

EXH • EXHE • EXHF • EXHFE series HEAT-SINK ALUMINIUM ENCLOSURE

EXH • EXHE • EXHF • EXHFE series are aluminium enclosures with a highly efficient heat-sink top cover. Suitable to be used as fanless PC, power amplifier, and power supply box where heat dissipation is required.

Wide range, 64 different sizes available with EMC shielded and flanged models.



Waved surface heat-sink fins for maximum cooling performance!

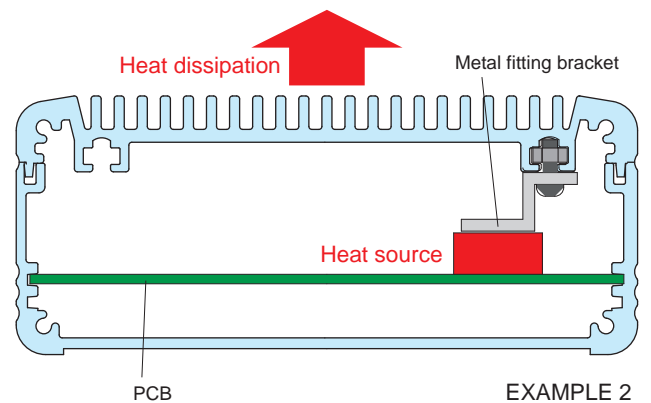
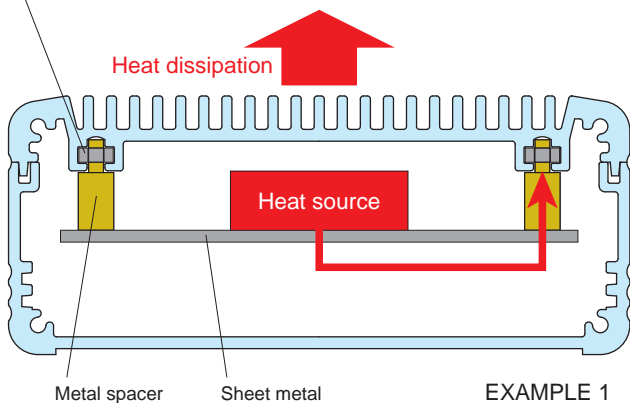
- Each heat-sink fin has a waved surface construction for maximum cooling performance.

Waved Surface



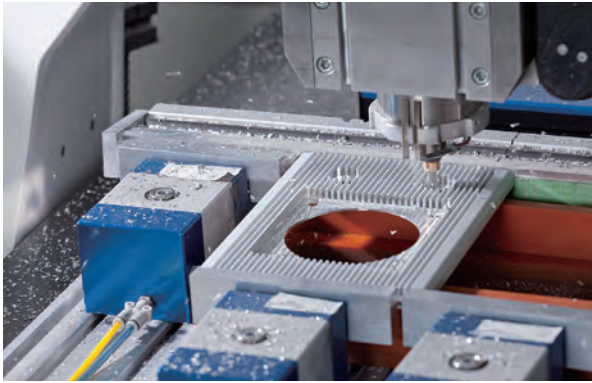
HEAT DISSIPATION EXAMPLE

- EXH series has grooves to put M3 nuts inside its heat-sink cover. It is possible to construct a heat conduction route from your heat source to heat-sink cover easily for better heat dissipation performance.



CUSTOMIZATION EXAMPLE

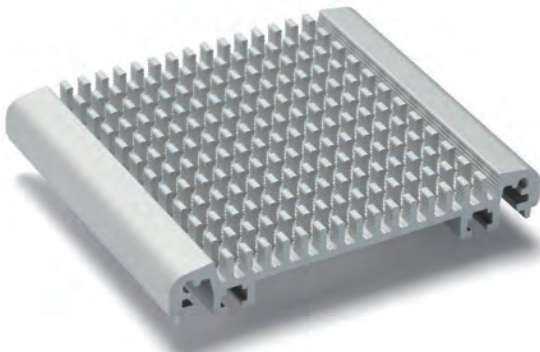
CNC Machining on Heat-sink Cover



Heat-sink plates can be customized with our high speed CNC machines.



Pin Shaped Fin Customization



Pin shaped heat-sink fin can be customized for better cooling performance.

Color Anodization

Various colors, such as blue, red, orange, green or purple can be anodized as per your requirements.



■ Not all colors and shades of colors are possible.

Custom Length Available



APPLICATION EXAMPLE

Stabilized Diode Laser

Laser head



Controller



IoT Gateway



UPS Battery Monitoring System



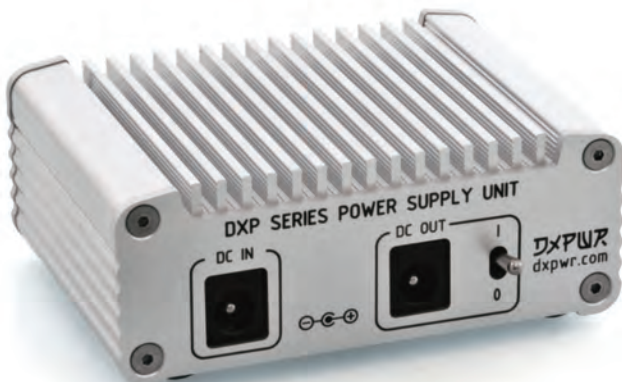
All-in-one Edge Node

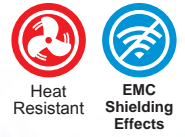


4 Channel Power Switching Edge Node



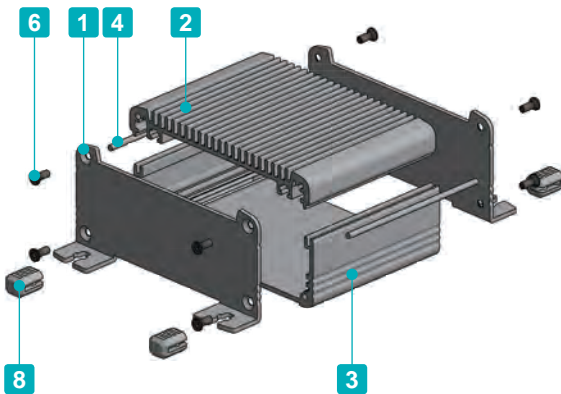
Ultra Low Noise Regulation Power Supply



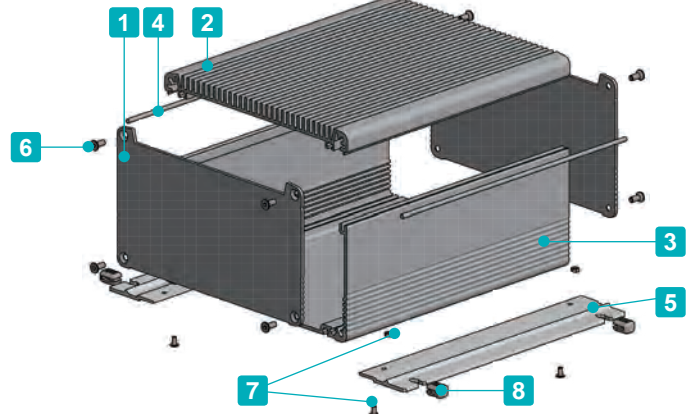


- EMC shielding is achieved by having the unfinished internal parts of the enclosure, as well as the fabric-over-foam gasket, in contact with one another.
- Aluminum enclosure equipped with a highly efficient heat-sink top cover.
- Equipped with flanged bracket for easy wall mounting.

EXHFE8-□, 11-□, 14-□



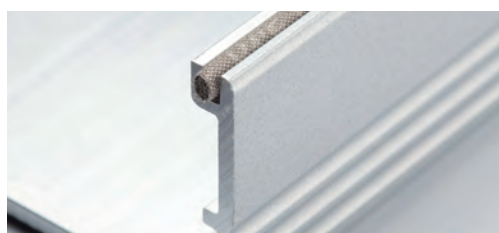
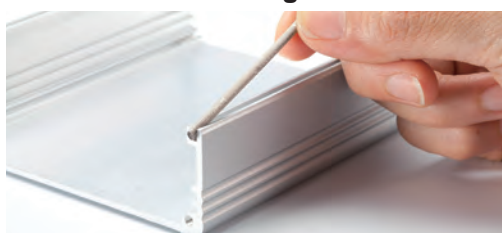
EXHFE19-□, 23-□, 29-□



Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged panel (EXHF8-□, 11-□, 14-□) Panel (EXHF19-□, 23-□, 29-□)	2	Aluminium A1050P	Metallic silver / Painted (Unfinished inside)
2	Heat-sink top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
3	Bottom frame	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside)
4	Fabric-over-foam gasket	2	Conductive fabric : TPE	Metallic gray
5	Flange bracket	2	Extruded aluminium A6063S-T5	Metallic silver / Painted
6	Panel screw (Hexagonal)	8	Stainless steel	Unfinished
7	Flange screw & nut	4 each	Steel	Black trivalent chromate
8	Rubber feet	4	Silicone	Black

How to install shield gaskets



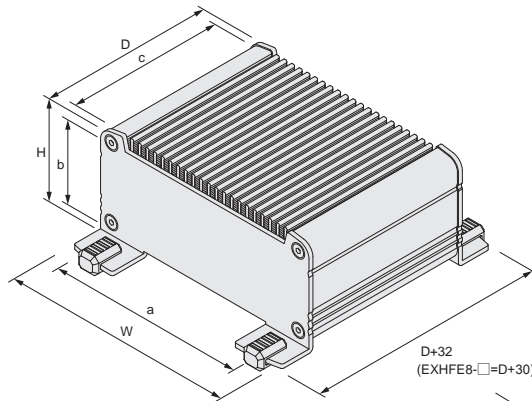
- Insert fabric-over-foam gaskets into the joint-grooves on both sides of the bottom cover.
- Ensure that a small portion of the fabric-over-foam gaskets protrude out in order to maintain connections with the end panels.

Included screws
 EXHFE8-□ models : M2.5-8 x 8 pcs
 EXHFE11-□, 14-□ models : M3-8 x 8 pcs
 EXHFE19-□ models : M4-10 x 8 pcs
 EXHFE23-□, 29-□ models : M5-10 x 8 pcs
 ※Hexagonal wrench included.

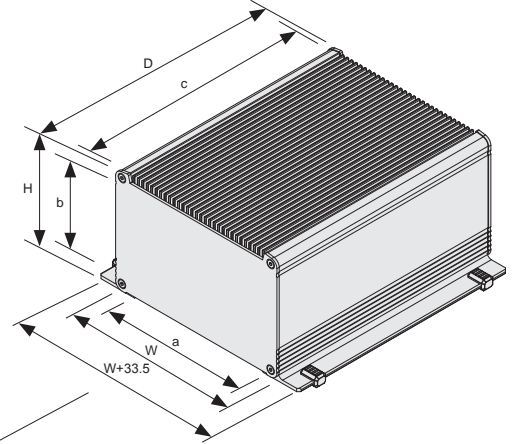
EXHFE dimensions

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

EXHFE8-□, 11-□, 14-□



EXHFE19-□, 23-□, 29-□



■ See page 251 ~ 253 for Heat-sink top cover / Bottom frame dimensions.
 ※c = Heat-sink top cover / Bottom frame length.

*Rubber feet dimensions are not included.

Product no. / Dimensions

Product no.	External dimensions			Internal dimensions			※Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
EXHFE 8-3- 6SS	80.6	32.8	60	66	15	56	7.32
EXHFE 8-3- 9SS	80.6	32.8	90	66	15	86	5.65
EXHFE 8-3-12SS	80.6	32.8	120	66	15	116	4.72
EXHFE 8-4- 6SS	80.6	42.8	60	66	25	56	7.32
EXHFE 8-4- 9SS	80.6	42.8	90	66	25	86	5.65
EXHFE 8-4-12SS	80.6	42.8	120	66	25	116	4.72
EXHFE 8-6- 6SS	80.6	57.8	60	66	40	56	7.32
EXHFE 8-6- 9SS	80.6	57.8	90	66	40	86	5.65
EXHFE 8-6-12SS	80.6	57.8	120	66	40	116	4.72
EXHFE11-3- 8SS	106	33.1	78	88.5	14	74	4.82
EXHFE11-3-12SS	106	33.1	118	88.5	14	114	3.72
EXHFE11-3-16SS	106	33.1	164	88.5	14	160	3.03
EXHFE11-5- 8SS	106	48.1	78	88.5	29	74	4.82
EXHFE11-5-12SS	106	48.1	118	88.5	29	114	3.72
EXHFE11-5-16SS	106	48.1	164	88.5	29	160	3.03
EXHFE11-6- 8SS	106	63.1	78	88.5	44	74	4.82
EXHFE11-6-12SS	106	63.1	118	88.5	44	114	3.72
EXHFE11-6-16SS	106	63.1	164	88.5	44	160	3.03
EXHFE14-4-10SS	141	38.1	97	101.8	24.3	93	3.4
EXHFE14-4-14SS	141	38.1	137	101.8	24.3	133	2.75
EXHFE14-4-19SS	141	38.1	187	101.8	24.3	183	2.27
EXHFE14-5-10SS	141	53.1	97	101.8	39.3	93	3.4
EXHFE14-5-14SS	141	53.1	137	101.8	39.3	133	2.75
EXHFE14-5-19SS	141	53.1	187	101.8	39.3	183	2.27
EXHFE14-7-10SS	141	73.1	97	101.8	59.3	93	3.4
EXHFE14-7-14SS	141	73.1	137	101.8	59.3	133	2.75
EXHFE14-7-19SS	141	73.1	187	101.8	59.3	183	2.27
EXHFE14-9-10SS	141	93.1	97	101.8	79.3	93	3.4
EXHFE14-9-14SS	141	93.1	137	101.8	79.3	133	2.75
EXHFE14-9-19SS	141	93.1	187	101.8	79.3	183	2.27

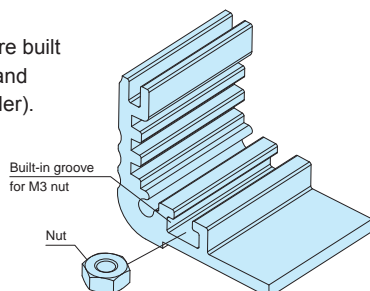
Product no.	External dimensions			Internal dimensions			※Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
EXHFE19- 4-13SS	186.5	45.25	125	131	26.8	120	1.92
EXHFE19- 4-18SS	186.5	45.25	177	131	26.8	172	1.56
EXHFE19- 4-23SS	186.5	45.25	230	131	26.8	225	1.32
EXHFE19- 4-29SS	186.5	45.25	285	131	26.8	280	1.15
EXHFE19- 6-13SS	186.5	63.25	125	131	44.8	120	1.92
EXHFE19- 6-18SS	186.5	63.25	177	131	44.8	172	1.56
EXHFE19- 6-23SS	186.5	63.25	230	131	44.8	225	1.32
EXHFE19- 6-29SS	186.5	63.25	285	131	44.8	280	1.15
EXHFE19- 8-13SS	186.5	83.25	125	131	64.8	120	1.92
EXHFE19- 8-18SS	186.5	83.25	177	131	64.8	172	1.56
EXHFE19- 8-23SS	186.5	83.25	230	131	64.8	225	1.32
EXHFE19- 8-29SS	186.5	83.25	285	131	64.8	280	1.15
EXHFE19-11-13SS	186.5	108.25	125	131	89.8	120	1.92
EXHFE19-11-18SS	186.5	108.25	177	131	89.8	172	1.56
EXHFE19-11-23SS	186.5	108.25	230	131	89.8	225	1.32
EXHFE19-11-29SS	186.5	108.25	285	131	89.8	280	1.15
EXHFE23- 5-15SS	232	53.5	153	176	34.8	147	1.47
EXHFE23- 5-21SS	232	53.5	213	176	34.8	207	1.2
EXHFE23- 5-27SS	232	53.5	273	176	34.8	267	1.03
EXHFE23- 5-33SS	232	53.5	333	176	34.8	327	0.91
EXHFE23- 8-15SS	232	78.5	153	176	59.8	147	1.47
EXHFE23- 8-21SS	232	78.5	213	176	59.8	207	1.2
EXHFE23- 8-27SS	232	78.5	273	176	59.8	267	1.03
EXHFE23- 8-33SS	232	78.5	333	176	59.8	327	0.91
EXHFE23-10-15SS	232	103.5	153	176	84.8	147	1.47
EXHFE23-10-21SS	232	103.5	213	176	84.8	207	1.2
EXHFE23-10-27SS	232	103.5	273	176	84.8	267	1.03
EXHFE23-10-33SS	232	103.5	333	176	84.8	327	0.91
EXHFE29- 8-23SS	287.5	78.75	234	230	59.5	228	0.97
EXHFE29- 8-30SS	287.5	78.75	304	230	59.5	298	0.82
EXHFE29- 8-38SS	287.5	78.75	384	230	59.5	378	0.71
EXHFE29-13-23SS	287.5	128.75	234	230	109.5	228	0.97
EXHFE29-13-30SS	287.5	128.75	304	230	109.5	298	0.82
EXHFE29-13-38SS	287.5	128.75	384	230	109.5	378	0.71

※Thermal resistance test condition

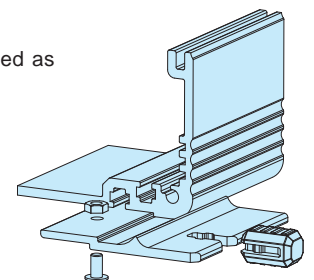
- Ambient air cooling.
- Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
- Painted aluminium extrusion.
- Heat source is applied on the opposite side (inner side) of the fins.

■ Custom length is available.

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



- Flange bracket is installed as per the diagram below.



NOTICE

EXH, EXHF and EXHS Series Discontinuation of Color Types

- Affected series / models : EXH, EXHF, EXHS series ("BS" and "SB" color types).

BS Color Type (Discontinued)



SB Color Type (Discontinued)



NOTICE

EXH, EXHF, EXHS, EF and EF-36 Series Changes to Surface Finish

- Affected series/models : EXH, EXHF, and EXHS series ("SS" color type)
EF, and EF-36 series ("S" color type)
- Changes : Surface Finish

Current (Old) Design



New Design



Current (Old) Surface Finish

- Silver Anodized

New Surface Finish

- Silver Metallic Painted (Unfinished Inside)

- Purpose: To ensure consistent quality throughout via streamlined supply chain and materials.
- Effective date : From December 9, 2021.
- Alternatives : "SS" or "BB" color types.

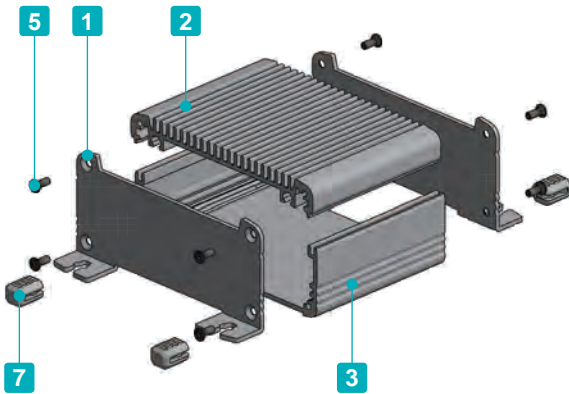
Thank you for your understanding.

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

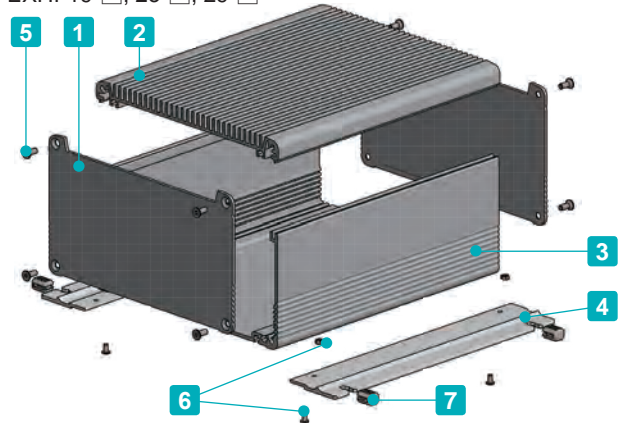


- Equipped with flanged bracket for easy wall mounting.
- Aluminum enclosure equipped with a highly efficient heat-sink top cover.

EXHF8-□, 11-□, 14-□



EXHF19-□, 23-□, 29-□



Components

No.	Part name	Pcs	Material	Color / Finish
1	Flanged panel (EXHF8-□, 11-□, 14-□) Panel (EXHF19-□, 23-□, 29-□)	2	Aluminium A1050P	Metallic silver / Painted (Unfinished inside) : Black / Anodized
2	Heat-sink top cover	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside) : Black / Anodized
3	Bottom frame	1	Extruded aluminium A6063S-T5	Metallic silver / Painted (Unfinished inside) : Black / Anodized
4	Flange bracket	2	Extruded aluminium A6063S-T5	Metallic silver / Painted • Black / Anodized
5	Panel screw (Hexagonal)	8	Stainless steel	Unfinished
6	Flange screw & nut	4 each	Steel	Black trivalent chromate
7	Rubber feet	4	Silicone	Black

Color Type

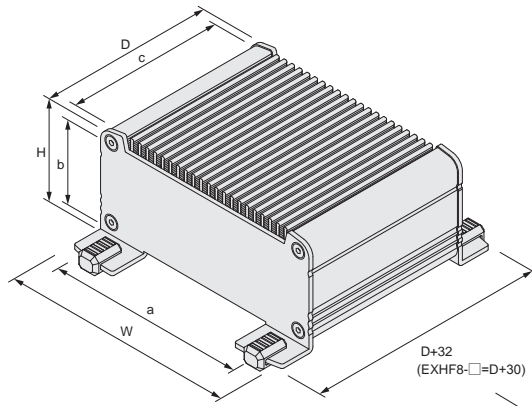


Included screws
 EXHF8-□ models : M2.5-8 x 8 pcs
 EXHF11-□, 14-□ models : M3-8 x 8 pcs
 EXHF19-□ models : M4-10 x 8 pcs
 EXHF23-□, 29-□ models : M5-10 x 8 pcs
 ※Hexagonal wrench included.

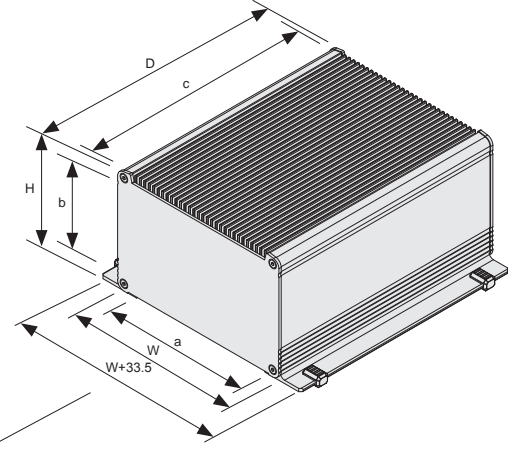
EXHF dimensions

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

EXHF8-□, 11-□, 14-□



EXHF19-□, 23-□, 29-□



See page 251 ~ 253 for Heat-sink top cover / Bottom frame dimensions.
 ※c = Heat-sink top cover / Bottom frame length.

*Rubber feet dimensions are not included.

Product no. / Dimensions

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

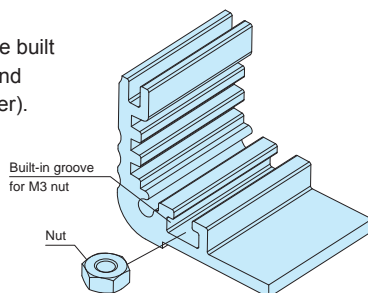
Product no.	External dimensions			Internal dimensions			※Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
NEW EXHF 8-3- 6□□	80.6	32.8	60	66	15	56	7.32
NEW EXHF 8-3- 9□□	80.6	32.8	90	66	15	86	5.65
NEW EXHF 8-3-12□□	80.6	32.8	120	66	15	116	4.72
NEW EXHF 8-4- 6□□	80.6	42.8	60	66	25	56	7.32
NEW EXHF 8-4- 9□□	80.6	42.8	90	66	25	86	5.65
NEW EXHF 8-4-12□□	80.6	42.8	120	66	25	116	4.72
NEW EXHF 8-6- 6□□	80.6	57.8	60	66	40	56	7.32
NEW EXHF 8-6- 9□□	80.6	57.8	90	66	40	86	5.65
NEW EXHF 8-6-12□□	80.6	57.8	120	66	40	116	4.72
NEW EXHF11-3- 8□□	106	33.1	78	88.5	14	74	4.82
NEW EXHF11-3-12□□	106	33.1	118	88.5	14	114	3.72
NEW EXHF11-3-16□□	106	33.1	164	88.5	14	160	3.03
NEW EXHF11-5- 8□□	106	48.1	78	88.5	29	74	4.82
NEW EXHF11-5-12□□	106	48.1	118	88.5	29	114	3.72
NEW EXHF11-5-16□□	106	48.1	164	88.5	29	160	3.03
NEW EXHF11-6- 8□□	106	63.1	78	88.5	44	74	4.82
NEW EXHF11-6-12□□	106	63.1	118	88.5	44	114	3.72
NEW EXHF11-6-16□□	106	63.1	164	88.5	44	160	3.03
NEW EXHF14-4-10□□	141	38.1	97	101.8	24.3	93	3.4
NEW EXHF14-4-14□□	141	38.1	137	101.8	24.3	133	2.75
NEW EXHF14-4-19□□	141	38.1	187	101.8	24.3	183	2.27
NEW EXHF14-5-10□□	141	53.1	97	101.8	39.3	93	3.4
NEW EXHF14-5-14□□	141	53.1	137	101.8	39.3	133	2.75
NEW EXHF14-5-19□□	141	53.1	187	101.8	39.3	183	2.27
NEW EXHF14-7-10□□	141	73.1	97	101.8	59.3	93	3.4
NEW EXHF14-7-14□□	141	73.1	137	101.8	59.3	133	2.75
NEW EXHF14-7-19□□	141	73.1	187	101.8	59.3	183	2.27
NEW EXHF14-9-10□□	141	93.1	97	101.8	79.3	93	3.4
NEW EXHF14-9-14□□	141	93.1	137	101.8	79.3	133	2.75
NEW EXHF14-9-19□□	141	93.1	187	101.8	79.3	183	2.27

Product no.	External dimensions			Internal dimensions			※Thermal resistance rate (°C/W)
	W	H	D	a	b	c	
EXHF19- 4-13□□	186.5	45.25	125	131	26.8	120	1.92
EXHF19- 4-18□□	186.5	45.25	177	131	26.8	172	1.56
EXHF19- 4-23□□	186.5	45.25	230	131	26.8	225	1.32
EXHF19- 4-29□□	186.5	45.25	285	131	26.8	280	1.15
EXHF19- 6-13□□	186.5	63.25	125	131	44.8	120	1.92
EXHF19- 6-18□□	186.5	63.25	177	131	44.8	172	1.56
EXHF19- 6-23□□	186.5	63.25	230	131	44.8	225	1.32
EXHF19- 6-29□□	186.5	63.25	285	131	44.8	280	1.15
EXHF19- 8-13□□	186.5	83.25	125	131	64.8	120	1.92
EXHF19- 8-18□□	186.5	83.25	177	131	64.8	172	1.56
EXHF19- 8-23□□	186.5	83.25	230	131	64.8	225	1.32
EXHF19- 8-29□□	186.5	83.25	285	131	64.8	280	1.15
EXHF19-11-13□□	186.5	108.25	125	131	89.8	120	1.92
EXHF19-11-18□□	186.5	108.25	177	131	89.8	172	1.56
EXHF19-11-23□□	186.5	108.25	230	131	89.8	225	1.32
EXHF19-11-29□□	186.5	108.25	285	131	89.8	280	1.15
EXHF23- 5-15□□	232	53.5	153	176	34.8	147	1.47
EXHF23- 5-21□□	232	53.5	213	176	34.8	207	1.2
EXHF23- 5-27□□	232	53.5	273	176	34.8	267	1.03
EXHF23- 5-33□□	232	53.5	333	176	34.8	327	0.91
EXHF23- 8-15□□	232	78.5	153	176	59.8	147	1.47
EXHF23- 8-21□□	232	78.5	213	176	59.8	207	1.2
EXHF23- 8-27□□	232	78.5	273	176	59.8	267	1.03
EXHF23- 8-33□□	232	78.5	333	176	59.8	327	0.91
EXHF23-10-15□□	232	103.5	153	176	84.8	147	1.47
EXHF23-10-21□□	232	103.5	213	176	84.8	207	1.2
EXHF23-10-27□□	232	103.5	273	176	84.8	267	1.03
EXHF23-10-33□□	232	103.5	333	176	84.8	327	0.91
NEW EXHF29- 8-23□□	287.5	78.75	234	230	59.5	228	0.97
NEW EXHF29- 8-30□□	287.5	78.75	304	230	59.5	298	0.82
NEW EXHF29- 8-38□□	287.5	78.75	384	230	59.5	378	0.71
NEW EXHF29-13-23□□	287.5	128.75	234	230	109.5	228	0.97
NEW EXHF29-13-30□□	287.5	128.75	304	230	109.5	298	0.82
NEW EXHF29-13-38□□	287.5	128.75	384	230	109.5	378	0.71

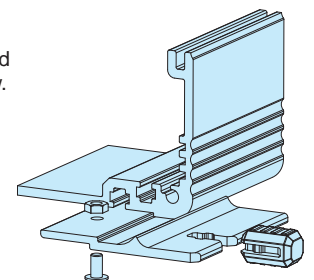
- ※ Thermal resistance test condition
- Ambient air cooling.
 - Heat-sink fins are set perpendicular to the ground with temperature at 60°C.
 - Painted aluminium extrusion.
 - Heat source is applied on the opposite side (inner side) of the fins.

Custom length is available.

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



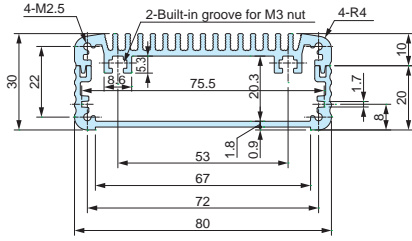
- Flange bracket is installed as per the diagram below.



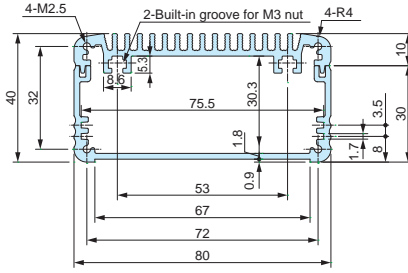
Cross-section view of heat-sink top cover & bottom frame

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

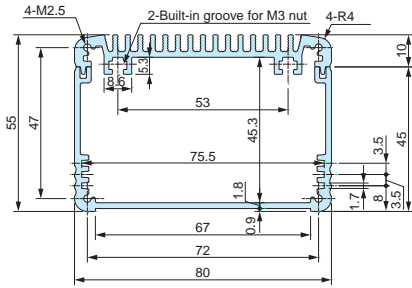
EXH • EXHE • EXHF • EXHFE8-3-□



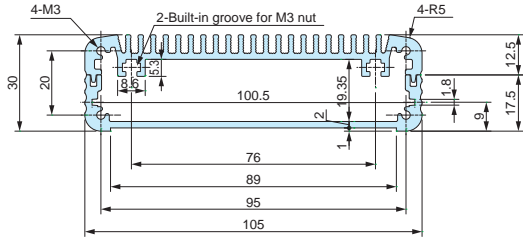
EXH • EXHE • EXHF • EXHFE8-4-□



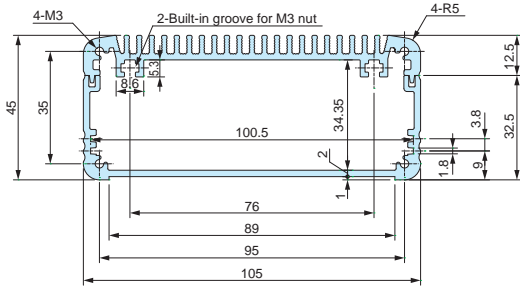
EXH • EXHE • EXHF • EXHFE8-6-□



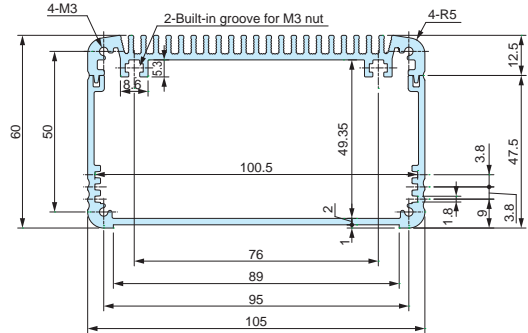
EXH • EXHE • EXHF • EXHFE11-3-□



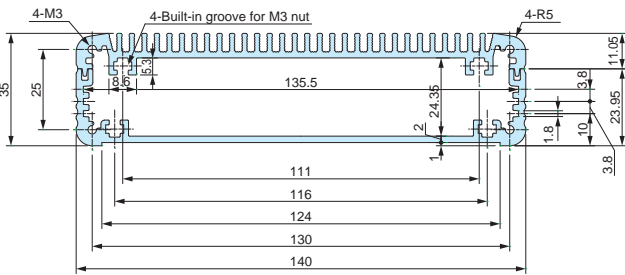
EXH • EXHE • EXHF • EXHFE11-5-□



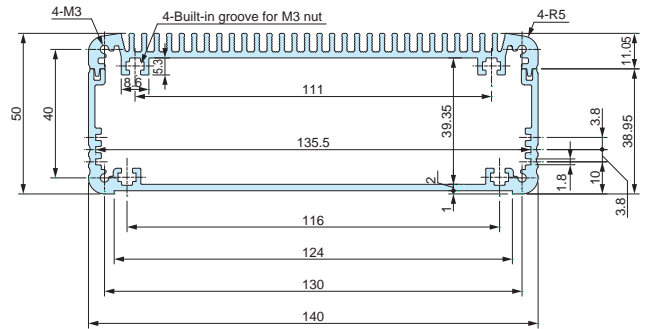
EXH • EXHE • EXHF • EXHFE11-6-□



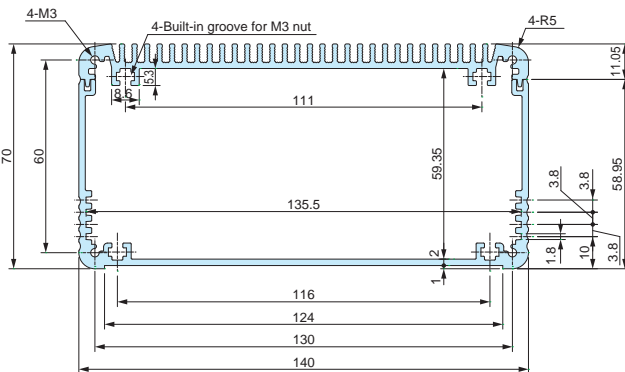
EXH • EXHE • EXHF • EXHFE14-4-□



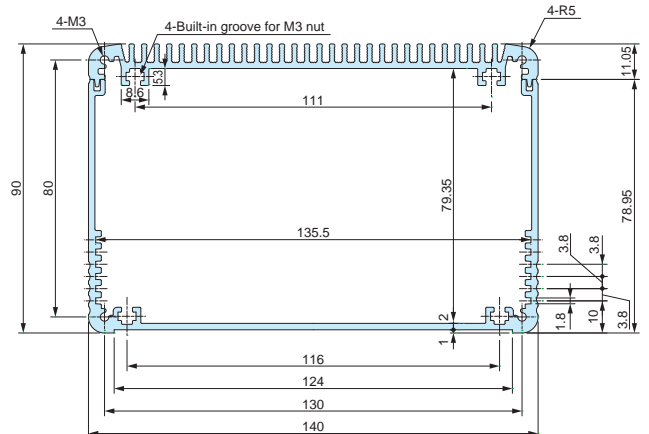
EXH • EXHE • EXHF • EXHFE14-5-□



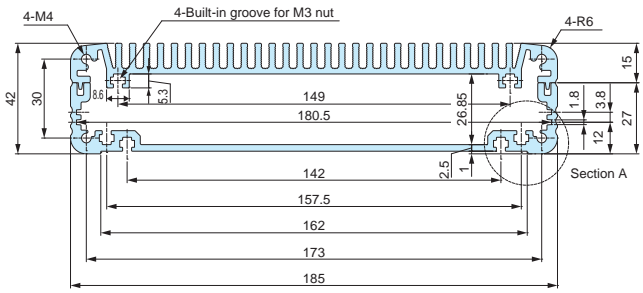
EXH • EXHE • EXHF • EXHFE14-7-□



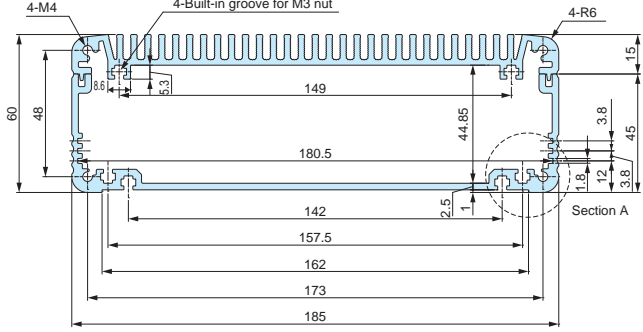
EXH • EXHE • EXHF • EXHFE14-9-□



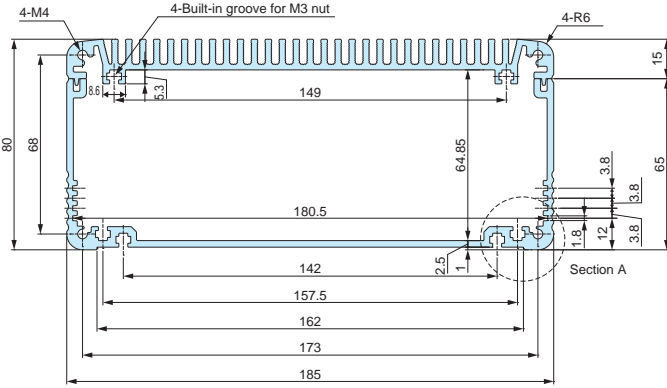
EXH • EXHE • EXHF • EXHFE19-4-□



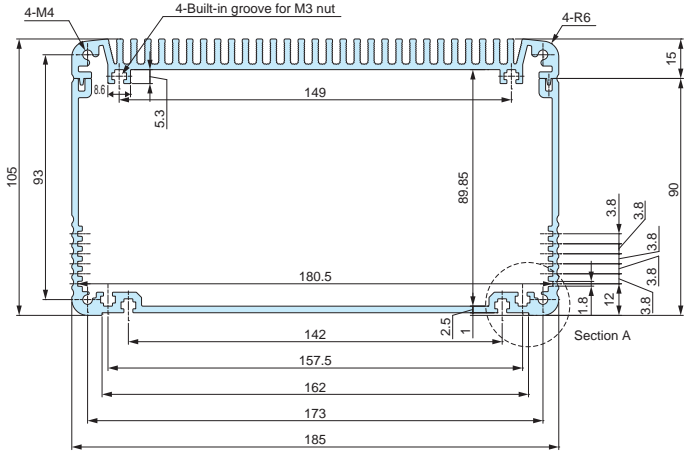
EXH • EXHE • EXHF • EXHFE19-6-□



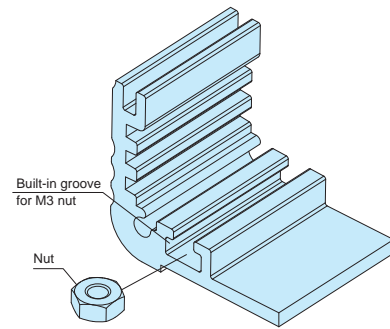
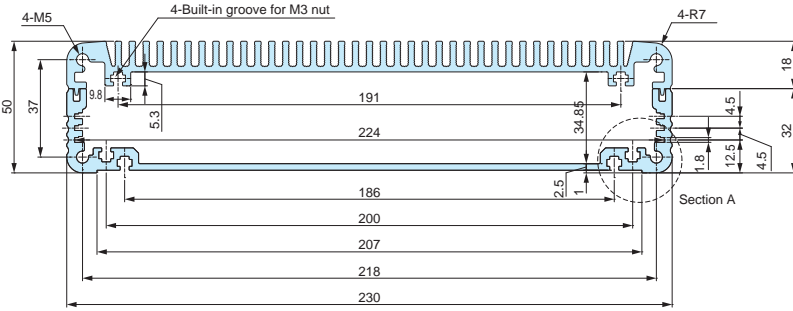
EXH • EXHE • EXHF • EXHFE19-8-□



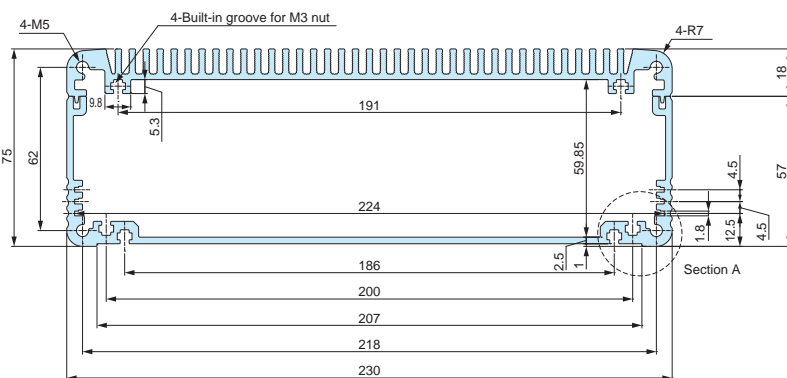
EXH • EXHE • EXHF • EXHFE19-11-□



EXH • EXHE • EXHF • EXHFE23-5-□



EXH • EXHE • EXHF • EXHFE23-8-□



■ Optional M3 nut is available.

Sliding nut can be used on all EXH • EXHE • EXHF • EXHFE models with width 140mm or larger bottom covers, as well as all heat-sink top covers.

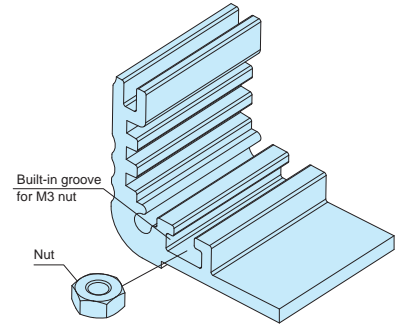
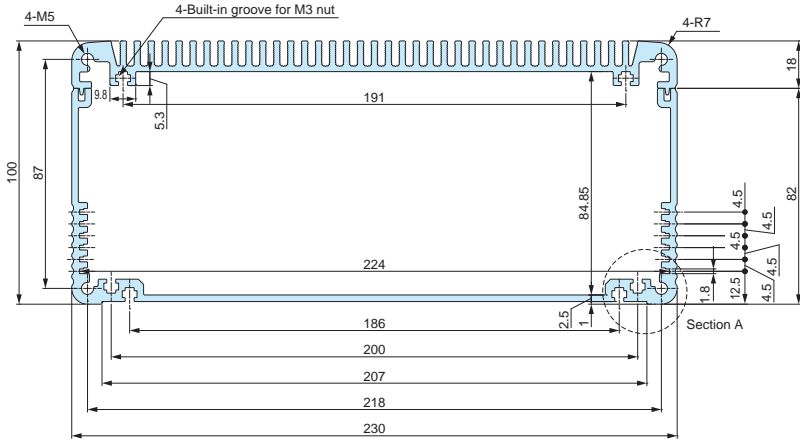
See page 221 for MT-3N optional M3 nut.

*See page 253 for detailed dimensions for Section A

Cross-section view of heat-sink top cover & bottom frame

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

EXH • EXHE • EXHF • EXHFE23-10-□

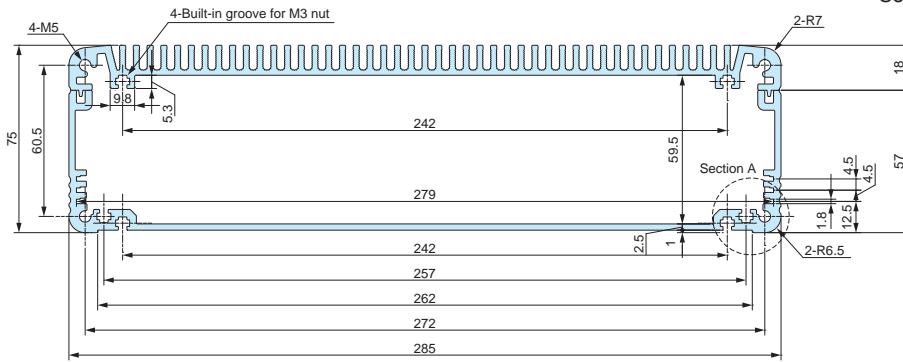


■ Optional M3 nut is available.

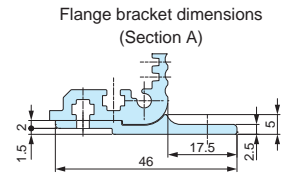
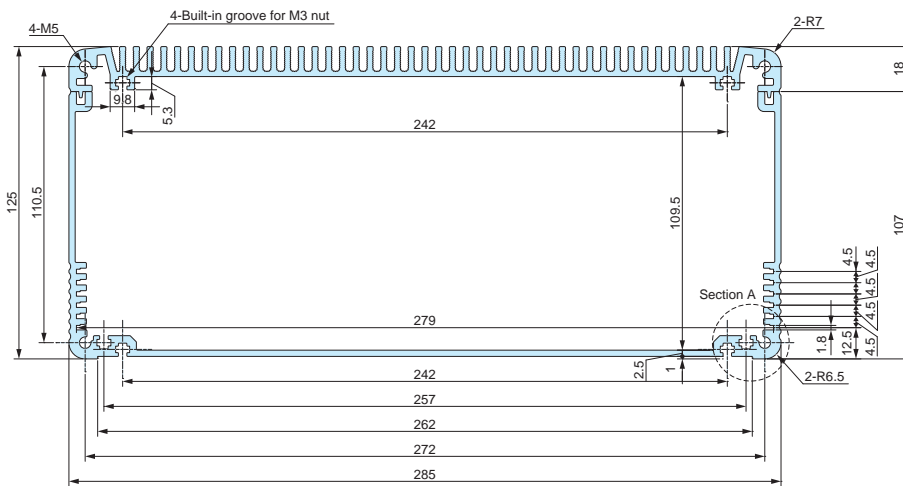
Sliding nut can be used on all EXH • EXHE • EXHF • EXHFE models with width 140mm or larger bottom covers, as well as all heat-sink top covers.

See page 221 for MT-3N optional M3 nut.

EXH • EXHE • EXHF • EXHFE29-8-□



EXH • EXHE • EXHF • EXHFE29-13-□



EF series

WALL MOUNTING BRACKET for EX • EXH • EXHE



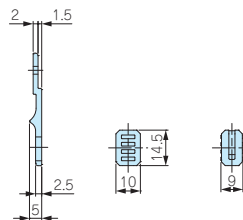
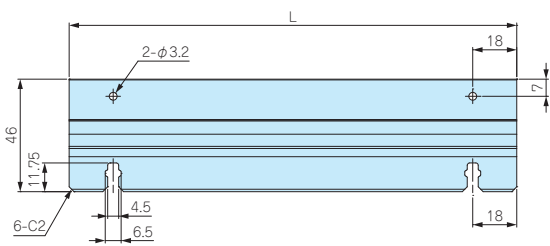
Installation Example



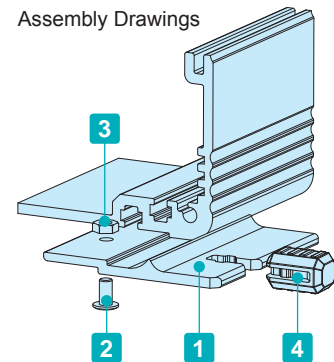
- Wall mounting bracket for EX, EXH, and EXHE series. Applicable only for width 185, 230, and 285mm bottom covers.
- Easy installation by inserting the nuts into built-in grooves on EX, EXH, and EXHE bottom cover.
- Rubber feet are included to hide the mounting cutouts when not used for wall mounting, and act as feet stabilizers for desktop use.

EF dimensions

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



Assembly Drawings



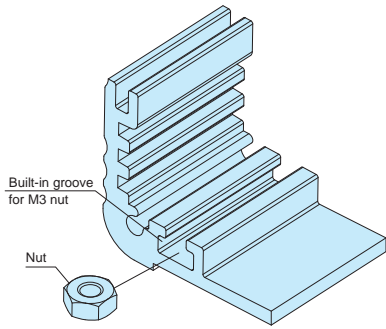
Components

No.	Part name	Pcs	Material	Color / Finish
1	Bracket	2	Extruded aluminium A6063S-T5	Metallic silver / Painted • Black / Anodized
2	Screw	4	Steel	Black trivalent chromate
3	Nut	4	Steel	Black trivalent chromate
4	Rubber feet	4	Silicone	Black

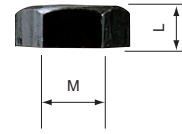
Product no. / Dimensions

Product no.		L	Suitable models
● Metallic silver	● Black		
EF19-13S	EF19-13B	119.5	EX • EXH • EXHE19-□-13
EF19-18S	EF19-18B	171.5	EX • EXH • EXHE19-□-18
EF19-23S	EF19-23B	224.5	EX • EXH • EXHE19-□-23
EF19-29S	EF19-29B	279.5	EX • EXH • EXHE19-□-29
EF23-15S	EF23-15B	146.5	EX • EXH • EXHE23-□-15
EF23-21S	EF23-21B	206.5	EX • EXH • EXHE23-□-21
EF23-27S	EF23-27B	266.5	EX • EXH • EXHE23-□-27
EF23-33S	EF23-33B	326.5	EX • EXH • EXHE23-□-33
NEW EF29-23S	NEW EF29-23B	227.5	EX • EXH • EXHE29-□-23
NEW EF29-30S	NEW EF29-30B	297.5	EX • EXH • EXHE29-□-30
NEW EF29-38S	NEW EF29-38B	377.5	EX • EXH • EXHE29-□-38

MT-3N SLIDING NUT for EX□ • EXH□



MT-3N dimensions



Product no. / Dimensions

Product no.	M	L	Material	Finish	Pack of
MT-3N	3	2.4	Steel	Black trivalent chromate	50

- Sliding nut can be used on all EXPT • EXP • EXPE • EXW • EXPF • EXEF • EXWF • EX models with width 140mm or larger bottom covers, as well as with width 230mm and 285mm top covers, on all EXH • EXHE • EXHF • EXHFE models with width 140mm or larger bottom covers, as well as all heat-sink top covers.

EXEG series EMC SHIELDING FABRIC-OVER-FOAM GASKET

- Exclusive EMC shielding fabric-over-foam gasket for EXPE • EXEF • EXHE • EXHFE models.

Suitable Models

Product no.	Suitable models
EXEG-2.5	EXPE7-□, 9-□, 12-□, 15-□, EXEF7-□, 9-□, 11-□, 15-□ EXHE8-□, 11-□, 14-□, EXHFE8-□, 11-□, 14-□
EXEG-3.2	EXPE20-□, 24-□, 30-□, EXEF20-□, 24-□ EXHE19-□, 23-□, 29-□, EXHFE19-□, 23-□, 29-□

Product no. / Dimensions

Product no.	Dimensions	Pack of
EXEG-2.5	Φ2.5×500mm	1
EXEG-3.2	Φ3.2×500mm	1

Length tolerance = +/- 10%



- Material / Color : Conductive fiber • TPE / Metallic gray

EX series APPLICATION EXAMPLE

Tube Amplifier



IoT Relay Module



Premain Power Amplifier



USB Edge Node

