

NEW COMPACT PLASTIC CASE for NEXT GENERATION IoT

Stylish and elegant plastic case for use with all your IoT related devices

SIC•SIM series



Sleek & Glossy Finish High Performance Case



Multipurpose & Wall Mount Models Available

Multipurpose Model
SIC series



Wall Mount Model
SIM series



COMPACT PLASTIC CASE for IoT DEVICES

SIC • SIM series are snap-in type compact-sized plastic case without screws.

Despite the small size, ample internal space is achieved by a snap-in assembly construction.

A rounded design yet having flat surfaces enables easy customization such as hole milling or printing.

Ideal for small IoT appliances such as LoRa WAN or Sigfox power-saving communication devices, RFID or GPS gadgets, or network sensors.

Wall Mount Communication Network Device



RFID Reader



Remote Controller

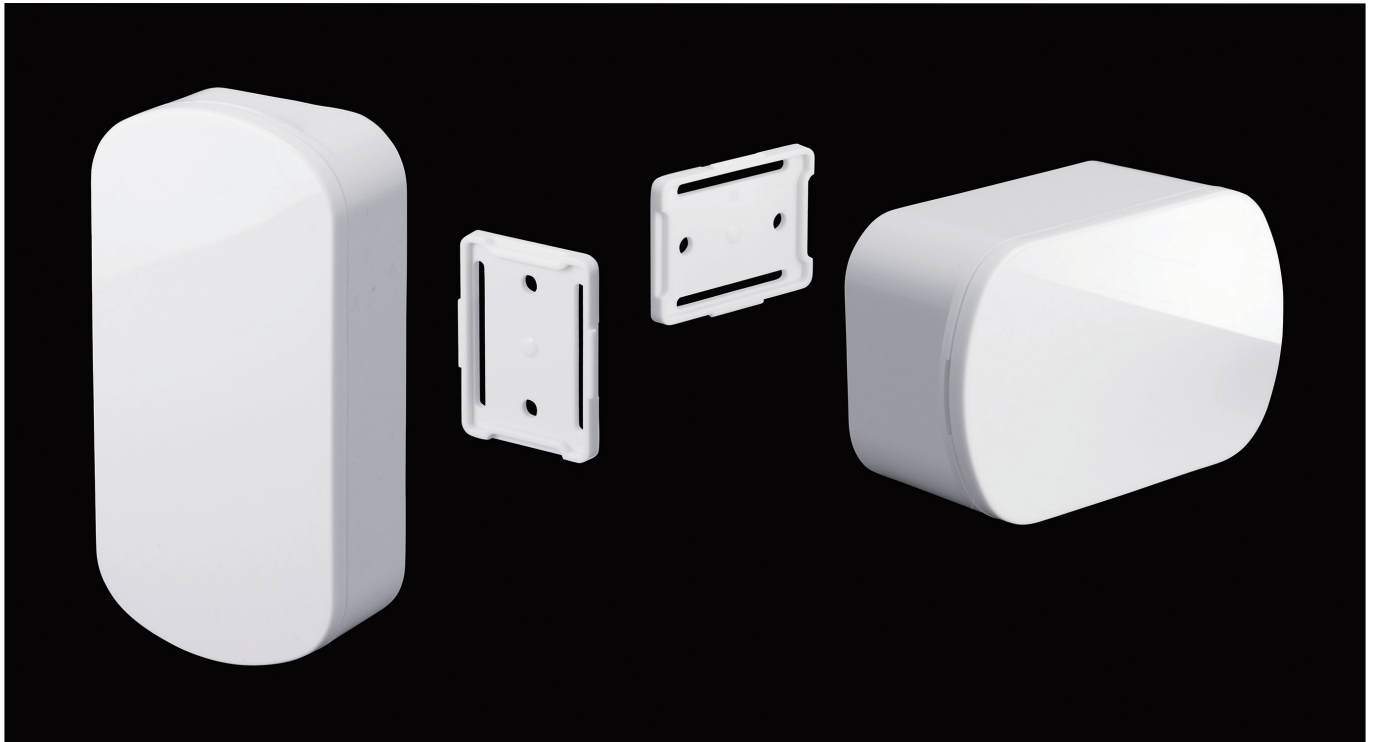


Security Sensor



USB Data Logger

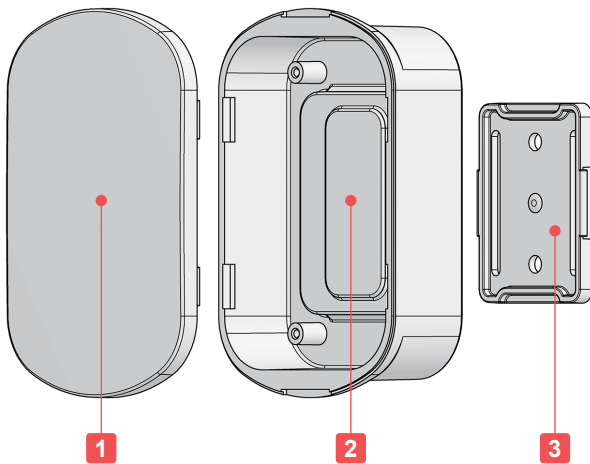




Technical Data

Protection class: IP40
Operating temperature: -30°C ~ +60°C

*May become brittle and break under impact when temperature is lowered close to -30°C.

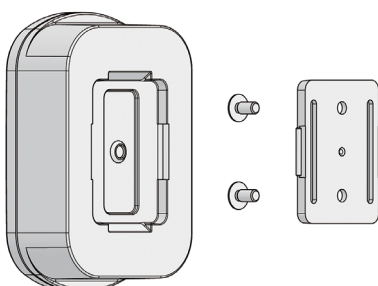


- 6 new sizes added for a total of 14 different sizes available for selection.
- Small rounded design plastic case ideal for use as IoT devices.
- Easily attached to, or detached from the wall by using the wall mounting bracket.
- Made of weather-resistant ASA material.
Suitable for devices intended to be used under direct sunlight.
- Optional universal PCB, PCB32-53 is compatible with SIM5-7-2 and 5-7-3 models. See PCB series on our website for more details.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Cover	1	Weather-resistant ASA UL94HB	Off-white / Polished
2	Base	1	Weather-resistant ASA UL94HB	Off-white / Polished
3	Wall mounting bracket	1	Weather-resistant ASA UL94HB	Off-white / Polished

Bracket installation



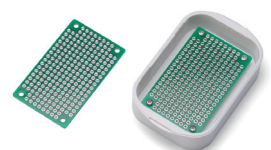
Accessories (Optional parts)



Rubber strain relief cord protector
CBS series
See page 385



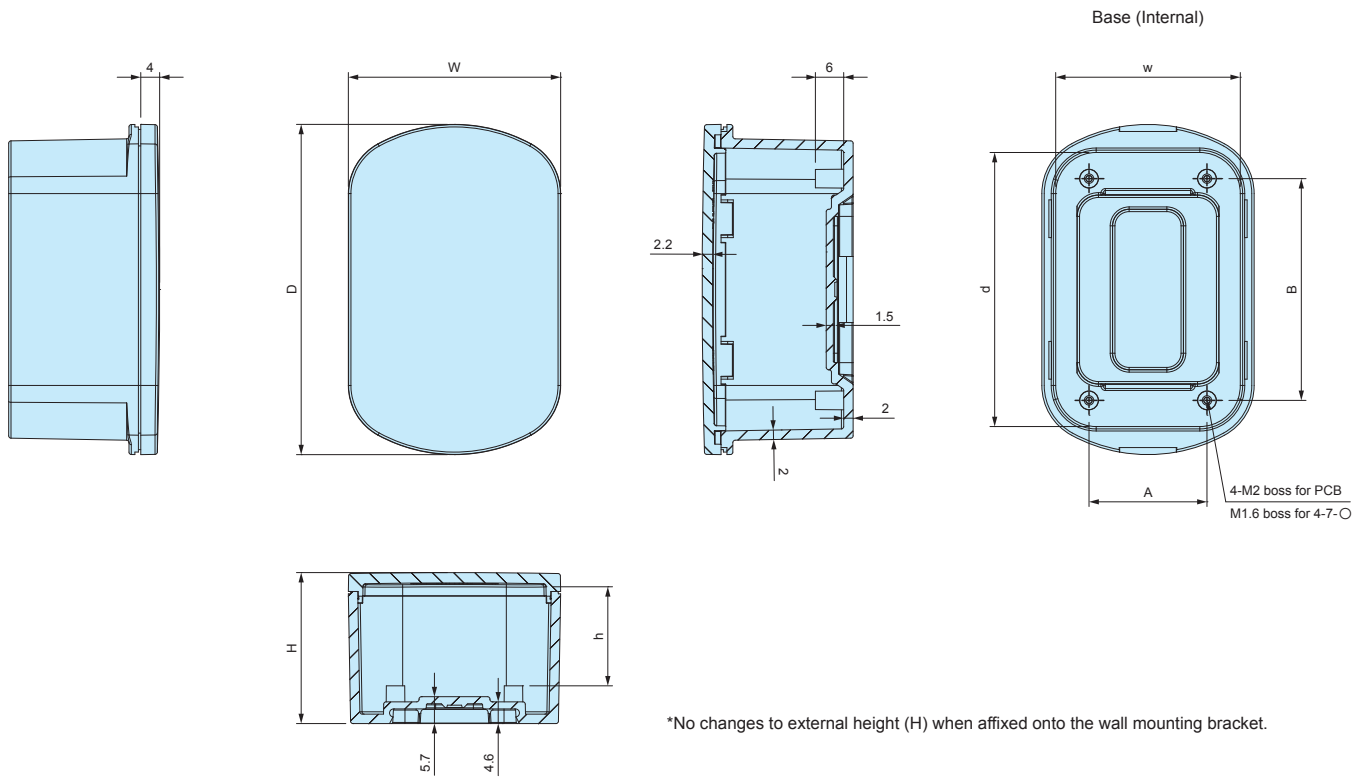
PCB mounting screw EM-2
See page 398



Universal PCB PCB series
See website

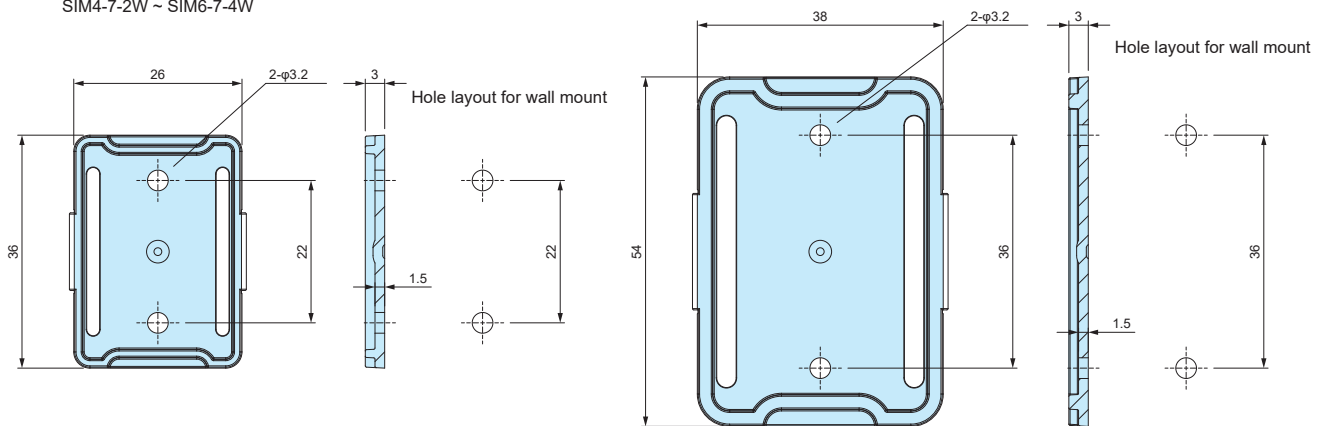
SIM dimensions

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



SIM6-9-3W ~ SIM6-12-4W

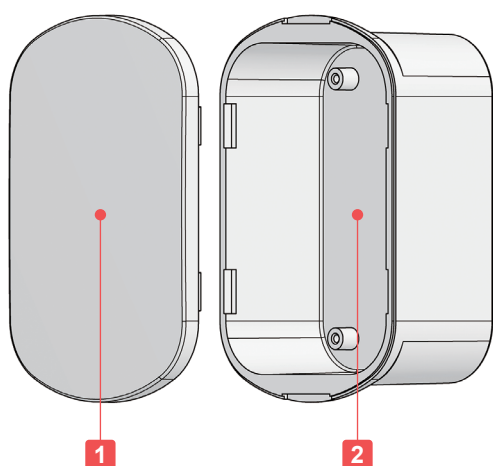
SIM4-7-2W ~ SIM6-7-4W



■ M3 screws for installation of bracket on walls are not included.

Product no. / Details

Product no.	External dimensions			Internal dimensions			Boss pitch		Weight (g)
	W	D	H	w	d	h	A	B	
SIM4- 7-2W	38	65	17	32.7	53.2	6.4	24	45.5	17.8
SIM4- 7-3W	38	65	25	32.4	52.9	14.4	24	45.5	20.7
SIM5- 5-2W	45	50	23	39.4	38.5	10.9	25	27	17.8
SIM5- 5-3W	45	50	33	39	38.1	20.9	25	27	20.9
SIM5- 7-2W	45	70	22	39.4	58.4	10.9	25	47	22.8
SIM5- 7-3W	45	70	32	39.1	58	20.9	25	47	25.9
SIM5- 9-2W	45	90	22	39.4	78.4	10.9	25	67	27.7
SIM5- 9-3W	45	90	32	39.1	78	20.9	25	67	32.3
NEW SIM6- 7-3W	60	65	27	54.2	53.5	15.9	40	40	29.3
NEW SIM6- 7-4W	60	65	40	53.8	53	28.9	40	40	34.9
NEW SIM6- 9-3W	60	90	27	54.2	78.5	15.9	40	65	40.9
NEW SIM6- 9-4W	60	90	40	53.8	78	28.9	40	65	47.9
NEW SIM6-12-3W	60	120	27	54.2	108.5	15.9	40	95	53.1
NEW SIM6-12-4W	60	120	40	53.8	108	28.9	40	95	62.1



Technical Data

Protection class : IP40
 Operating temperature
 Black (ABS) : -10°C ~ +60°C
 Off-white (ASA) : -30°C ~ +60°C

*May become brittle and break under impact when temperature is lowered close to -30°C.

- 8 new sizes added for a total of 19 different sizes available for selection.
- Small rounded design plastic case ideal for use as IoT devices.
- Easy and tool-less assembly snap-in case.
- While being small in size, there is ample internal space by utilization of the snap-in structure.
- The polished surface also provides a high-end finish and gives off a superior quality and feel while having superb cost performance.
- Off-white models are made of weather-resistant ASA material. Suitable for devices intended to be used under direct sunlight.
- Optional universal PCB, PCB32-53 is compatible with SIC5-7-2 and 5-7-3 models. See PCB series on our website for more details.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Cover	1	ABS UL94HB	Black / Polished
			Weather-resistant ASA UL94HB	Off-white / Polished
2	Base	1	ABS UL94HB	Black / Polished
			Weather-resistant ASA UL94HB	Off-white / Polished

Accessories (Optional parts)



Rubber strain relief cord protector
 CBS series
 See page 385

Double-sided mounting tape DST series
 See page 393

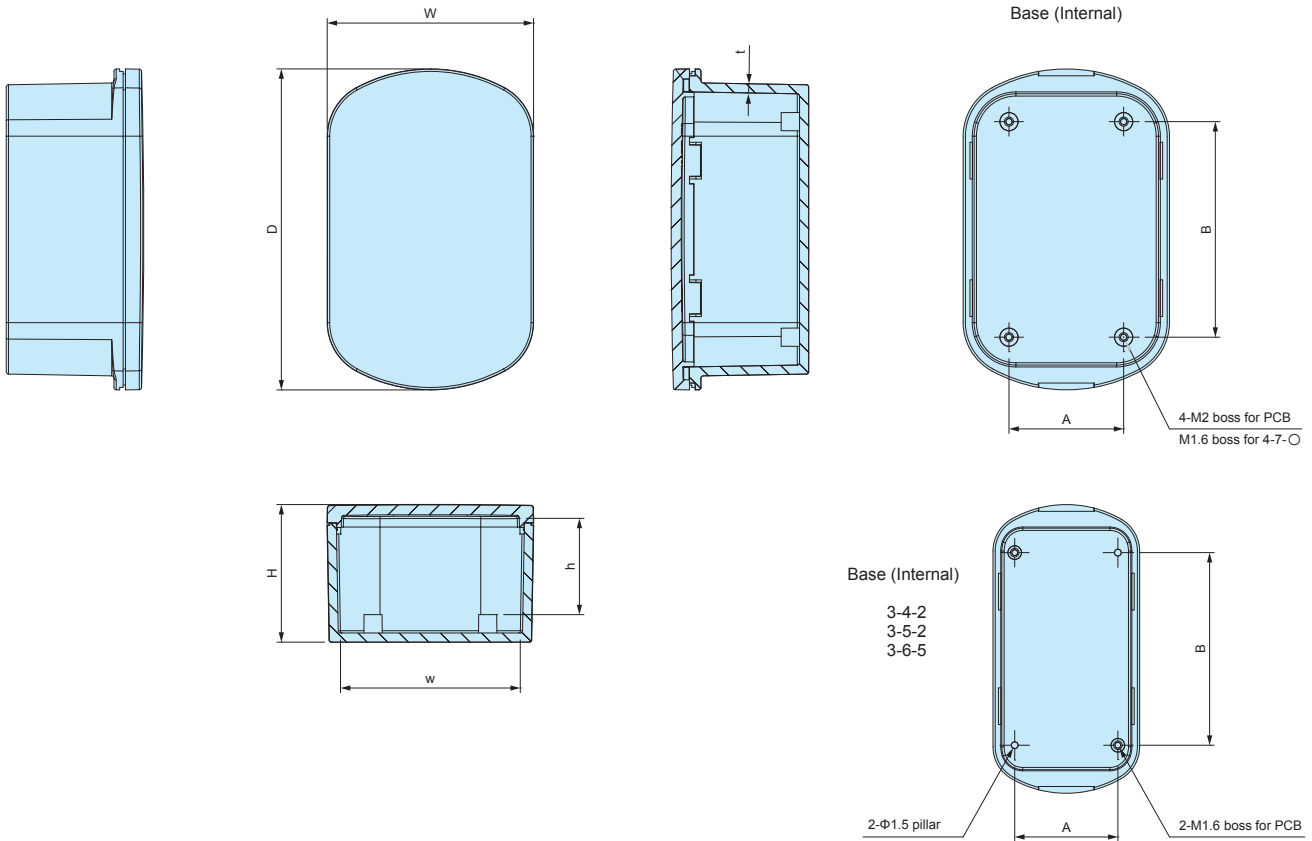
Neodymium magnet NMG series
 See page 392

PCB mounting screw EM-2
 See page 398

Universal PCB PCB series
 See website

SIC dimensions

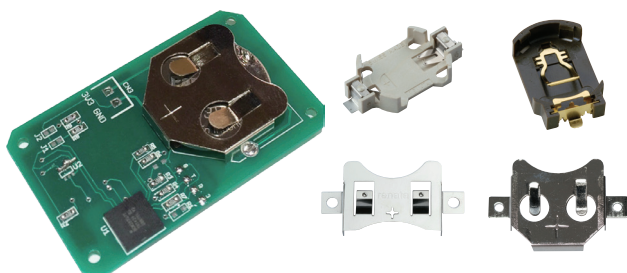
■ DXF/DWG/PDF/STP drawings available on our website.



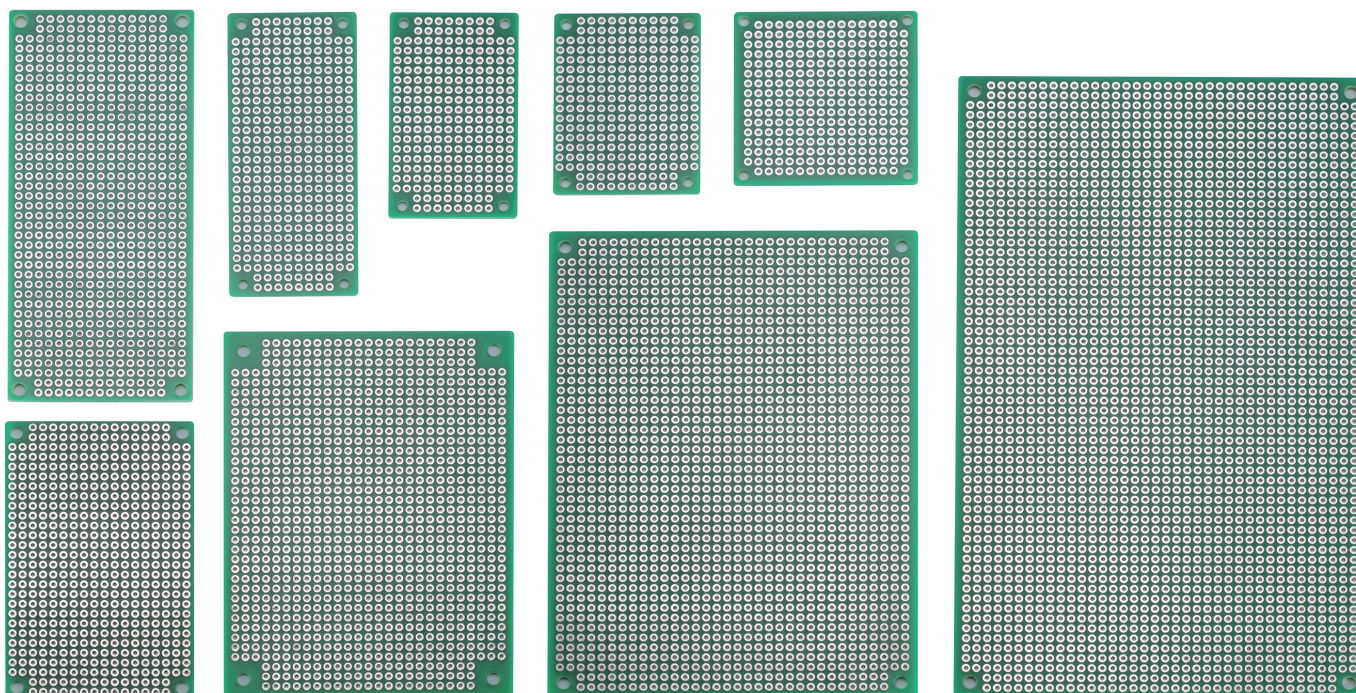
Product no. / Details

Product no.		External dimensions			Internal dimensions			Boss pitch		t	Weight (g)
● Black	● Off-white	W	D	H	w	d	h	A	B		
NEW SIC2- 4-1B	NEW SIC2- 4-1W	20	35	13	15.3	23.6	8.7	—	—	1.7	4.4
NEW SIC2- 5-1B	NEW SIC2- 5-1W	20	50	13	15.3	38.6	8.6	—	—	1.7	6.2
SIC3- 4-2B	SIC3- 4-2W	30	40	18	25.1	28.6	11.1	16.5	24	1.7	7.8
SIC3- 5-2B	SIC3- 5-2W	25	54	18	20.1	42.6	11.1	15.5	35	1.7	9.2
SIC3- 6-2B	SIC3- 6-2W	32	63	20	27.1	51.6	13	22.5	42	1.7	13.2
SIC4- 7-1B	SIC4- 7-1W	38	65	14	32.7	53.3	6.4	24	45.5	2	14.8
SIC4- 7-2B	SIC4- 7-2W	38	65	22	32.4	53	14.4	24	45.5	2	17.7
SIC5- 5-2B	SIC5- 5-2W	45	50	20	39.5	38.5	10.9	25	27	2	14.9
SIC5- 5-3B	SIC5- 5-3W	45	50	30	39.1	38.1	20.9	25	27	2	18.1
SIC5- 7-2B	SIC5- 7-2W	45	70	20	39.5	58.5	10.9	25	47	2	20.1
SIC5- 7-3B	SIC5- 7-3W	45	70	30	39.1	58.1	20.9	25	47	2	24.1
SIC5- 9-2B	SIC5- 9-2W	45	90	20	39.5	78.5	10.9	25	67	2	24.9
SIC5- 9-3B	SIC5- 9-3W	45	90	30	39.1	78.1	20.9	25	67	2	29.4
NEW SIC6- 7-3B	NEW SIC6- 7-3W	60	65	25	54.3	53.6	15.9	40	40	2	26.8
NEW SIC6- 7-4B	NEW SIC6- 7-4W	60	65	38	53.9	53.1	28.9	40	40	2	32.6
NEW SIC6- 9-3B	NEW SIC6- 9-3W	60	90	25	54.3	78.6	15.9	40	65	2	36.3
NEW SIC6- 9-4B	NEW SIC6- 9-4W	60	90	38	53.9	78.1	28.9	40	65	2	43.6
NEW SIC6-12-3B	NEW SIC6-12-3W	60	120	25	54.3	108.6	15.9	40	95	2	46.9
NEW SIC6-12-4B	NEW SIC6-12-4W	60	120	38	53.9	108.1	28.9	40	95	2	55.9

Accessories (Optional parts) COIN CELL BATTERY HOLDERS

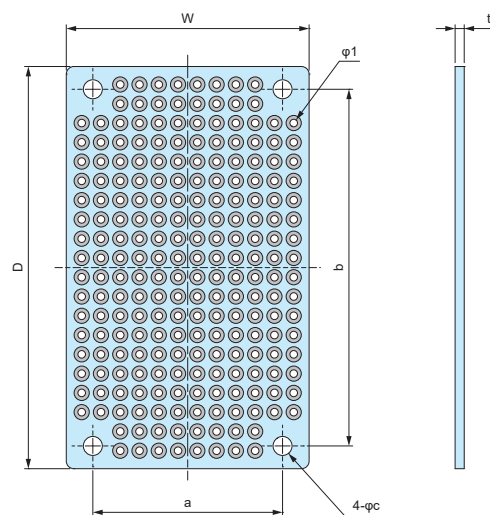
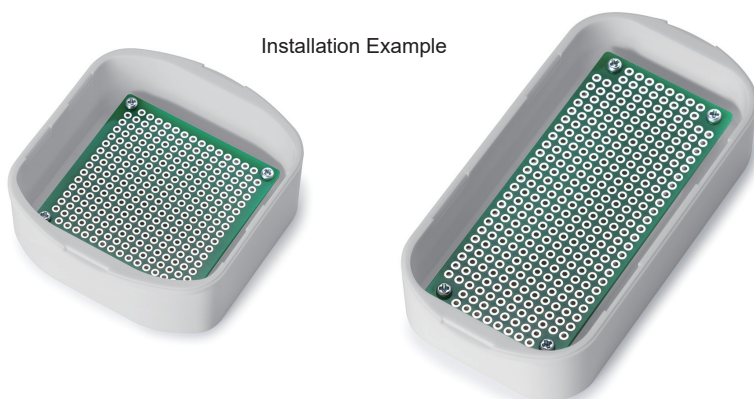


- Various coin cell battery holders can be utilized.
See coin cell battery holders on our website for more details.
- Please note that depending on the mounting location, PCB may not be able to be properly affixed on.



- Plated Through Hole (PTH) type PCB with a 2.54mm hole-to-hole pitch.
Inexpensive and economical PCB made with robust, heat-resistant and non-conductive glass epoxy material.
- Easily mounted onto bosses or standoffs with the mounting holes at each corner.
- Made with environmentally friendly lead-free solder. RoHS3 compliant.
- 4 new sizes added to extend the lineup to a total of 9 sizes. PCB100-160 is Eurocard (3U) format size.
- 3 new SIC and SIM plastic case series compatible sizes have been released, now with 4 compatible sizes available.
- DXF/DWG/PDF drawings available on our website.

Installation Example



Material / Finish : Glass epoxy (FR-4) / Through-hole - Lead-free solder resist

*When installing PCB46-101 with M2 mounting screws, use EM-B2 (see page 398).

Product no. / Details

Product no.	W	D	a	b	c	t	Mounting screw	Weight (g)	Compatible SIC & SIM size
PCB 32- 53	32	53	25	47	2.5	1.2	M2 / M2.5	3.9	SIC • SIM5- 7-□
NEW PCB 32- 73	32	73	25	67	2.5	1.2	M2 / M2.5	5.2	SIC • SIM5- 9-□
NEW PCB 36- 47	36	47	30	41	2.5	1.2	M2 / M2.5	3.7	—
NEW PCB 45- 45	45	45	40	40	2.5	1.2	M2 / M2.5	4.6	SIC • SIM6- 7-□
NEW PCB 46-101	46	101	40	95	3.2	1.6	M2 / M2.5 / M3	13.2	SIC • SIM6-12-□
PCB 47- 72	47	72	41	66	3.2	1.2	M3	7.4	—
PCB 72- 95	72	95	62	85	3.2	1.2	M3	15.7	—
PCB 90-120	90	120	82	112	3.2	1.6	M3	32.5	—
PCB100-160	100	160	92	152	3.2	1.6	M3	49.2	—

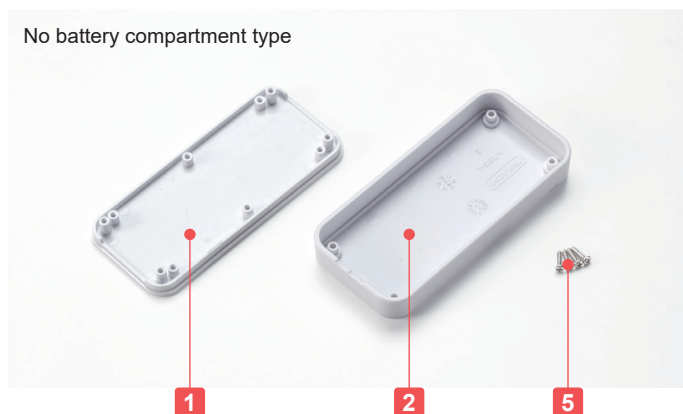


- Easy replacement of batteries. Battery contact included in each case (except for N type).
- Select proper models by enclosure dimensions and capacity of the batteries.
Typical Capacity : CR2032 : 225mAh / CR2450 : 620mAh / CR2477 : 1000mAh
- Suitable for remote controller, wireless key fob, or small tester/device, and more.
- Available in 4 sizes with 8 models and selectable in 2 different color types (Black or White).

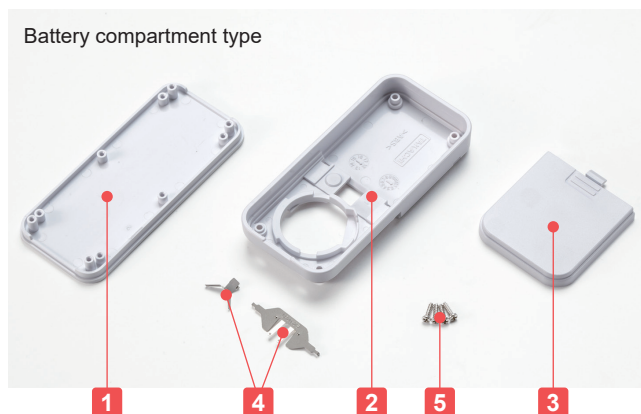
Technical Data

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

No battery compartment type



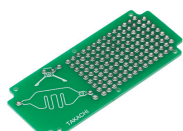
Battery compartment type



Components

No.	Part name	Pcs	Material	Color / Finish
1	Top cover	1	ABS UL94HB	White • Black
2	Bottom cover	1	ABS UL94HB	White • Black
3	Battery cover	1	ABS UL94HB	White • Black
4	Battery contact	1 set / 2 sets (CS115)	Stainless steel SUS304	Nickel plated
5	Self-tapping screw	4	Steel M1.6-6	Nickel plated • Black trivalent chromate

Accessories (Optional parts)



Exclusive PCB CSPB series
See page 22



Strap STPS series
See page 34



PCB mounting screw EM-1.6
See page 398



TORX screw MR1.6-6S
See page 398



Neodymium magnet
NMG series
See page 392

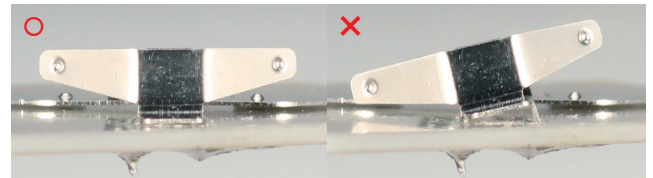
Coin Battery Contact Installation Steps



- Exclusive PCB is available as an optional part. See page 22 for more details. Refer to drawings on page 22 for suitable PCB dimensions and screw hole layout.
- Battery contact parts are sold separately in case of damage or loss. See our website (CST series) for details.

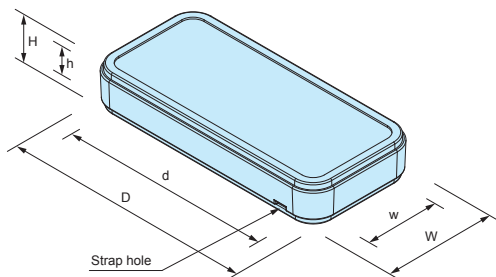
CAUTION

- When installing the battery terminal, make sure that it is parallel to the PCB. The battery may become stuck if installed at an angle. In addition, when mounting PCB, use a 1mm PCB. Please note batteries cannot be used with PCB thicker than 1mm.



CS dimensions

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

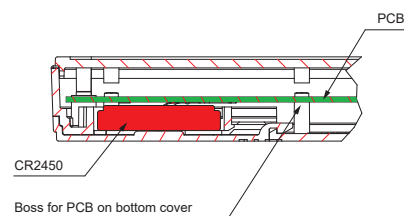


Type	CS N Type	CS75/90	CS100 ^{*1}	CS115
Battery compartment	None	CR2032 × 1	CR2450 × 1 or CR2477 ^{*2} × 1	CR2032 × 2

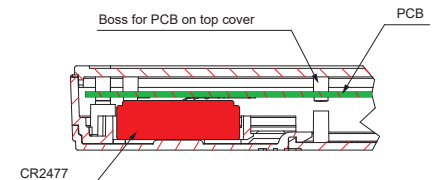
^{*1} CS100 battery type varies by PCB placement: CR2450 with PCB on bottom cover, or CR2477 with PCB on top cover. See below for the details.

^{*2} Not compatible with Renata CR2477N battery.

CR2450 × 1 on CS100 (PCB on bottom cover)



CR2477 × 1 on CS100 (PCB on top cover)



^{*Not compatible with Renata CR2477N battery}

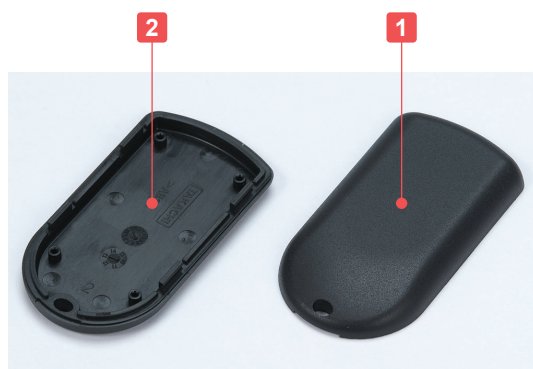
Product no. / Details

Product no.		External dimensions			Internal dimensions			Battery compartment	Weight (g)
● Black	● White	W	H	D	w	h	d		
CS 75N-B	CS 75N-W	35	12	75	26.6	5.3	59	None	12
CS 75 -B	CS 75 -W	35	12	75	26.6	5.3	25.4	CR2032×1	13
CS 90N-B	CS 90N-W	45	12	90	36.6	5.3	74	None	18
CS 90 -B	CS 90 -W	45	12	90	36.6	5.3	40.4	CR2032×1	20
CS100N-B	CS100N-W	50	16.8	100	41.6	10.1	82	None	24
CS100 -B	CS100 -W	50	16.8	100	44.1	6.8	46	CR2450×1 / CR2477×1	26
CS115N-B	CS115N-W	63	12	115	54.6	5.3	98	None	30
CS115 -B	CS115 -W	63	12	115	54.6	5.3	64.9	CR2032×2	33



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

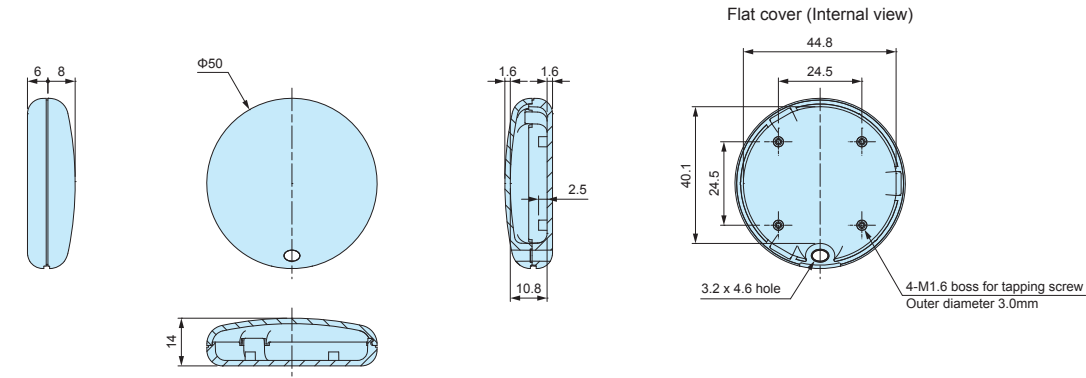


Neodymium magnet NMG series
See page 392

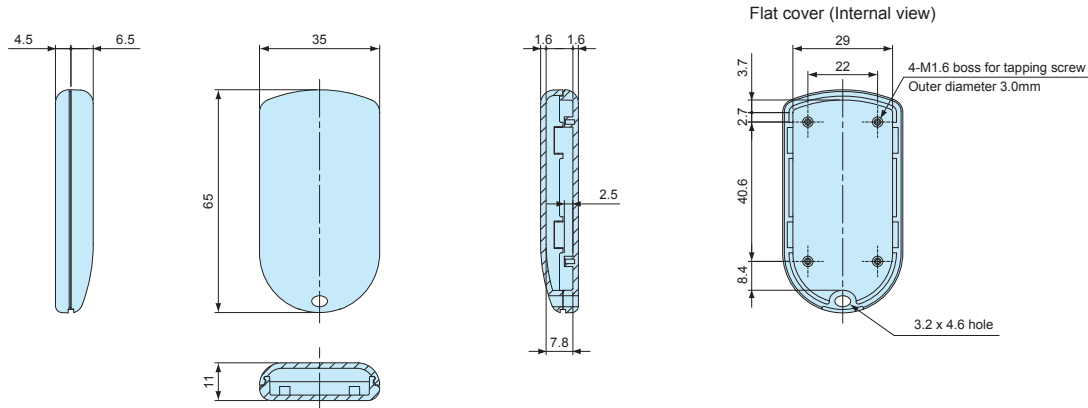
PS dimensions

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

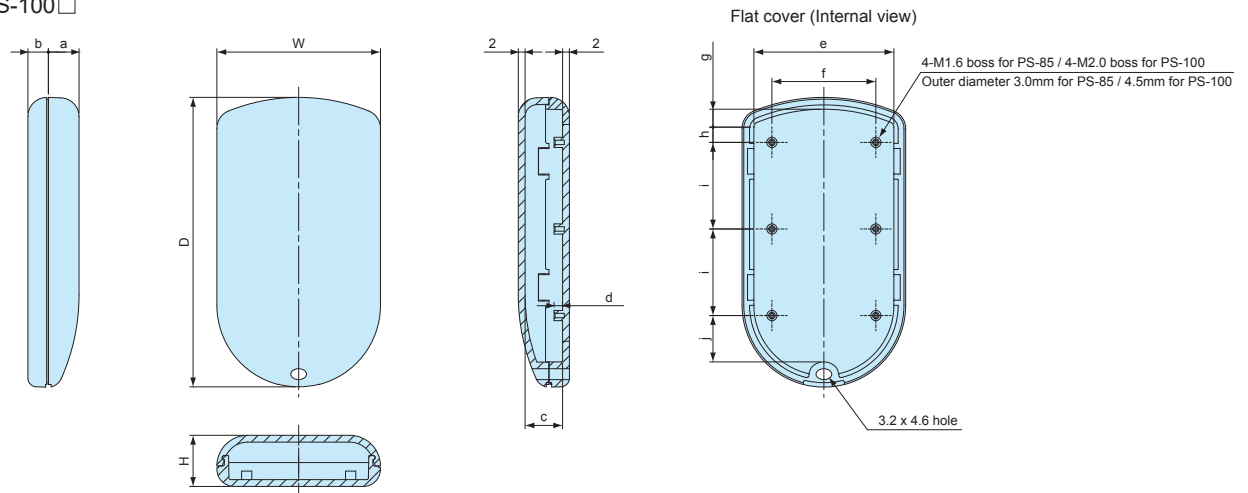
PS-50□



PS-65□

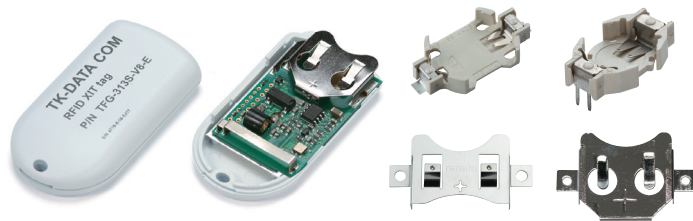


PS-85□ / PS-100□



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.

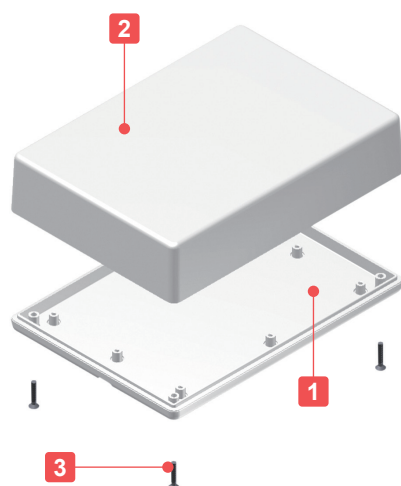
COMPATIBLE COIN CELL BATTERY HOLDERS CHART

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



Technical Data

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



- Universal plastic enclosure with screw fastening.
- 26 sizes are available in 2 colors; Black (ABS UL94HB) and Off-white (ABS UL94V-0).
- Suitable for measuring instruments, testing devices, wireless communication devices, medical devices, and more.

Components

No.	Part name	Pcs	Material : Color / Finish
1	Cover	1	TW : ABSUL94HB / Black
			TWN : ABS UL94V-0 / Off-white
2	Bottom base	1	TW : ABSUL94HB / Black
			TWN : ABS UL94V-0 / Off-white
3	Self-tapping screw	2 or 4	TW : Steel / Black trivalent chromate
			TWN : Steel / Nickel plated

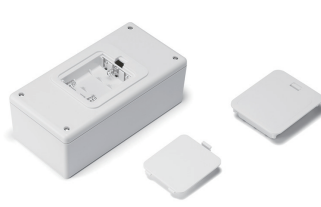
Accessories (Optional parts)



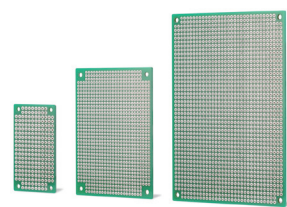
Silicone band SIB series
See page 90



Suspension bracket WM series
See page 391



Embedded battery box BC series
See page 381 ~ 383



Universal PCB PCB series
See website



Adhesive standoff AST series
See page 394



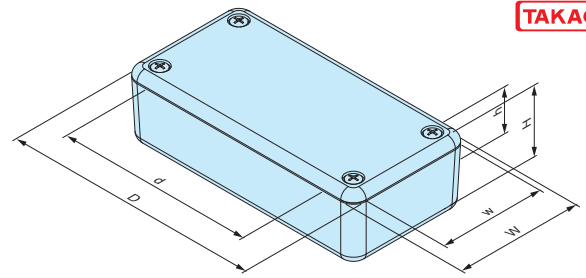
PCB mounting screw EM series
See page 398



Tapping standoff TPS series
See page 397

Color Type

Series	Code	Color	Screw
TW	B	Black	Black trivalent chromate
TWN	W	Off-white	Nickel plated



TW series (ABS UL94HB)

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

Product no. / Details

Product no.	External dimensions			Internal dimensions			Screw (Self-tapping flat head)	Weight (g)
	W	H	D	w	h	d		
TW 4-2- 5B	35	20	50	28.2	12	32.6	M2.6-12 x 2 pcs	13.5
TW 4-2- 6B	35	20	60	28.2	12	42.6	M2.6-12 x 2 pcs	15.5
TW 4-2- 8B	40.3	20	80.3	33.5	12	62.5	M2.6-12 x 2 pcs	22
TW 5-2- 5B	50	15	50	42.8	7	31.9	M2.6-12 x 4 pcs	18
TW 5-2- 7B	50	15	70	43.2	7	52.9	M2.6-12 x 4 pcs	22
TW 5-3- 5B	50	25	50	42.8	17	31.9	M2.6-12 x 4 pcs	22
TW 5-3- 7B	50	27.5	70	43.2	19.5	52.9	M2.6-12 x 4 pcs	29
TW 5-3- 9B	45	25	90	37.7	16	69.4	M3-12 x 4 pcs	30.5
TW 5-3-10B	50	30	100	42.4	20.8	80.8	M2.6-12 x 4 pcs	41.5
TW 5-4- 7B	50	40	70	42.5	32	52.9	M2.6-12 x 4 pcs	35
TW 7-2-11B	70	20	105	61.2	10.5	83	M2.6-14 x 4 pcs	56.5
TW 7-3-13B	65	25.6	130	55.3	14.3	105	M3-16 x 4 pcs	76
TW 7-4-11B	70	35	105	61.2	25.5	83	M2.6-14 x 4 pcs	70
TW 7-5-11B	70	50	105	61.1	40.5	83	M2.6-14 x 4 pcs	83
TW 7-5-13B	65	50.1	130	55.3	38.8	105	M3-16 x 4 pcs	100
TW 8-2- 8B	80	20	80	71.6	10.5	59	M2.6-12 x 4 pcs	49
TW 8-4- 8B	80	40	80	71.6	30.5	59	M2.6-12 x 4 pcs	65
TW 9-4-17B	85.5	35.5	170	75.7	24	143	M3-16 x 4 pcs	133
TW 9-6-17B	85.5	60.5	170	75.7	49	143	M3-16 x 4 pcs	168
TW11-5-22B	110	45.3	220	100.1	33.8	191	M3-16 x 4 pcs	223
TW11-8-22B	110	75.3	220	99.3	63.8	191	M3-16 x 4 pcs	277
TW13-3-13B	125	25	125	114.5	13.7	100	M3-16 x 4 pcs	135
TW13-3-18B	125	25	175	114.5	13.7	148	M3-16 x 4 pcs	184.5
TW13-5-13B	125	45	125	114.5	33.7	100	M3-16 x 4 pcs	165.5
TW13-5-18B	125	45	175	114.5	33.7	148	M3-16 x 4 pcs	218
TW13-7-18B	125	65	175	114.2	53.7	148	M3-16 x 4 pcs	254

TWN series (ABS UL94V-0)

Product no. / Details

Product no.	External dimensions			Internal dimensions			Screw (Self-tapping flat head)	Weight (g)
	W	H	D	w	h	d		
TWN 4-2- 5W	35	20	50	28.2	12	32.6	M2.6-12 x 2 pcs	16.5
TWN 4-2- 6W	35	20	60	28.2	12	42.6	M2.6-12 x 2 pcs	18
TWN 4-2- 8W	40.3	20	80.3	33.5	12	62.5	M2.6-12 x 2 pcs	26
TWN 5-2- 5W	50	15	50	42.8	7	31.9	M2.6-12 x 4 pcs	20
TWN 5-2- 7W	50	15	70	43.2	7	52.9	M2.6-12 x 4 pcs	24.5
TWN 5-3- 5W	50	25	50	42.8	17	31.9	M2.6-12 x 4 pcs	26
TWN 5-3- 7W	50	27.5	70	43.2	19.5	52.9	M2.6-12 x 4 pcs	33
TWN 5-3- 9W	45	25	90	37.7	16	69.4	M3-16 x 4 pcs	35
TWN 5-3-10W	50	30	100	42.4	20.8	80.8	M2.6-12 x 4 pcs	46.5
TWN 5-4- 7W	50	40	70	42.5	32	52.9	M2.6-12 x 4 pcs	39.5
TWN 7-2-11W	70	20	105	61.2	10.5	83	M2.6-14 x 4 pcs	64.5
TWN 7-3-13W	65	25.6	130	55.3	14.3	105	M3-16 x 4 pcs	85
TWN 7-4-11W	70	35	105	61.2	25.5	83	M2.6-14 x 4 pcs	80
TWN 7-5-11W	70	50	105	61.1	40.5	83	M2.6-14 x 4 pcs	94.5
TWN 7-5-13W	65	50.1	130	55.3	38.8	105	M3-16 x 4 pcs	115.5
TWN 8-2- 8W	80	20	80	71.6	10.5	59	M2.6-12 x 4 pcs	55.5
TWN 8-4- 8W	80	40	80	71.6	30.5	59	M2.6-12 x 4 pcs	75
TWN 9-4-17W	85.5	35.5	170	75.7	24	143	M3-16 x 4 pcs	151
TWN 9-6-17W	85.5	60.5	170	75.7	49	143	M3-16 x 4 pcs	191
TWN11-5-22W	110	45.3	220	100.1	33.8	191	M3-16 x 4 pcs	254
TWN11-8-22W	110	75.3	220	99.3	63.8	191	M3-16 x 4 pcs	316
TWN13-3-13W	125	25	125	114.5	13.7	100	M3-16 x 4 pcs	156.5
TWN13-3-18W	125	25	175	114.5	13.7	148	M3-16 x 4 pcs	206.5
TWN13-5-13W	125	45	125	114.5	33.7	100	M3-16 x 4 pcs	190
TWN13-5-18W	125	45	175	114.5	33.7	148	M3-16 x 4 pcs	249
TWN13-7-18W	125	65	175	114.2	53.7	148	M3-16 x 4 pcs	290.5

CBS series**RUBBER STRAIN RELIEF CORD PROTECTOR****Application example**

Installed onto SIC series

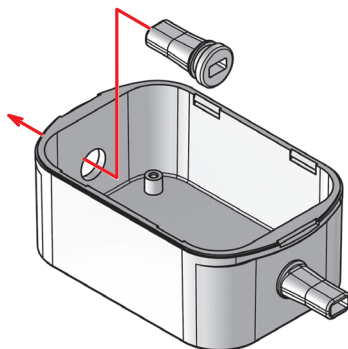


Installed onto EX series

- A total of 8 different sizes available for selection.
- Strain relief cord protector helps relieve flex stress and prevents damage to cables.
※ Does not prevent cables from being dislodged.
- 2 types - round and flat - are available.
- Insert from the inner side of the case / panel of the enclosure.
- Made from high heat resistant silicone material.

Technical Data

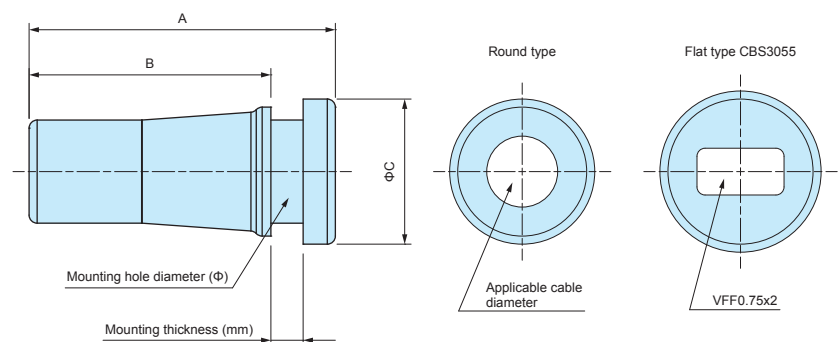
Operating temperature:
-40°C ~ +100°C

Installation steps

- ① Insert into the mounting hole from the inside.
 - ② Thread the cable through the protector.
- ※ Protector must be installed first.

CBS dimensions

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

**Product no. / Details**

Product no.		A	B	C	Applicable cable diameter / type	Mounting hole diameter (Φ)	Mounting thickness (mm)	Material	Pack of
● Black	● Off-white								
CBS3055-15B	CBS3055-15W	18.5	15	10	VFF0.75x2	7.6 ~ 7.8	1.5 ~ 2.0	Silicone	10
CBS3055-20B	CBS3055-20W	19	15	10	VFF0.75x2	7.6 ~ 7.8	2.0 ~ 2.5	Silicone	10
CBS35-15B	CBS35-15W	16.5	13	8	Φ3.5	5.6 ~ 5.8	1.5 ~ 2.0	Silicone	10
CBS35-20B	CBS35-20W	17	13	8	Φ3.5	5.6 ~ 5.8	2.0 ~ 2.5	Silicone	10
CBS45-15B	CBS45-15W	18.5	15	9	Φ4.5	6.6 ~ 6.8	1.5 ~ 2.0	Silicone	10
CBS45-20B	CBS45-20W	19	15	9	Φ4.5	6.6 ~ 6.8	2.0 ~ 2.5	Silicone	10
CBS60-15B	CBS60-15W	20.5	17	10.5	Φ6.0	8.1 ~ 8.3	1.5 ~ 2.0	Silicone	10
CBS60-20B	CBS60-20W	21	17	10.5	Φ6.0	8.1 ~ 8.3	2.0 ~ 2.5	Silicone	10

DST series**DOUBLE-SIDED MOUNTING TAPE**

- Super strong double-sided mounting tape with excellent cold and heat resistance.
- Allow cases to be attached onto any place.
- Easily attached onto walls where holes cannot be drilled.
- Can be used with a range of products, such as small IoT type enclosures.

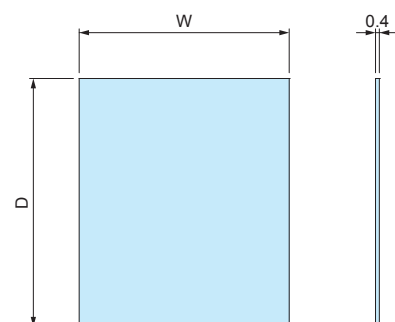
- Please ensure that surface is cleaned and grease-free before adhering.
- Once removed, it cannot be adhered on again.

Notes:

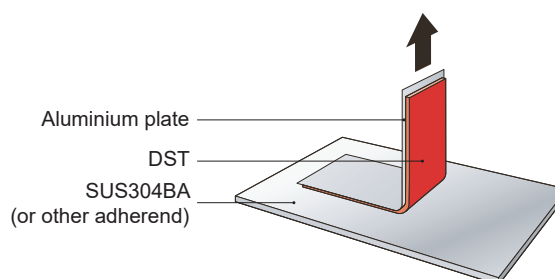
Due to the strong adhesive strength,
do ensure that the surface or product is suitable to be adhered onto.

Technical Data

Operating temperature:
-30°C ~ +200°C

**Adhesion Performance (90° peel adhesion)**

90° direction peel force N/cm	Stainless steel (SUS304BA)	24
	Aluminium (A1050P)	21
	Bonded steel plate (SECC)	30
	ABS	10
	Acrylic (PMMA)	16
	Polypropylene	6
	Polyethylene (HDPE)	3
	Glass	27

**[Test Method]**

Backed with specially treated Aluminium foil (130 μ m), crimped with a 10kg steel roller back and forth twice, cured at room temperature for 72 hours, tensile speed 300mm/min.

*Data values listed are test results based on the test conditions, and are to be used as reference only.

*Adhesive strength and other physical properties vary depending on the adherend, bonding and curing conditions, and other factors.

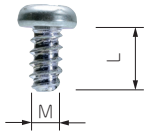
Product no. / Details

■ Material / Color: Acrylic foam base, acrylic adhesive / gray

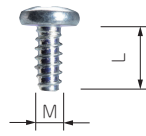
Product no.	W	D	Suitable models	Weight (g)	Pack of
NEW DST14-22	14	22	SIC2-4-1 SW-30	0.3 / pc	5
NEW DST14-36	14	36	SIC2-5-1	0.4 / pc	5
DST18-40	18	40	SIC3-5-2 SW-(T)40 • 60	0.7 / pc	5
DST22-26	22	26	SIC3-4-2 SW-(T)40	0.5 / pc	5
DST24-48	24	48	SIC3-6-2 SW-50 • 53 • (N)(T)55 • (N)65 TW/TWN4-2-5 • 4-2-6 • 4-2-8	0.8 / pc	5

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.

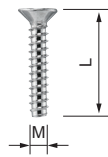
Product no. / Details

■ Material / Finish : Steel / Trivalent chromate

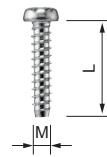
Product no.	M	L	Head type	Suitable models	Pack of
EM-1.6	1.6	4	Pan	SMW • CSS • CS SIC • SIM • WC • PS (M1.6 boss models)	50
EM-2	2	5	Pan	PS • TW • TWN • TWF SIC • SIM • PF • WC • WP (M2 boss models)	50
NEW EM-B2	2	5	Bind	SIC • SIM (M2 boss models) SIC • SIM6-12-□ (when installing PCB46-101)	50
EM-2.3	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



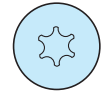
Pan head



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**

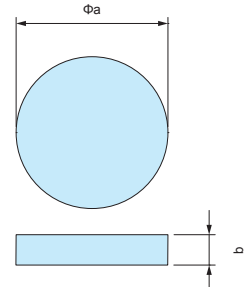
■ DXF/DWG/PDF drawings available on our website.



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

Product no. / Details

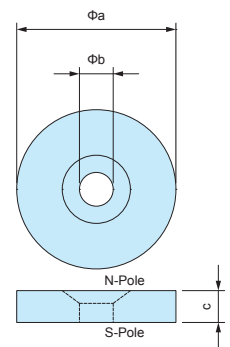
Product no.	a	b	Weight (g)	Flux Density	Absorption
NMG3-15N	15	3	4	214.4 mT	2.44 kgf
NMG3-20N	20	3	7.1	170.7 mT	3.26 kgf
NMG5-22N	22	5	11.4	247.2 mT	5.91 kgf
NMG5-25N	25	5	18.4	221.9 mT	6.89 kgf

NMG dimensions**Round magnet with countersunk hole**

- Please fasten with a screw.

**Product no. / Details**

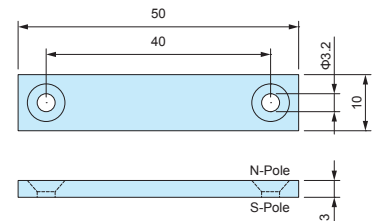
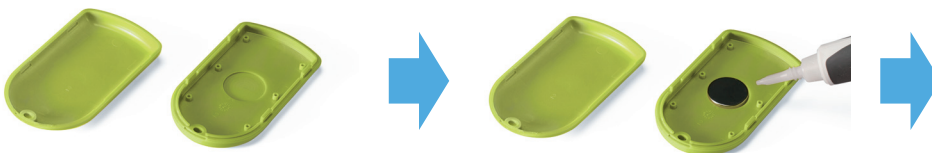
Product no.	a	b	c	Countersunk size	Weight (g)	Flux Density	Absorption
NMG3-15M3	15	3.2	3	M3	3.8	214.3 mT	2.33 kgf
NMG3-20M3	20	3.2	3	M3	6.9	170.6 mT	3.17 kgf
NMG5-22M4	22	4.3	5	M4	13.7	247.2 mT	5.68 kgf
NMG5-25M5	25	5.3	5	M5	17.6	221.9 mT	6.58 kgf

**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

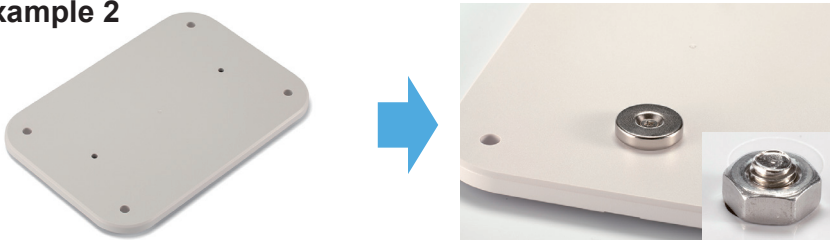
**Example 1** The magnetic force remains strong even through plastic.

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.