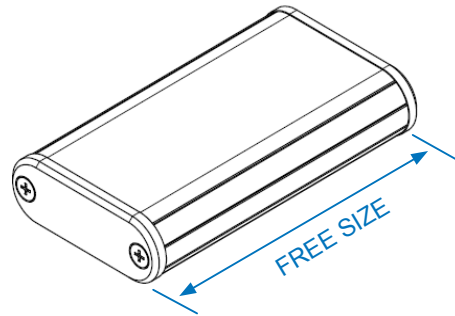
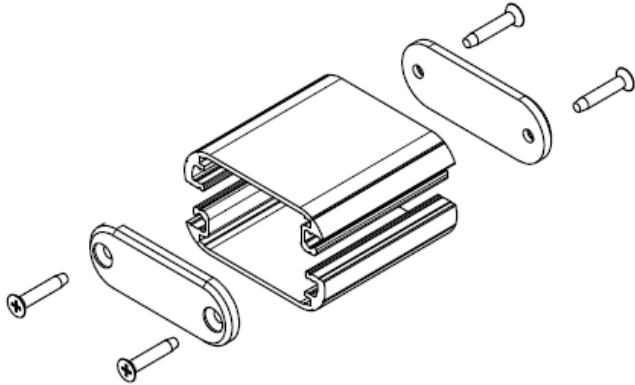


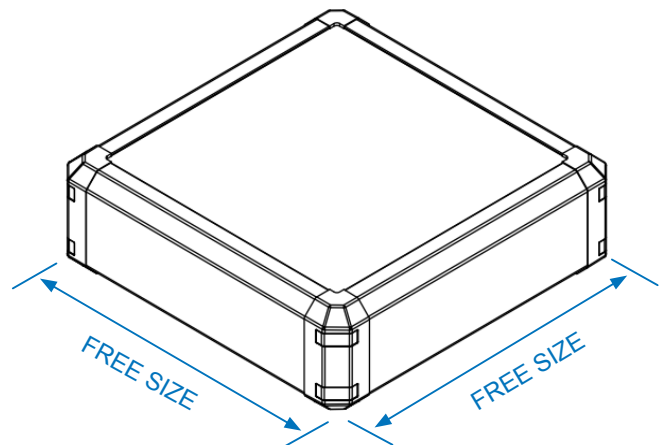
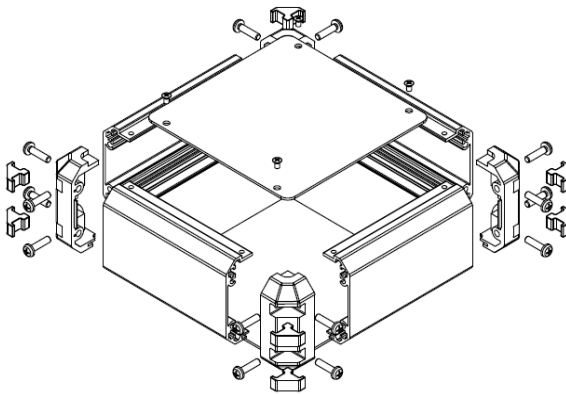
VARIETY OF CUSTOM SIZED ENCLOSURES

Extruded models are adjustable in extrusion length (depth) in 0.1mm or 1.0mm intervals.
Sheet-metal models are adjustable in W/D/H dimensions in 1.0mm intervals.

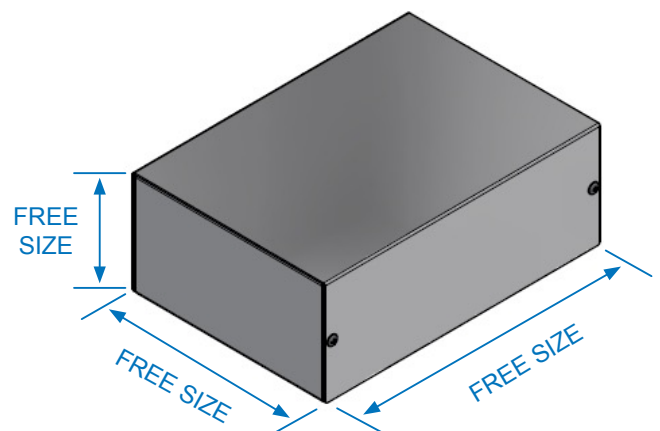
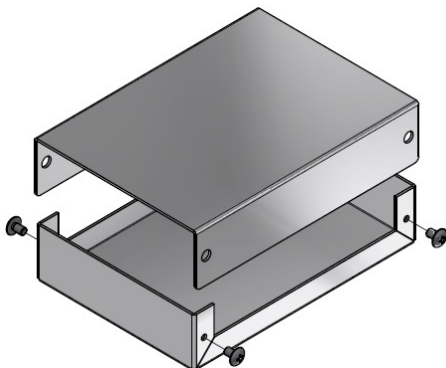
EXTRUDED ALUMINIUM MODEL



4 SIDE-EXTRUDED ALUMINIUM MODEL



SHEET METAL MODEL



More custom sized models are available.

https://www.takachi-enclosure.com/cat/flexible_size

INQUIRING CUSTOM SIZED ENCLOSURES

- 1 Navigate to the free-size product page you wish to inquire on our website and click on the button indicated by the  arrow.



Custom sized shock-proof design instrument enclosure.
Corner guards are designed to be both aesthetically pleasing, and impact resistant.

Selectable 22 different Width/Height profiles and specified length (depth) from 40 to 500mm in 1mm intervals.
16 different color combinations can be specified.

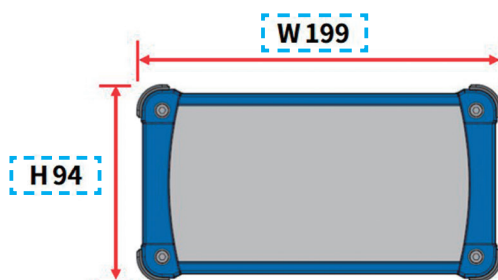


CUSTOM SIZE WEB QUOTATION	3D View - Silver/Navy	3D View - 16 color types
3D View - With tilt legs	Exploded view	Color code

■ If there is no "WEB QUOTATION" click button, please send us your inquiry from the "INQUIRY FORM" on the CONTACT tab on our website.

- 2 Go to the CUSTOM SIZE WEB QUOTATION page and enter your preferred dimensions.

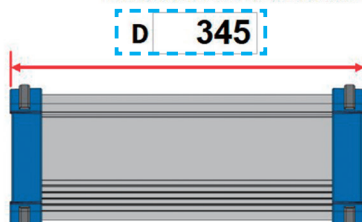
STEP1 Select required width / height.



Select	W	H	Select	W	H
☐	69	34	☐	151	81
☐	69	44	☐	151	101
☐	69	59	☐	199	56
☐	89	39	☐	199	74
☐	89	49	☒	199	94
☐	89	64	☐	199	119
☐	116	41	☐	244	64
☐	116	56	☐	244	89
☐	116	71	☐	244	114
☐	151	46	☐	300	90
☐	151	61	☐	300	140

STEP2 Specify size D(depth) ... Enter dimensions in 1mm intervals.

Available from 40 to 500mm



*NOTE: Specified size D(depth) ≠ available internal dimension

Available internal dimension = **D dimension - 20mm**

Please take caution when calculating required D dimension.

- 3 After entering the quantity, click on the button indicated by the → arrow to generate a Product No.

STEP4 **Quantity** ※Quantity can be specified up to 5 slots.

pcs

▶Add quantity



▶ **GENERATE PRODUCT NO.**

Product No. **EXPS199 – 94 – 345SN** ※Please use this model number when ordering.

- 4 After entering your details and the message in our INQUIRY FORM, click on the CONFIRM button.

STEP5 **INQUIRY FORM**

Fill out the inquiry form and send it. We will give you quotation by Email.
Inquiry from the country where the distributor is located will be answered by the distributor.

Fields marked with ★ are required

Product No. **EXPS199-94-345SN** Quantity ★

E-mail ★

Company ★

Your name ★ ☐ Mr. ☒ Ms. First name Last name

Country ★

Message



▶ **CONFIRM**

Our privacy policy have been designed to ensure that personal information is not misused or used for purposes other than it is intended for.
[PRIVACY POLICY](#)

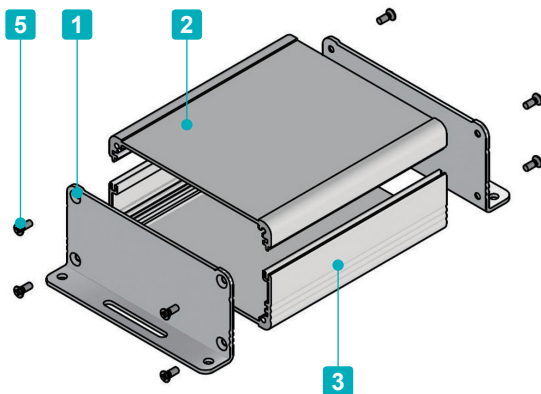
- 5 A TAKACHI sales representative will get in touch with you with a quote via e-mail.



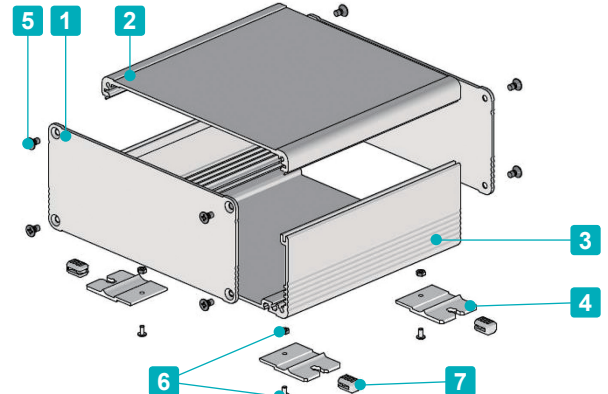


- Selectable in 20 different Width / Height types, with adjustable length (depth) in 1mm intervals from 40 to 500mm.
- Equipped with flanged panel or bracket for easy wall mounting.
- Flanged panel type or flanged bracket type extruded aluminium enclosure.
- Rubber feet are included only on EXFS19-□, 23-□ and 29-□ models.

Flanged panel type EXFS6-□, 8-□, 11-□ and 14-□



Flanged bracket type EXFS19-□, 23-□ and 29-□



Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged panel (EXFS 61-□, 81-□, 106-□ and 141-□) Panel (EXFS 187-□, 232-□, and 288-□)	2	Aluminium A1050P	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Flange bracket (only for EXFS 187-□, 232-□, and 288-□)	4	Extruded aluminium A6063S-T5	Metallic silver / Painted
5	Panel screw (Phillips head)	8	Stainless steel	Unfinished
6	Flange screw (EXFS 187-□, 232-□, and 288-□)	4 each	Steel	Black trivalent chromate
7	Rubber feet (EXFS 187-□, 232-□, and 288-□)	8	Silicone	Black

■ See page EXFS-5 to 8 for Top / Bottom cover dimensions.

Product Number

To determine a product number, fill W-H, D length and select Color code in the following blank boxes.

Product no. EXFS -

1 W-H 1 D length 2 Color code

Numbering example: W-H:106-48 x D:123 and SB color code → EXPFS106-48-123SB

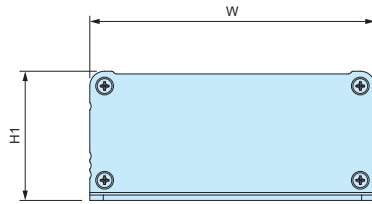
EXFS 106 - 48 - 123 SB

1 Dimensions

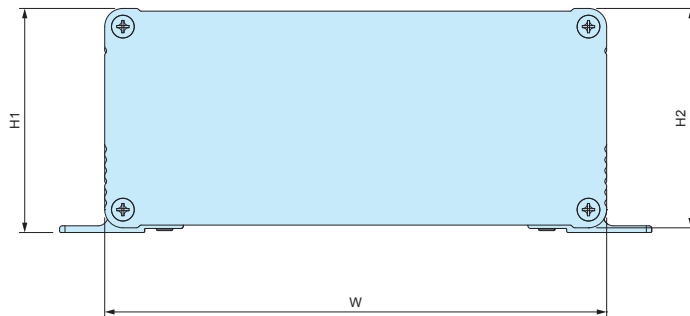
To select W-H dimensions from the table below, and D length in 1mm intervals.

Width-Height dimensions

Flanged panel type EXFS61-□, 81-□, 106-□ and 141-□

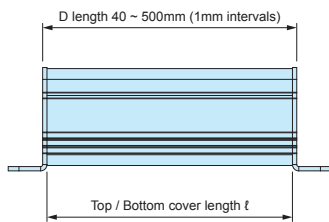


Flanged bracket type EXFS187-□, 232-□ and 288-□

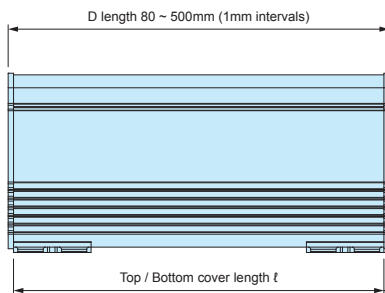


W-H No.	W	H1	H2
61- 28	60.6	27.6	-
61- 38	60.6	37.6	-
61- 53	60.6	52.6	-
81- 33	80.6	32.6	-
81- 43	80.6	42.6	-
81- 58	80.6	57.6	-
106- 33	106	33	-
106- 48	106	48	-
106- 63	106	63	-
141- 38	141	38	-
141- 53	141	53	-
141- 73	141	73	-
141- 93	141	93	-
187- 44	186.5	45.25	43.5
187- 62	186.5	63.25	61.5
187- 82	186.5	83.25	81.5
187-107	186.5	108.25	106.5
232- 52	232	53.5	52
232- 77	232	78.5	77
232-102	232	103.5	102
288- 78	287.5	78.75	77.5
288-128	287.5	128.75	127.5

D length



Flanged panel type
EXFS 61-□, 81-□, 106-□ and 141-□



Flanged bracket type
EXFS 187-□, 232-□ and 288-□

W-H No.	ℓ
61-□	D-4
81-□	D-4
106-□	D-4
141-□	D-4
187-□	D-5
232-□	D-6
288-□	D-6

■ D length can be requested in 0.1mm intervals, but with higher tolerances (±0.3mm).

■ See page EXFS-3 detailed dimensions.

2 Color

To select color code from the table below.

*For flange bracket models, color will be the same as top • bottom cover.

Code	[S][S] Silver / Silver	[S][B] Silver / Black	[B][S] Black / Silver	[B][B] Black / Black
Color				

Lead Time

Custom Size Only
Custom Size + Hole Milling

4 business days (1 ~ 5 pcs)
9 business days (1 ~ 5 pcs)

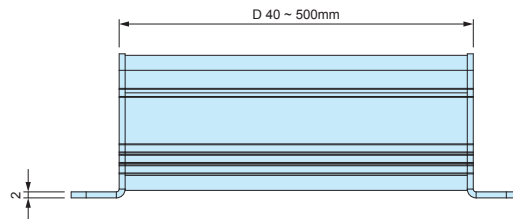
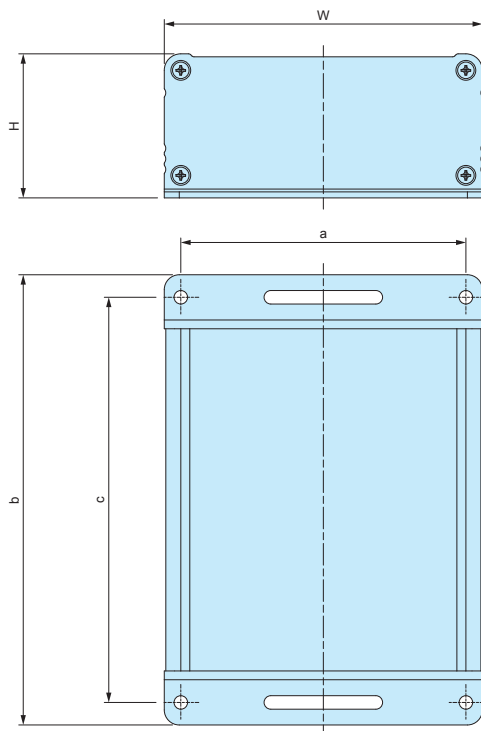
Order Inquiry

For more information, contact us here at sales@takachi-el.co.jp.

EXFS Dimensions

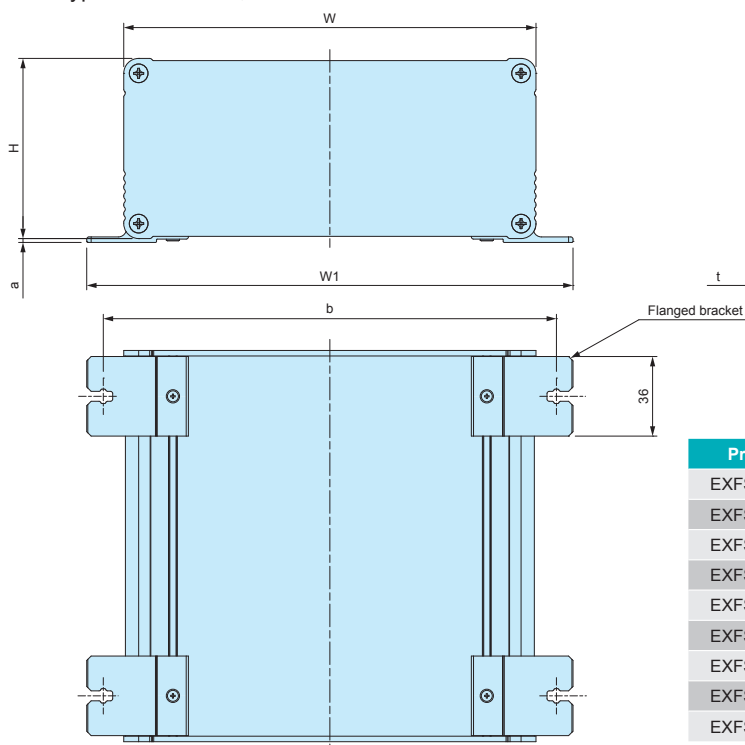
■ DXF/DWG/PDF drawings available on our website.

Flanged panel type EXFS61-□, 81-□, 106-□ and 141-□



Product no.	W	H	a	b	c
EXFS 61-28-□	60.6	27.6	52	D+28	D+16
EXFS 61-38-□	60.6	37.6	52	D+28	D+16
EXFS 61-53-□	60.6	52.6	52	D+28	D+16
EXFS 81-33-□	80.6	32.6	72	D+32	D+20
EXFS 81-43-□	80.6	42.6	72	D+32	D+20
EXFS 81-58-□	80.6	57.6	72	D+32	D+20
EXFS106-33-□	106	33	95	D+32	D+17
EXFS106-48-□	106	48	95	D+32	D+17
EXFS106-63-□	106	63	95	D+32	D+17
EXFS141-38-□	141	38	130	D+32	D+17
EXFS141-53-□	141	53	130	D+32	D+17
EXFS141-73-□	141	73	130	D+32	D+17
EXFS141-93-□	141	93	130	D+32	D+17

Flanged bracket type EXFS187-□, 232-□ and 288-□

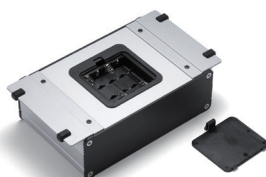


Product no.	W	W1	H	a	b	t
EXFS187- 44-□	186.5	220	43.5	1.75	205	2.5
EXFS187- 62-□	186.5	220	61.5	1.75	205	2.5
EXFS187- 82-□	186.5	220	81.5	1.75	205	2.5
EXFS187-107-□	186.5	220	106.5	1.75	205	2.5
EXFS232- 52-□	232	265	52	1.5	250	3
EXFS232- 77-□	232	265	77	1.5	250	3
EXFS232-102-□	232	265	102	1.5	250	3
EXFS288- 78-□	287.5	320	77.5	1.25	305	3
EXFS288-128-□	287.5	320	127.5	1.25	305	3

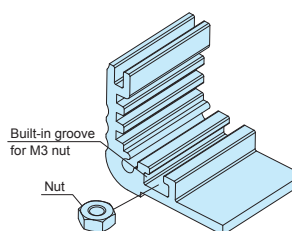
Accessories (Optional parts)



Rubber strain relief cord protector CBS series
See page CBS



Embedded battery box BC series
See page 125 ~ 128



Sliding nut for EXF • EXFS MT-3N
See page EXF • EXFS-4

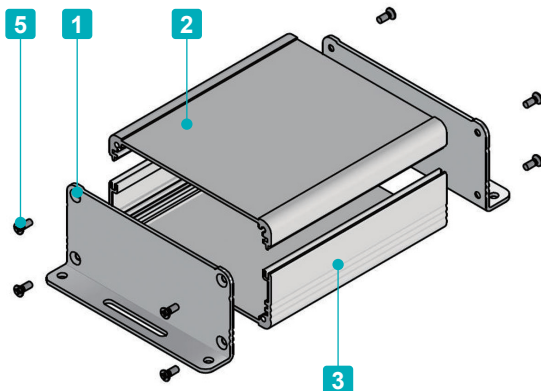


Insert nut adhesive standoff AST series
See page 121

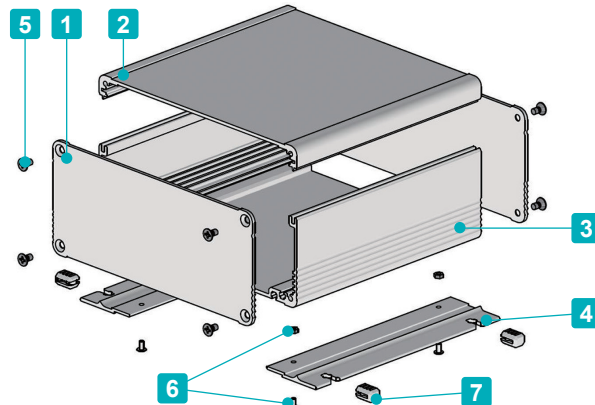


- Flanged panel type or flanged bracket type extruded aluminium enclosure.
- Equipped with flanged panel or bracket for easy wall mounting.
- Anodized finish with clear coating (except for flanged bracket) and selectable from 4 different color combinations.
- Rubber feet are included only on EXF19-□, 23-□ and 29-□ models.
- Custom length is available.

Flanged panel type EXF6-□, 8-□, 11-□ and 14-□



Flanged bracket type EXF19-□, 23-□ and 29-□



Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged panel (EXF6-□, 8-□, 11-□, 14-□) Panel (EXF19-□, 23-□, 29-□)	2	Aluminium A1050P	Silver • Black / Anodized
2	Top cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
3	Bottom cover	1	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
4	Flange bracket (only for EXF19-□, 23-□, and 29-□)	2	Extruded aluminium A6063S-T5	Metallic silver / Painted • Black / Anodized
5	Panel screw (Phillips head)	8	Stainless steel	Unfinished
6	Flange screw / nut (only for EXF19-□, 23-□, and 29-□)	4 each	Steel	Black trivalent chromate
7	Rubber feet (only for EXF19-□, 23-□, and 29-□)	4	Silicone	Black

Color Type *For flange bracket models, color will be the same as top • bottom cover.

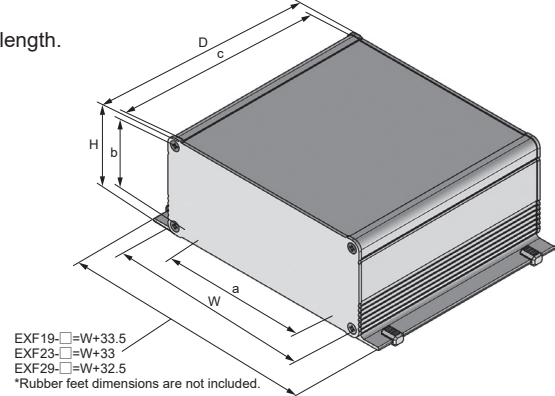
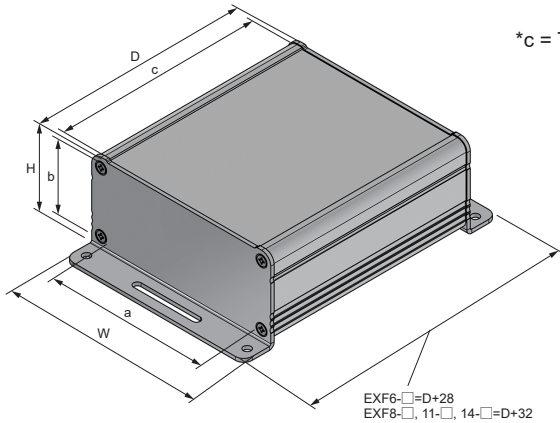
Code	S S Silver / Silver	S B Silver / Black	B S Black/Silver	B B Black/Black
Color				

EXF dimensions

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

Flanged panel type EXF6-□, 8-□, 11-□ and 14-□

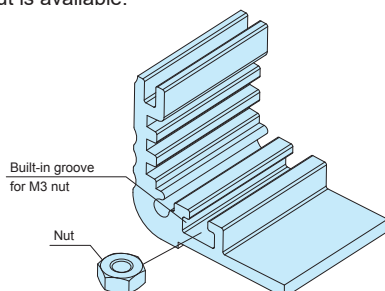
Flanged bracket type EXF19-□, 23-□ and 29-□



Product no. / Details

Product no.	External dimensions			Internal dimensions			Weight (g)
	W	H	D	a	b	c	
EXF 6-3- 5□□	60.6	27.6	50	46	19.6	46	63
EXF 6-3- 8□□	60.6	27.6	77	46	19.6	73	85
EXF 6-3-10□□	60.6	27.6	100	46	19.6	96	105
EXF 6-4- 5□□	60.6	37.6	50	46	29.6	46	75
EXF 6-4- 8□□	60.6	37.6	77	46	29.6	73	101
EXF 6-4-10□□	60.6	37.6	100	46	29.6	96	124
EXF 6-5- 5□□	60.6	52.6	50	46	44.6	46	92
EXF 6-5- 8□□	60.6	52.6	77	46	44.6	73	122
EXF 6-5-10□□	60.6	52.6	100	46	44.6	96	148
EXF 8-3- 6□□	80.6	32.6	60	66	24.6	56	106
EXF 8-3- 9□□	80.6	32.6	90	66	24.6	86	143
EXF 8-3-12□□	80.6	32.6	120	66	24.6	116	180
EXF 8-4- 6□□	80.6	42.6	60	66	34.6	56	122
EXF 8-4- 9□□	80.6	42.6	90	66	34.6	86	162
EXF 8-4-12□□	80.6	42.6	120	66	34.6	116	203
EXF 8-6- 6□□	80.6	57.6	60	66	49.6	56	145
EXF 8-6- 9□□	80.6	57.6	90	66	49.6	86	189
EXF 8-6-12□□	80.6	57.6	120	66	49.6	116	234
EXF11-3- 8□□	106	33	78	88	24	74	177
EXF11-3-12□□	106	33	118	88	24	114	244
EXF11-3-16□□	106	33	164	88	24	160	322
EXF11-5- 8□□	106	48	78	88	39	74	206
EXF11-5-12□□	106	48	118	88	39	114	279
EXF11-5-16□□	106	48	164	88	39	160	364
EXF11-6- 8□□	106	63	78	88	54	74	238
EXF11-6-12□□	106	63	118	88	54	114	319
EXF11-6-16□□	106	63	164	88	54	160	412
EXF14-4-10□□	141	38	97	106.8	29	93	287
EXF14-4-14□□	141	38	137	106.8	29	133	377
EXF14-4-19□□	141	38	187	106.8	29	183	491
EXF14-5-10□□	141	53	97	106.8	44	93	325
EXF14-5-14□□	141	53	137	106.8	44	133	422
EXF14-5-19□□	141	53	187	106.8	44	183	544
EXF14-7-10□□	141	73	97	106.8	64	93	371
EXF14-7-14□□	141	73	137	106.8	64	133	475
EXF14-7-19□□	141	73	187	106.8	64	183	606
EXF14-9-10□□	141	93	97	106.8	84	93	422
EXF14-9-14□□	141	93	137	106.8	84	133	536
EXF14-9-19□□	141	93	187	106.8	84	183	679

- Grooves for M3 sliding nut are built into the top and bottom covers (140mm or wider). Optional nut is available.

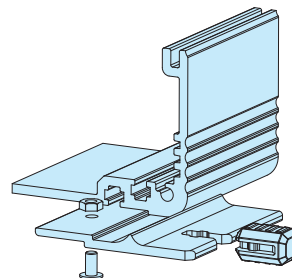


- Included screws
EXF 6-□ and 8-□ models : M2.5-8 x 8 pcs EXF11-□, 14-□ models : M3-8 x 8 pcs
EXF19-□ models : M4-10 x 8 pcs EXF23-□, 29-□ models : M5-10 x 8 pcs
- Please suffix color code at the end of the product number.

Product no.	External dimensions			Internal dimensions			Weight (g)
	W	H	D	a	b	c	
EXF19- 4-13□□	186.5	45.25	125	131	35	120	652
EXF19- 4-18□□	186.5	45.25	177	131	35	172	875
EXF19- 4-23□□	186.5	45.25	230	131	35	225	1,101
EXF19- 4-29□□	186.5	45.25	285	131	35	280	1,333
EXF19- 6-13□□	186.5	63.25	125	131	53	120	722
EXF19- 6-18□□	186.5	63.25	177	131	53	172	959
EXF19- 6-23□□	186.5	63.25	230	131	53	225	1,195
EXF19- 6-29□□	186.5	63.25	285	131	53	280	1,444
EXF19- 8-13□□	186.5	83.25	125	131	73	120	802
EXF19- 8-18□□	186.5	83.25	177	131	73	172	1,059
EXF19- 8-23□□	186.5	83.25	230	131	73	225	1,311
EXF19- 8-29□□	186.5	83.25	285	131	73	280	1,576
EXF19-11-13□□	186.5	108.25	125	131	98	120	926
EXF19-11-18□□	186.5	108.25	177	131	98	172	1,184
EXF19-11-23□□	186.5	108.25	230	131	98	225	1,463
EXF19-11-29□□	186.5	108.25	285	131	98	280	1,739
EXF23- 5-15□□	232	53.5	153	176	43	147	1,024
EXF23- 5-21□□	232	53.5	213	176	43	207	1,350
EXF23- 5-27□□	232	53.5	273	176	43	267	1,682
EXF23- 5-33□□	232	53.5	333	176	43	327	2,012
EXF23- 8-15□□	232	78.5	153	176	68	147	1,164
EXF23- 8-21□□	232	78.5	213	176	68	207	1,509
EXF23- 8-27□□	232	78.5	273	176	68	267	1,854
EXF23- 8-33□□	232	78.5	333	176	68	327	2,225
EXF23-10-15□□	232	103.5	153	176	93	147	1,303
EXF23-10-21□□	232	103.5	213	176	93	207	1,682
EXF23-10-27□□	232	103.5	273	176	93	267	2,060
EXF23-10-33□□	232	103.5	333	176	93	327	2,455
EXF29- 8-23□□	287.5	78.75	234	230	68	228	1,893
EXF29- 8-30□□	287.5	78.75	304	230	68	298	2,361
EXF29- 8-38□□	287.5	78.75	384	230	68	378	2,896
EXF29-13-23□□	287.5	128.75	234	230	118	228	2,305
EXF29-13-30□□	287.5	128.75	304	230	118	298	2,832
EXF29-13-38□□	287.5	128.75	384	230	118	378	3,433

- Custom length is available.

- Flange bracket is installed as per the diagram below.

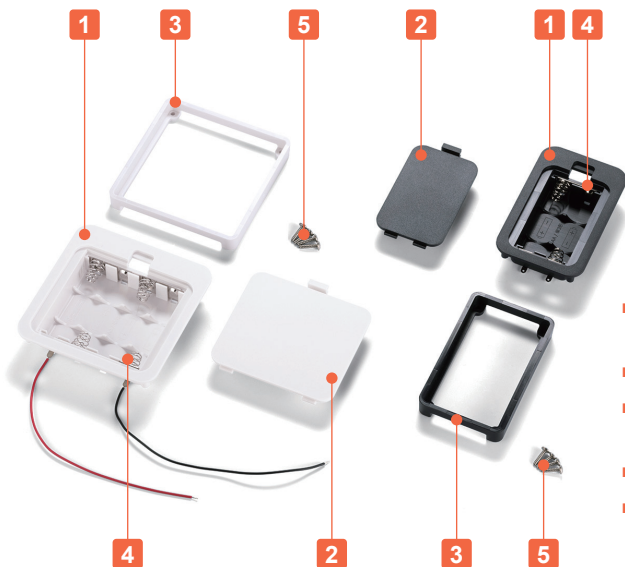




Technical Data

Operating temperature: -10°C ~ +60°C

Mount Example



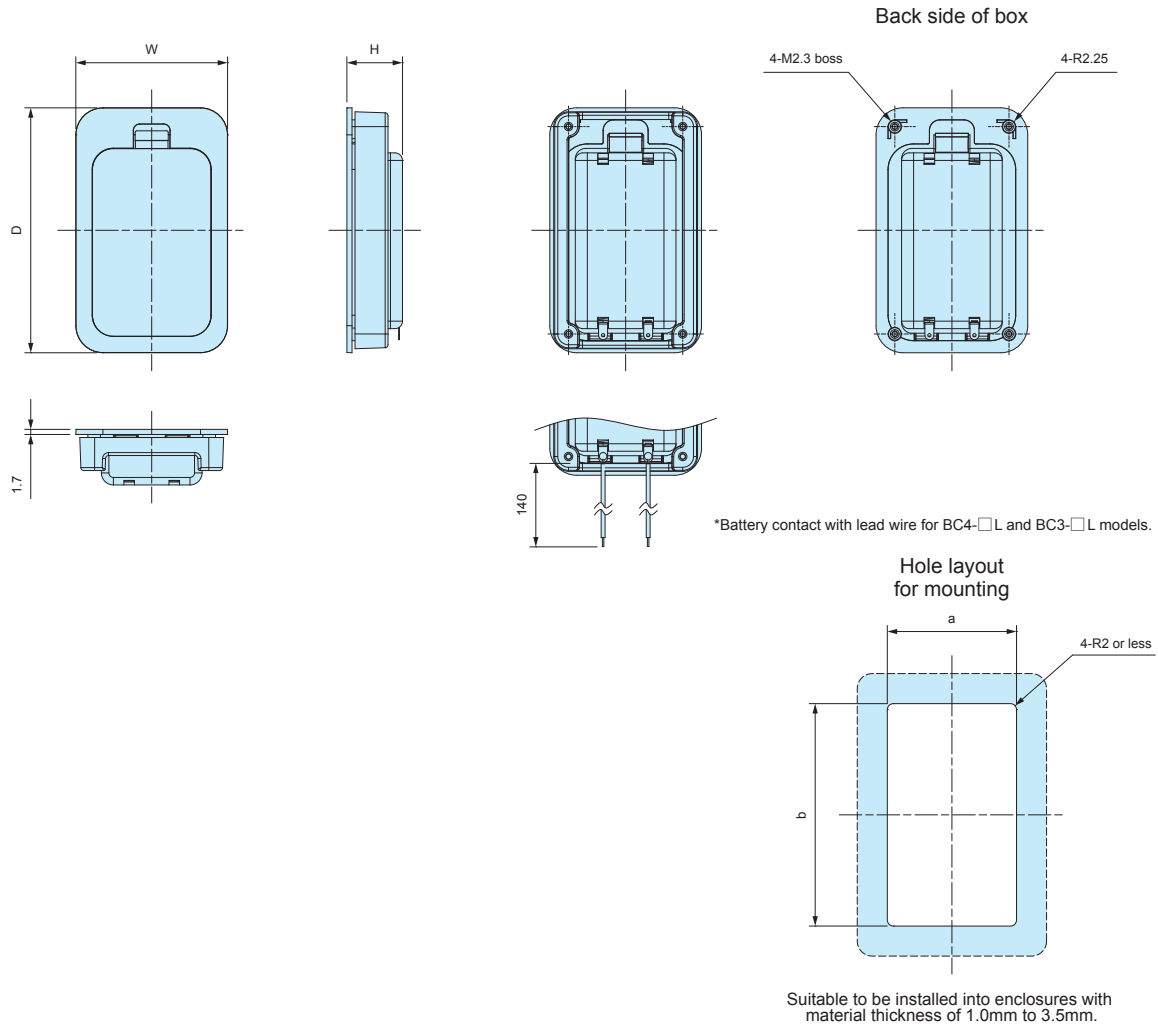
- Suitable to be installed into enclosures with material thickness of 1.0mm to 3.5mm.
- Cover can be opened/closed without any tool for easy battery replacement.
- 5 different battery layouts are available as AA x 2, AA x 3, AA x 4, AAA x 2 and AAA x 4. Each layout comes in 2 models: with lead-wire, and without lead-wire.
- ⊕⊖ markings prevents incorrect placement of battery.
- The dimensions of alkaline or manganese batteries may vary depending on country and brand. Use optional battery cushion sponge to prevent rattling.

Components

No.	Part name	Pcs	Material	Color / Finish
1	Box	1	ABS UL94V-0	Black • Off-white
2	Cover	1	ABS UL94V-0	Black • Off-white
3	Frame	1	ABS UL94V-0	Black • Off-white
4	Battery contact Lead wire (BC-L models)	1 set	Battery contact : Brass & steel wire Lead wire : PVC + Copper wire (UL1007 AWG26)	Nickel plated Black • Red
5	Self-tapping screw	4	Steel	Nickel plated

BC dimensions

- DXF/DWG/PDF/STP drawings available on our website.
- The shape and position of battery contacts vary by model.



Type: Without Lead Wire

Product no. / Details

Product no.		Dimensions					Battery layout	Weight (g)
● Black	● Off-white	W	H	D	a	b		
BC4-2-B	BC4-2-W	40	14.8	78.5	32.5	71	*AAA x 2	24.5
BC4-4-B	BC4-4-W	62	14.8	78.5	54.5	71	*AAA x 4	34.5
BC3-2-B	BC3-2-W	50.5	18.5	81.5	43	74	*AA x 2	31.5
BC3-3-B	BC3-3-W	65.5	18.5	81.5	58	74	*AA x 3	39
BC3-4-B	BC3-4-W	80.5	18.5	81.5	73	74	*AA x 4	46

*Alkaline or manganese batteries

Type: With Lead Wire

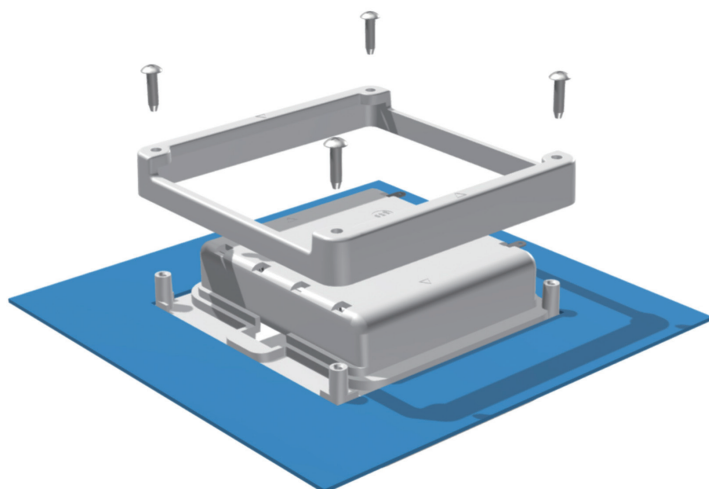
Product no. / Details

Product no.		Dimensions					Battery layout	Weight (g)
● Black	● Off-white	W	H	D	a	b		
BC4-2L-B	BC4-2L-W	40	14.8	78.5	32.5	71	*AAA x 2	25.5
BC4-4L-B	BC4-4L-W	62	14.8	78.5	54.5	71	*AAA x 4	35.5
BC3-2L-B	BC3-2L-W	50.5	18.5	81.5	43	74	*AA x 2	32.5
BC3-3L-B	BC3-3L-W	65.5	18.5	81.5	58	74	*AA x 3	40
BC3-4L-B	BC3-4L-W	80.5	18.5	81.5	73	74	*AA x 4	47

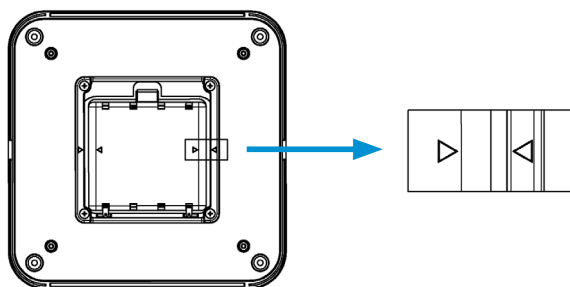
*Alkaline or manganese batteries

How to mount on the enclosures

- Insert battery box into the milled hole first, and fit the frame on the back side. Once mounted, secure the frame with screws.



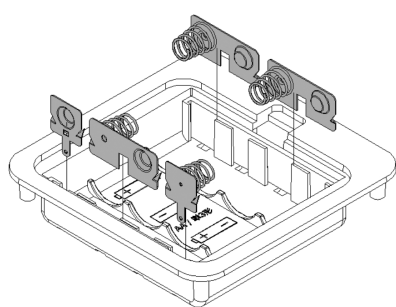
- For BC3-4□ models, ▷ markings are shown on the frame. Install by matching the markings.



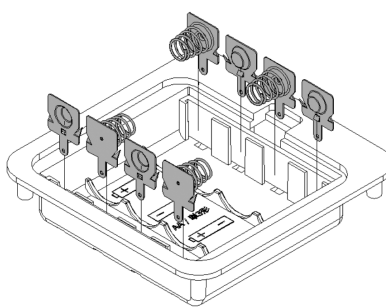
Parallel circuit conversion on BC series battery box

- BC-3□ models can be converted from a series to a parallel circuit. See below illustration for further details.
- IT series (IT-3 models) optional battery contacts can be used for parallel circuit conversion. (See website for more information)
- Use caution when installing or replacing the terminals to avoid the damage to the material.
- Parallel series conversion is available via our customization services.

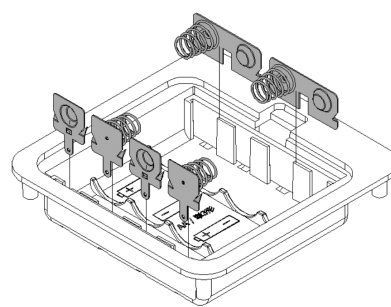
Conversion Example



Series Circuit (Standard)

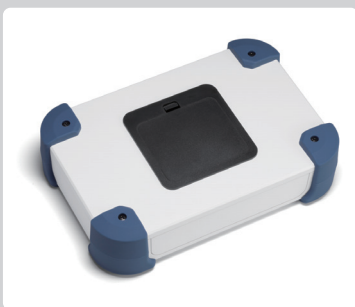


Parallel Circuit (4 batteries)



Parallel Circuit (2 batteries x 2)

Customization Available



For more information, contact us here:

Online form: https://www.takachi-enclosure.com/contact/form_contact
E-mail : sales@takachi-el.co.jp

MULTI-FUNCTION EXTRUDED ALUMINIUM CASE

EXPT • EXP • EXPE • EXW • EXPF • EXEF • EXWF series

The following series, by utilizing similar extrusion frames, are available in 7 different types, such as IP65-rated, EMC-shielded versions, and more. 73 different sizes are available.

CORNER GUARD

EXP series Page 225 ~ 226



FLANGED

EXPF series Page 233 ~ 234



IP65 CORNER GUARD

EXW series Page 169 ~ 170



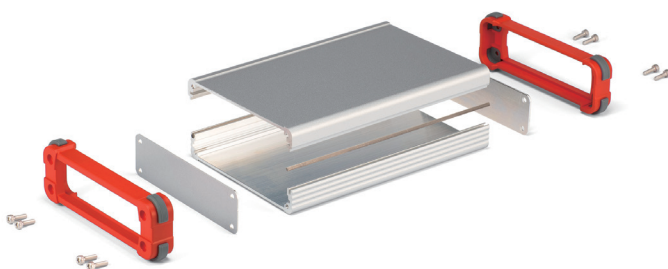
IP65 FLANGED

EXWF series Page 167 ~ 168



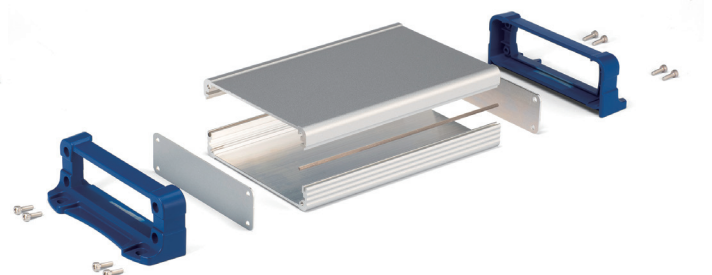
EMC CORNER GUARD

EXPE series Page 227 ~ 228



EMC FLANGED

EXEF series Page 235 ~ 236



WITH TILT LEG

EXPT series Page 229 ~ 230



Custom length available in 0.1mm intervals



16 COLOR COMBINATIONS

EXP series is available in 2 different body frame and 8 different exterior frame colors for a total of 16 different color types.



APPLICATION EXAMPLE

Measuring Instrument



Accessories (Optional parts)
Tilt leg TLW series
See page 239

Network / Communication Box



Controller



Ultrasonic Thickness Gauge



Radio Communication Tester

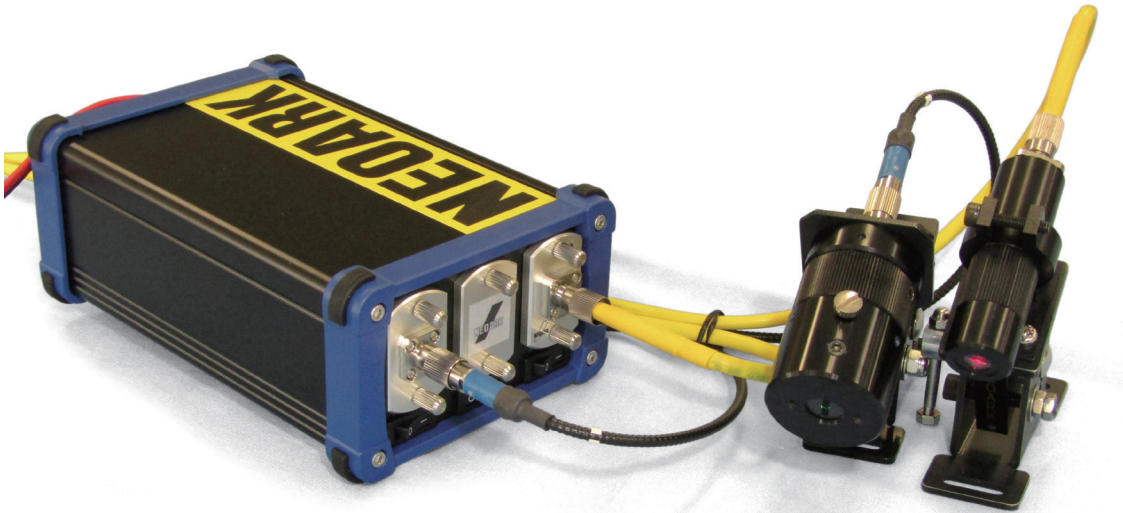
Tank Gauging System Interface Unit



Battery Monitoring System



Fiber Laser Projector



Desktop Load Cell Amplifier



ORAC Controller



Peristaltic DC Pump



Multi-Show Controller



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

Installed onto SIC series

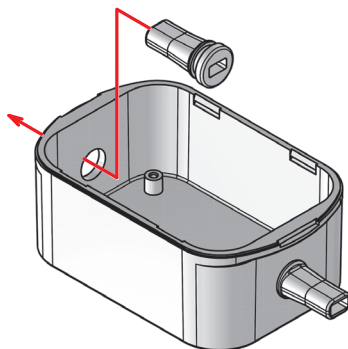


Installed onto EX series

- 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

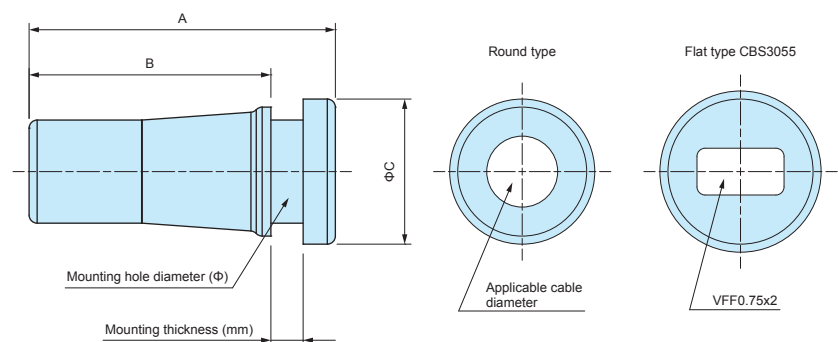
Operating temperature:
-40°C ~ +100°C

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

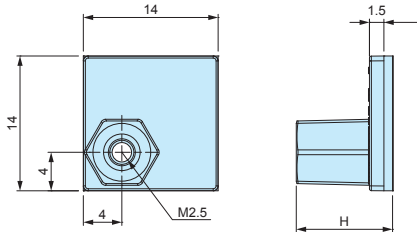
AST series**INSERT NUT ADHESIVE STANDOFF**

- Double-sided adhesive tape allows the standoff to be mounted quickly and easily; allows PCB mounting in non-boss enclosures.
- Convenient for installing PCBs into enclosures without the need for customization.
- Please ensure that surface is cleaned and grease-free before adhering.
- Once removed, it cannot be adhered on again.

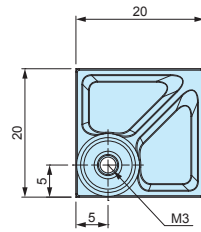
AST dimensions

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

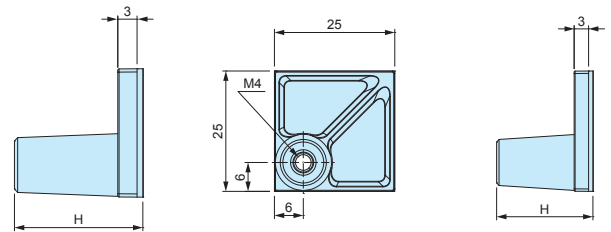
AST2.5-□



AST3-□



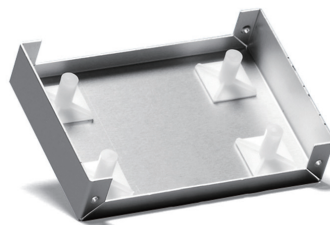
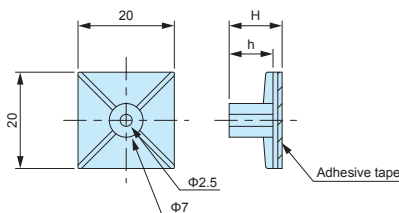
AST4-□

**Product no. / Details****Bulk package**

Product no	H dimension	Included screw	Recommended PCB thickness (mm)	Recommended torque (N · m)	Weight (g)	Pack of	Product no	Pack of
AST2.5-5B	5	M2.5-5 pan head	1.0 ~ 2.0	0.3	0.6 (1 piece)	4	AST2.5-5B-P	100
AST2.5-10B	10	M2.5-5 pan head	1.0 ~ 2.0	0.3	0.8 (1 piece)	4	AST2.5-10B-P	100
AST3-6B	6	M3-6 pan head	1.0 ~ 3.0	0.4	1.5 (1 piece)	4	AST3-6B-P	100
AST3-10B	10	M3-6 pan head	1.0 ~ 3.0	0.4	1.6 (1 piece)	4	AST3-10B-P	100
AST3-15B	15	M3-6 pan head	1.0 ~ 3.0	0.4	1.8 (1 piece)	4	AST3-15B-P	100
AST3-20B	20	M3-6 pan head	1.0 ~ 3.0	0.4	2.1 (1 piece)	4	AST3-20B-P	100
AST4-10.5B	10.5	M4-8 pan head	1.0 ~ 3.5	0.8	2.6 (1 piece)	4	AST4-10.5B-P	50
AST4-20B	20	M4-8 pan head	1.0 ~ 3.5	0.8	3.2 (1 piece)	4	AST4-20B-P	50

- Base material / color : Nylon 66 (UL94V-2) / Black
- Nut • screw material / finish : Steel / Trivalent chromate

- Bulk packaging is available. See "Bulk package" column above.
- Screws are not included for bulk packages.

ASR series**ADHESIVE PCB STANDOFF****ASR dimensions**

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

Technical Data

Recommended torque : 0.4N · m

- M3 tapping screw use adhesive standoff.
Recommended to be used with EM-3 or EM-3-6 self-tapping screws (See page 398).
- Please ensure that surface is cleaned and grease-free before adhering.
- Once removed, it cannot be adhered on again.

Product no. / Details

■ Material / Color: Nylon 66 (UL94V-2) / Natural

Product no	H	h	Weight (g)	Pack of
ASR- 5	5.1	3.1	0.9 (1 piece)	10
ASR- 6	6.4	4.4	1.0 (1 piece)	10
ASR- 7	7.2	5.1	0.9 (1 piece)	10
ASR- 8	8.1	6.3	0.9 (1 piece)	10
ASR- 9	9	7	1.0 (1 piece)	10
ASR-11	11	9	1.0 (1 piece)	10
ASR-13	12.7	10.7	1.2 (1 piece)	10
ASR-14.5	14.7	12.8	1.1 (1 piece)	10
ASR-16	15.9	13.9	1.3 (1 piece)	10
ASR-19	19.1	17.1	1.4 (1 piece)	10