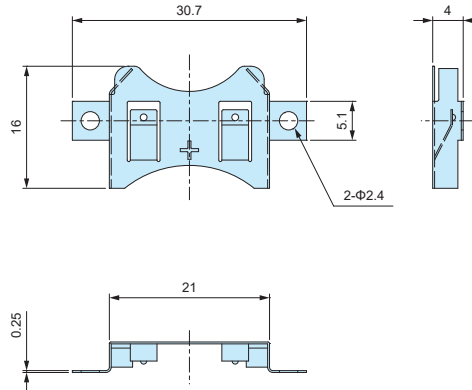
BK-5067



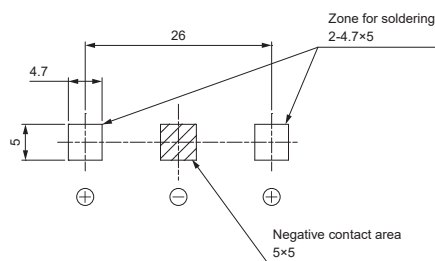
PCB layout top view



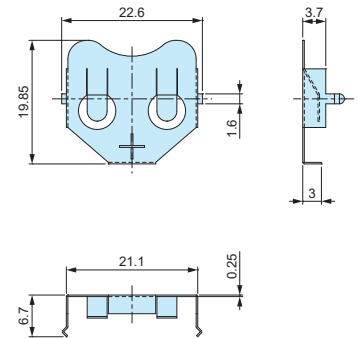
SMTM2032



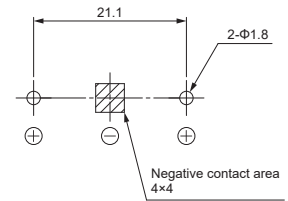
PCB layout top view

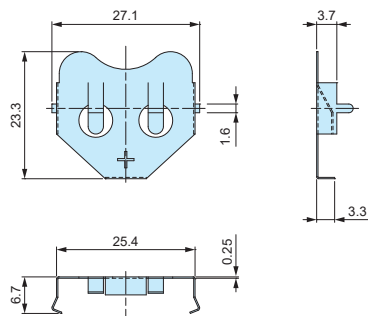


BK-888

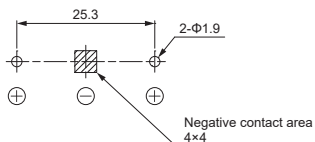
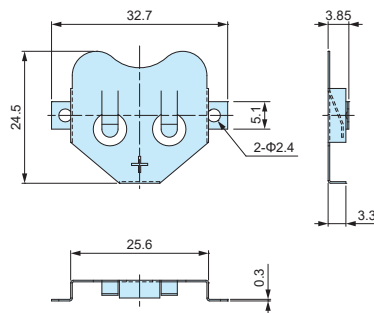


PCB layout top view

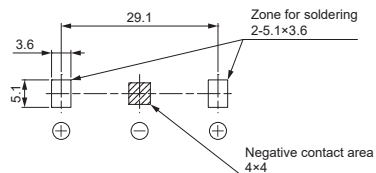
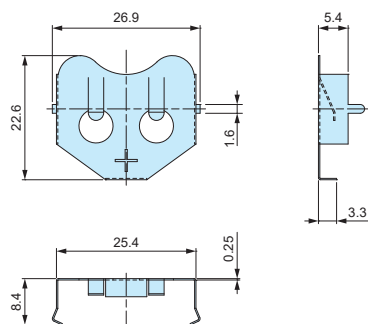


BK-2430


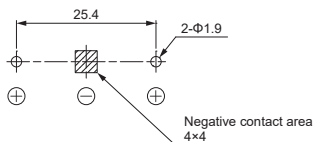
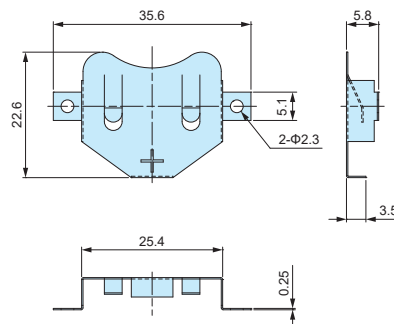
PCB layout top view


BK-2430SM


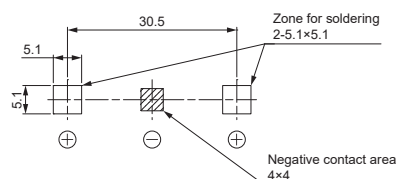
PCB layout top view


BK-2450


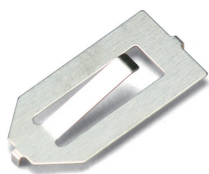
PCB layout top view


BK-2450SM


PCB layout top view


BK-2032M
NEGATIVE COIN CELL CONTACT for CR2032

■ DXF/DWG/PDF drawings available on our website.

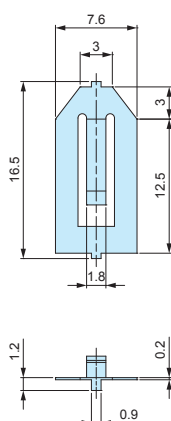


■ Material / Finish : Phosphor bronze / Nickel plated

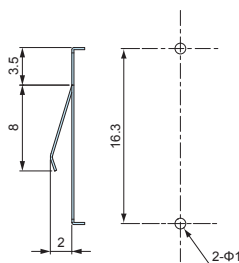
■ Negative contact for CR2032 coin cell.

■ Suitable to be used with SMTM2032 or BK-888 holders.

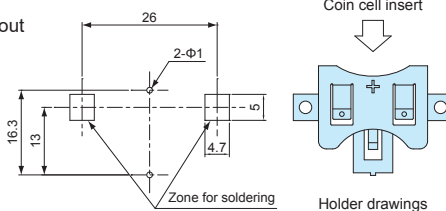
■ Cut area will have base material exposed (unfinished).



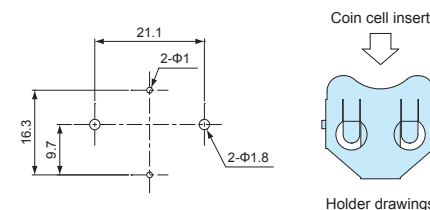
Installation hole layout



SMTM + BK-2032M PCB layout top view



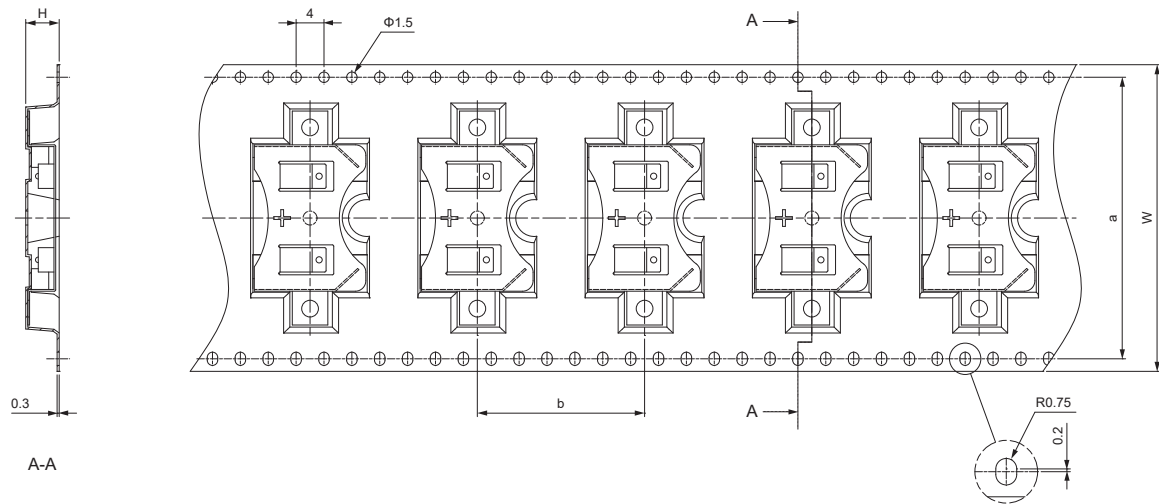
BK-888 + BK-2032M PCB layout top view


Product no. / Feature

Product no.	Matching coin cell	Contact type	Weight (g)	Pack of
BK-2032M	CR2032	Through hole x 2	0.2	10

■ Recommended PCB thickness for installation is 1.0mm or thinner.

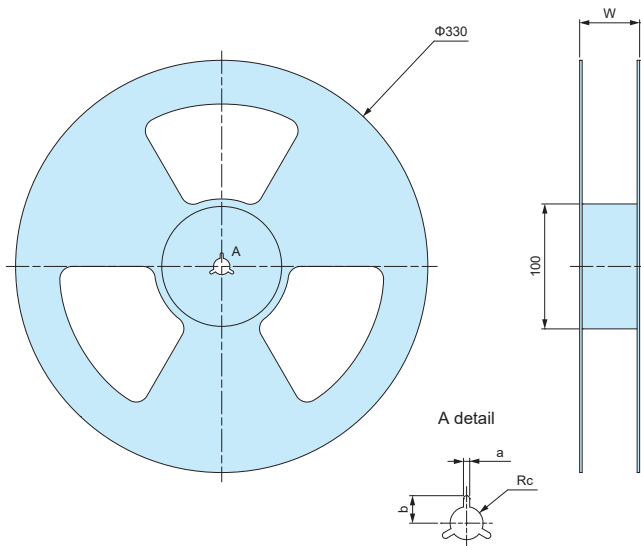
Tape dimensions



※Holder storage spacing will vary depending on model.

Product no.	W	H	a	b
SMTM1225-TR	32	3.8	28	16
SMTM1632-TR	44	4.5	40.4	20
SMTM2032-TR	44	4.8	40.4	24

Reel dimensions



Product no.	Pcs / Reel	w	a	b	c
SMTM1225-TR	1,000	38.5	2.1	10.4	6.8
SMTM1632-TR	700	50.5	2.1	10.4	6.6
SMTM2032-TR	600	48.5	2.4	11	6.6