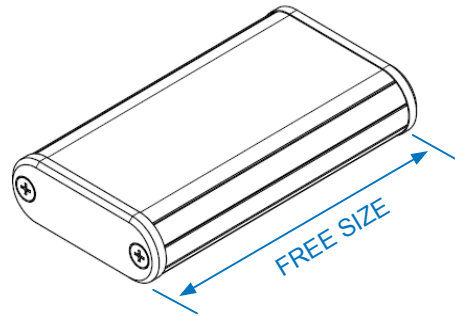
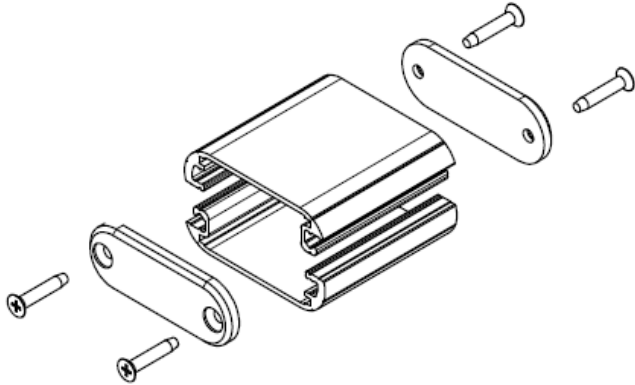


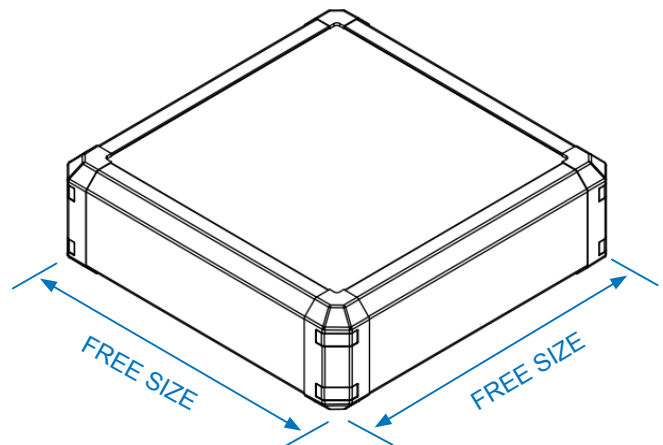
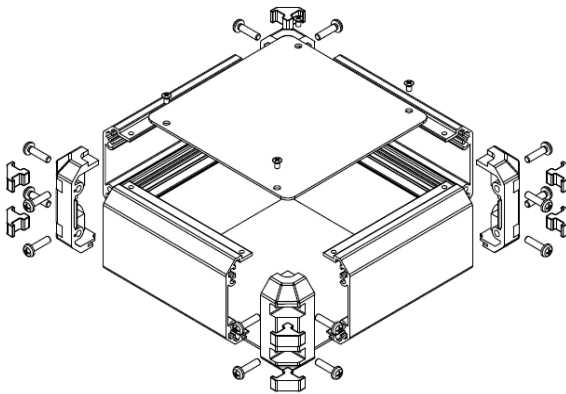
VARIETY OF CUSTOM SIZED ENCLOSURES

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.

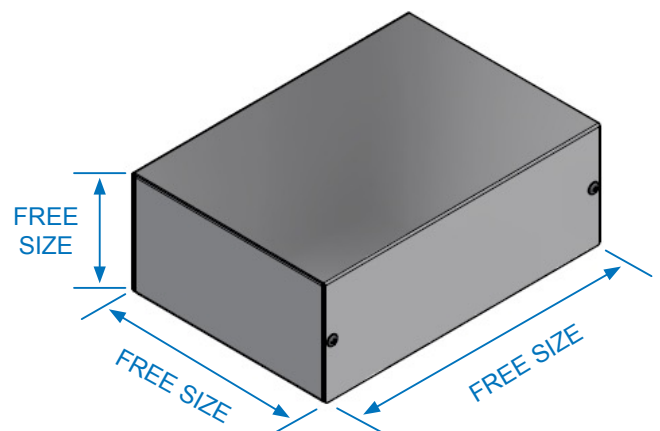
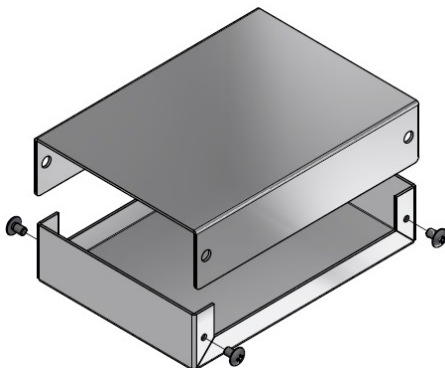
EXTRUDED ALUMINIUM MODEL



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.

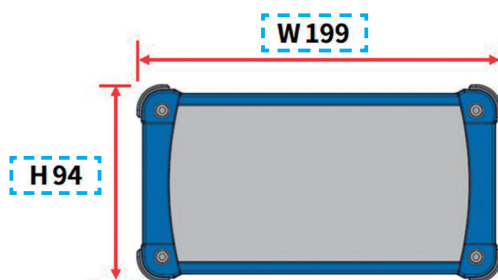


CUSTOM SIZE WEB QUOTATION	3D View - Silver/Navy	3D View - 16 color types
3D View - With tilt legs	Exploded view	Color code

■ 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.

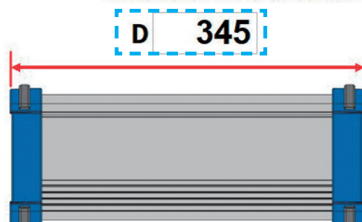
STEP1 Select required width / height.



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) $\neq$ 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.

10 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 ★ 10

E-mail ★ jiro@takachi-el.co.jp

Company ★ TAKACHI ELECTRONICS ENCLOSURE CO., LTD.

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

Country ★

Message
I would like a quote for 10 pieces of EXPS199-94-345SN.

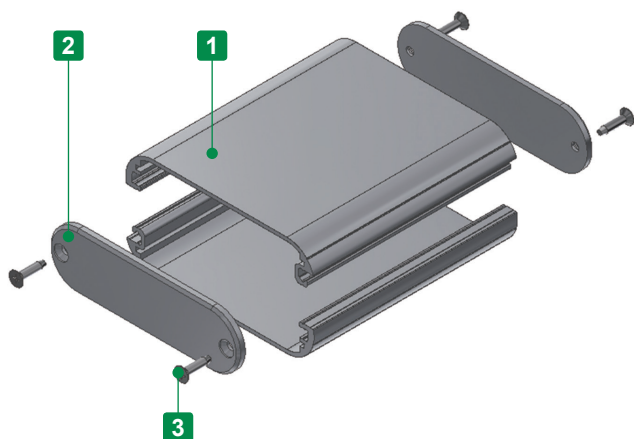


▶ **CONFIRM**

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.





- Custom sized all aluminium mobile enclosure with customizable D length from 25 to 500mm in 1mm intervals.
- Selectable in 8 different width/height variations.
- Available in 14 different color combinations.
- Flat aluminium panels for easy customization as CNC machining or printing.

Accessories (Optional parts)



Silicone band SIB series
See page 196



Embedded battery box BC series
See page 125 ~ 128

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
2	Panel	2	Aluminium A1050P	Black • Silver • Cobalt • Green • Purple • Orange • Red / Anodized
3	Self-tapping screw	4	Steel	Nickel plated • Black trivalent chromate

Lead Time

Custom Size Only
Custom Size + Hole Milling

4 business days (1 ~ 10 pcs)
10 business days (1 ~ 10 pcs)

Order Inquiry

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

CUSTOM SIZE WEB QUOTATION

Send your inquiry via our online form now!

Visit the MXAC product page on our website, click on the "CUSTOM SIZE WEB QUOTATION" button, and fill in the required details. The product number will be generated, and once your information have been filled in, simply click on SUBMIT and await for our sales team's contact!

1 Dimensions

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

W-H No.	Frame Width / Height	W-H No.	Frame Width / Height
41-15		82-24	
57-18		95-40	
70-20		110-30	
70-35		130-35	

D length
D length 25 ~ 500mm (1mm intervals) Available range (frame length) a ■ $a = D - 6$ (all models) ■ D length can be requested in 0.1mm intervals, but with higher tolerances (± 0.3mm).

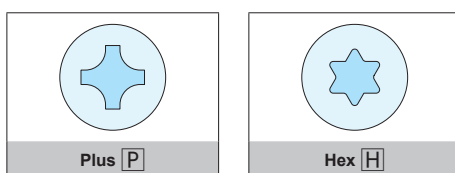
2 Color

To select color code from the table below.

Code	B B Black / Black	B S Black / Silver	B C Black / Cobalt	B G Black / Green	B P Black / Purple	B O Black / Orange	B R Black / Red
Color							
Code	S B Silver / Black	S S Silver / Silver	S C Silver / Cobalt	S G Silver / Green	S P Silver / Purple	S O Silver / Orange	S R Silver / Red
Color							

3 Screw

To select screw type.



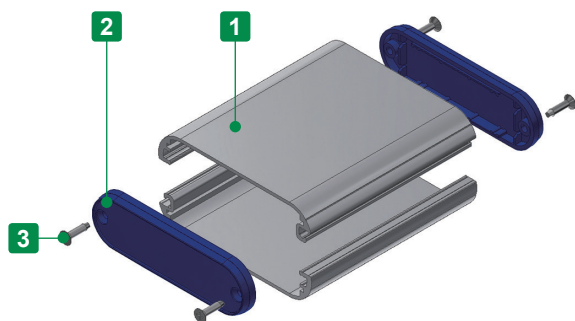
Product Number

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

Product no. MXAC - -

1 W-H **1** D length **2** Color code **3** Screw type

Numbering example: W-H:57-18 x D:123, SB color code and Plus screw type → **MXAC57-18-123SBP**



- Custom sized mobile enclosure with customizable D length from 35 to 500mm in 1mm intervals.
- Selectable in 8 different width/height variations.
- Available in 12 different color combinations.

Accessories (Optional parts)



Silicone band SIB series
See page 196

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
2	Panel	2	ABS UL94HB	Gray • Black / Unpainted Navy • Lime • Orange • Red / Painted
3	Self-tapping screw	4	Steel	Nickel plated • Black trivalent chromate

Lead Time

Custom Size Only
Custom Size + Hole Milling

4 business days (1 ~ 10 pcs)
10 business days (1 ~ 10 pcs)

Order Inquiry

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

CUSTOM SIZE WEB QUOTATION

Send your inquiry via our online form now!

Visit the MXC product page on our website, click on the "CUSTOM SIZE WEB QUOTATION" button, and fill in the required details. The product number will be generated, and once your information have been filled in, simply click on SUBMIT and await for our sales team's contact!

1 Dimensions

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

W-H No.	Frame Width / Height	W-H No.	Frame Width / Height
41-15		82-24	
57-18		95-40	
70-20		110-30	
70-35		130-35	

D length			
W-H No.	a	W-H No.	a
41-15	D-5.4	82-24	D-5.4
57-18	D-5	95-40	D-7
70-20	D-5.4	110-30	D-5.4
70-35	D-7	130-35	D-5.6

■ D length can be requested in 0.1mm intervals, but with higher tolerances ($\pm 0.3\text{mm}$).

2 Color

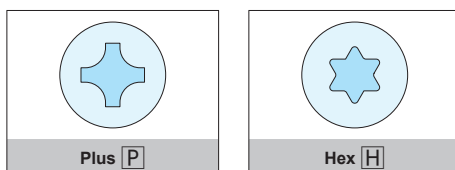
To select color code from the table below.

Panel color : Black • Gray / Unpainted - Other colors / Painted

Code	B B Black / Black	B G Black / Gray	B N Black / Navy	B L Black / Lime	B O Black / Orange	B R Black / Red
Color						
Code	S B Silver / Black	S G Silver / Gray	S N Silver / Navy	S L Silver / Lime	S O Silver / Orange	S R Silver / Red
Color						

3 Screw

To select screw type.



Product Number

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

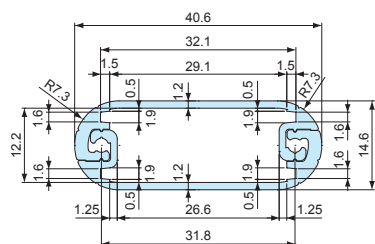
Product no. MXC -

1 W-H **1** D length **2** Color code **3** Screw type

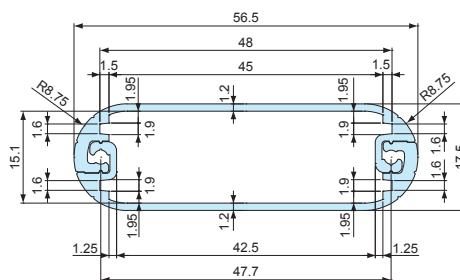
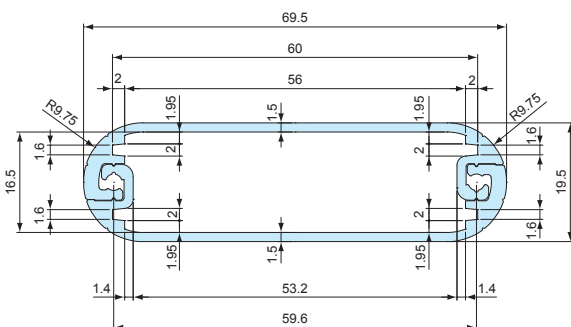
Numbering example: W-H:57-18 x D:123, SB color code and Plus screw type → **MXC57-18-123SBP**

Cross-section view of frame

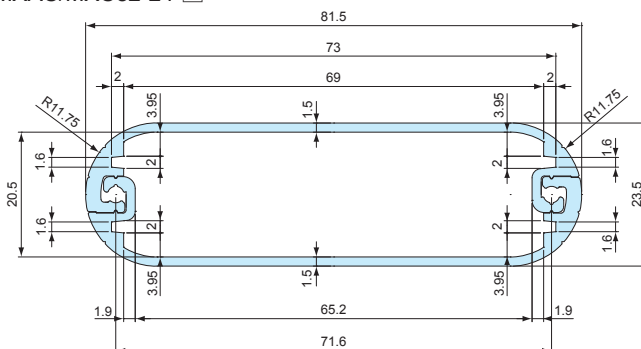
■ DXF/DWG/PDF drawings available on our website.

MXAC/MXC41-15-

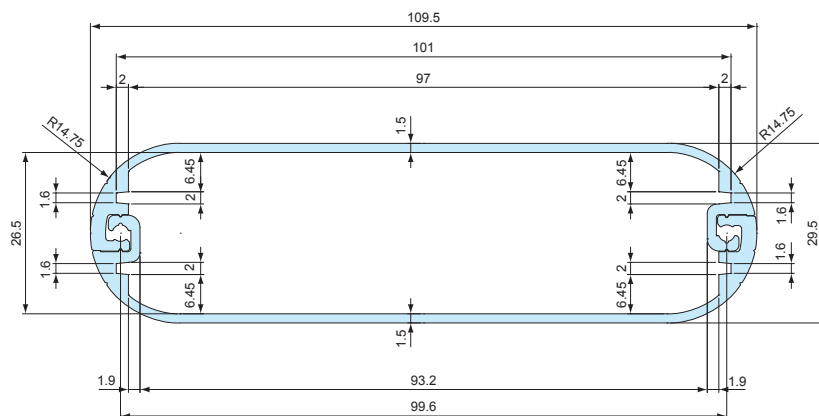
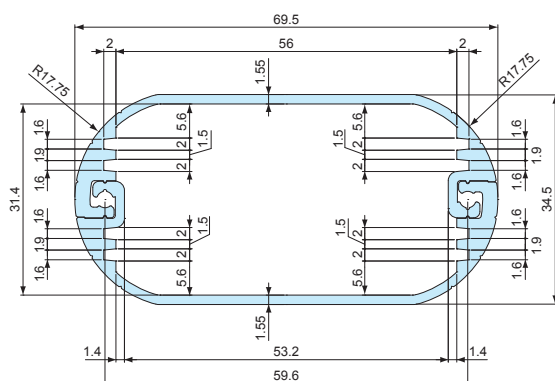
MXFC61-23-☐
MXAC/MXC57-18☐

MXAC/MXC70-20-

MXFC86-30-
MXAC/MXC82-24-



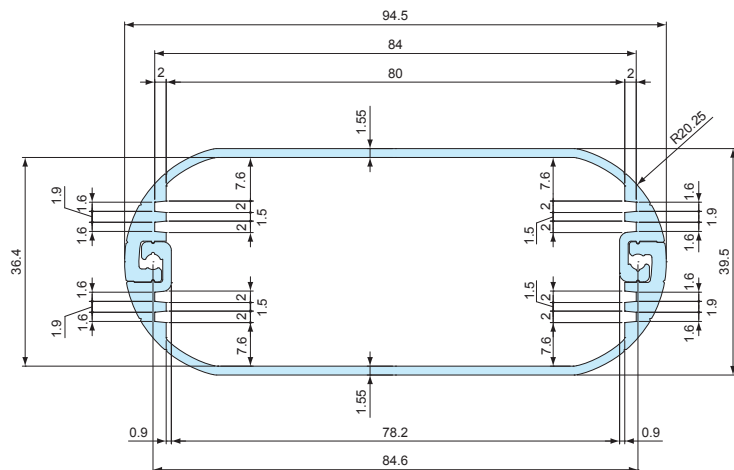
MXFC114-36-☐
MXAC/MXC110-30-☐

MXAC/MXC70-35-

Cross-section view of frame

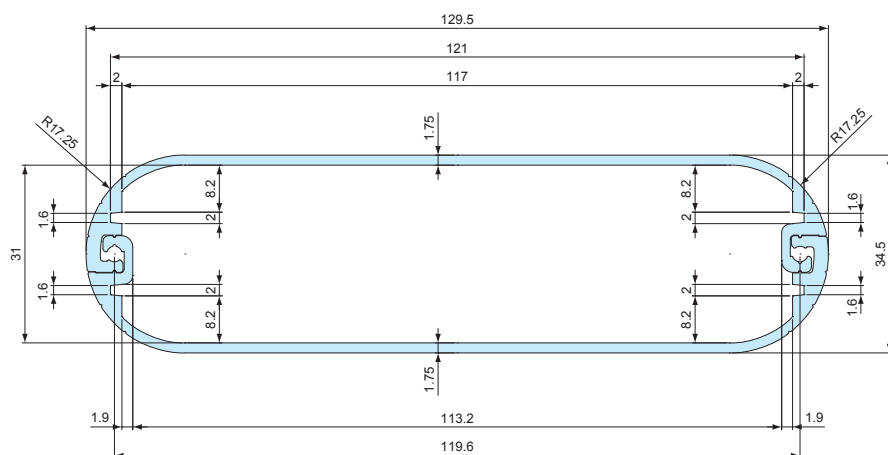
■ DXF/DWG/PDF drawings available on our website.

MXAC/MXC95-40-□



MXFC134-41-□

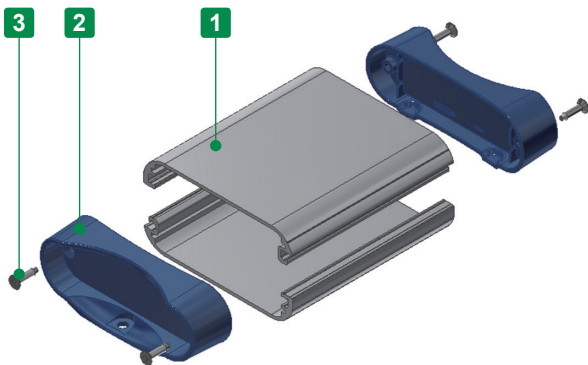
MXAC/MXC130-35-□



Product no.	Frame length (ℓ)
MXAC41-15-□	D-6
MXC41-15-□	D-12
MXFC61-23-□	D-25
MXAC57-18-□	D-6
MXC57-18-□	D-10
MXAC70-20-□	D-6
MXC70-20-□	D-12
MXFC86-30-□	D-36
MXAC82-24-□	D-6
MXC82-24-□	D-12
MXFC114-36-□	D-38
MXAC110-30-□	D-6
MXC110-30-□	D-14
MXAC70-35-□	D-6
MXC70-35-□	D-14
MXAC95-40-□	D-6
MXC95-40-□	D-16
MXFC134-41-□	D-40
MXAC130-35-□	D-6
MXC130-35-□	D-16

MXFC series

CUSTOM SIZED FLANGED NETWORK ENCLOSURE



- Custom sized network enclosure with customizable depth from 70 to 500mm in 1mm intervals.
- Selectable in 4 different width/height variations.
- Available in 8 different color combinations.
- Grooves are built into the internal frame, allowing for easy insertion of PCB boards.

Included screws :
 MXFC61-23 model : M2.6-14 x 4 pcs
 MXFC86-30, 114-36 models : M3-12 x 4 pcs
 MXFC134-41 model : M3-14 x 4 pcs

Components

No.	Part name	Pcs	Material	Color / Finish
1	Frame	2	Extruded aluminium A6063S-T5	Silver • Black / Anodized with clear coating
2	Flanged panel	2	ABS UL94HB	Black • Gray / Unpainted Navy • Lime / Painted
3	Self-tapping screw	4	Steel	Nickel plated • Black trivalent chromate

Lead time

Custom Size Only
 Custom Size + Hole Milling

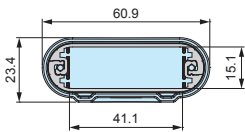
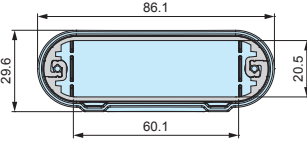
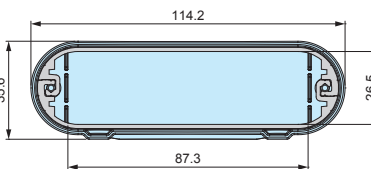
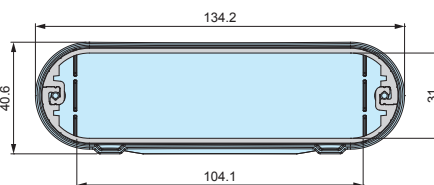
4 business days (1 ~ 10 pcs)
 10 business days (1 ~ 10 pcs)

Order Inquiry

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

1 Dimensions

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

WH No.	Frame Width / Height
61-23	
86-30	
114-36	
134-41	

D length

The diagram illustrates a mechanical component with a central shaft and two flange-like ends. A dimension line at the top indicates the total length, labeled "D length 70 ~ 500mm (1mm intervals)". A second dimension line at the bottom, spanning the central shaft section, is labeled "Available range (frame length) a". The component is shown in a perspective view with blue shading on the flanges and the central shaft.

W-H No.	a
61-23	D-20
86-30	D-29.4
114-36	D-29.4
134-41	D-29.6

- D length can be requested in 0.1mm intervals, but with higher tolerances ($\pm 0.3\text{mm}$).

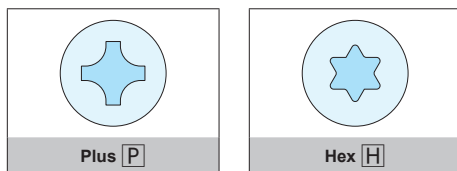
2 Color

To select color code from the table below.

Code	B B Black/Black	B G Black / Gray	B N Black / Navy	B L Black / Lime
Color				
Code	S B Silver/Black	S G Silver / Gray	S N Silver / Navy	S L Silver / Lime
Color				

3 Screw

To select screw type.



Product Number

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

Product no. MXFC -

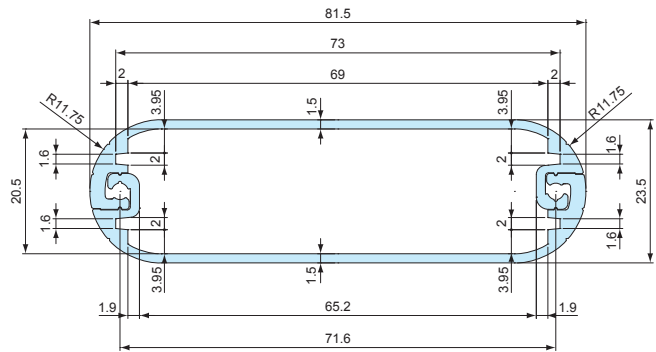
1 W-H **1** D length **2** Color code **3** Screw type

Numbering example: W-H:61-23 x D:123, SB color code and Hex screw type → **MXFC61-23-123SBH**

MXFC frame

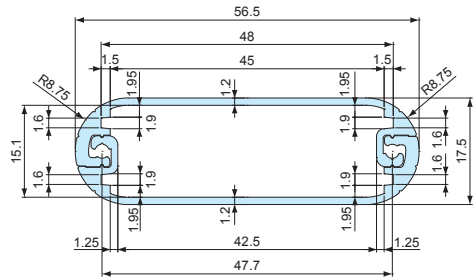
■ DXF/DWG/PDF drawings available on our website.

MXFC86-30-□

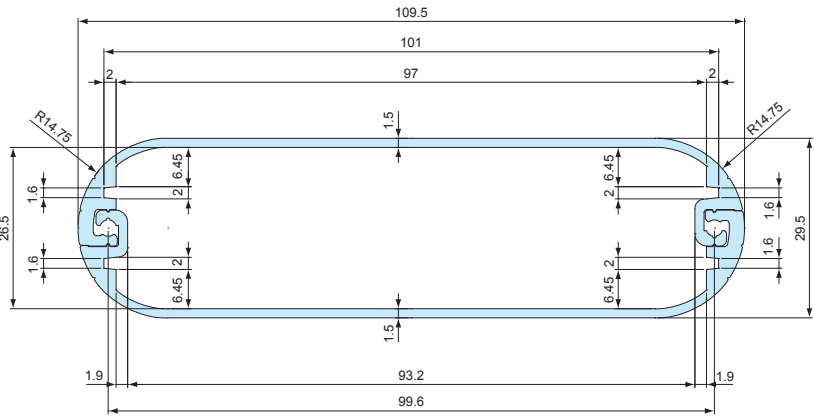


Model	Fame length (ℓ)
MXFC61-23-□	D-25
MXFC86-30-□	D-36
MXFC114-36-□	D-38
MXFC134-41-□	D-40

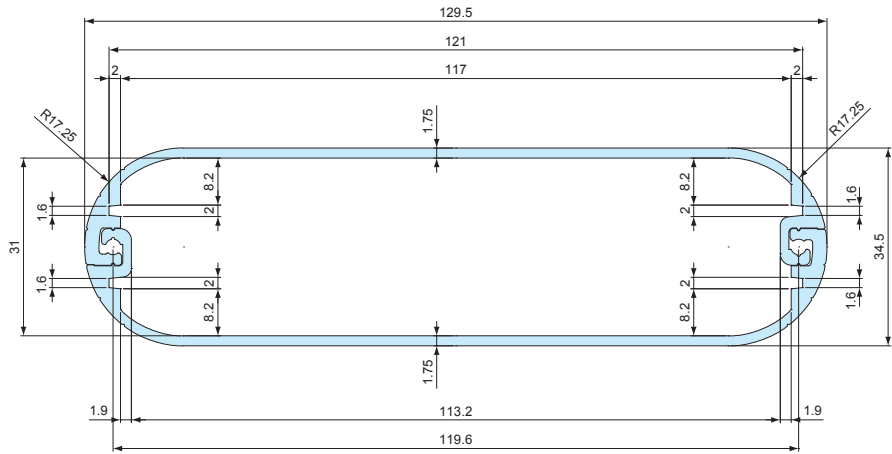
MXFC61-23-□



MXFC114-36-□



MXFC134-41-□



SIB series**SILICONE BAND**

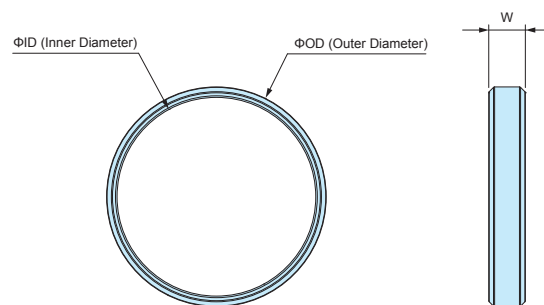
Utilization example



- Silicone band designed to fit TW and TWN series.
Refer to the table below for size suitability.
- Silicone band provides both shock resistance and non-slip grips for the TW & TWN enclosures.

Color Type

Code	R Red	O Orange	Y Yellow	G Green	C Cyan	N Navy	L Light gray	B Black
Color								

SIB dimensions**Components**

Part name	Pcs	Material	Color
Silicone band	Pair (2 pcs)	Silicone	Red • Orange • Yellow • Green • Cyan • Navy • Light gray • Black

Product no. / Details

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

Product no.	W	ID	OD	Suitable models	Weight (g)
SIB-21□	6	21	25	TW • TWN4-2-5 • 4-2-6 • 4-2-8 • 5-2-5 • 5-2-7 • 5-3-9	2
SIB-38□	7	38	42	TW • TWN5-3-5 • 5-3-7 • 5-4-7 • 5-3-10 • 7-2-11 • 7-4-11 7-3-13 • 8-2-8	4
SIB-58□	8	58	63	TW • TWN7-5-11 • 7-5-13 • 8-4-8 • 9-4-17	10
SIB-72□	10	72	77	TW • TWN9 -6-17 • 11-5-22 • 11-8-22 • 13-3-13 • 13-5-13 13-3-18 • 13-5-18 • 13-7-18	14

AFS•AFM series

ALUMINIUM ISOLATION FEET



External type / Shot blast finish AFS series



Internal type / Reflective finish AFM series

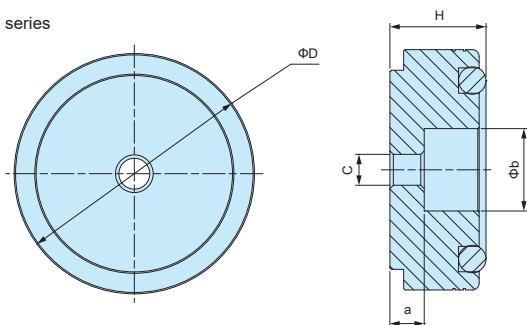
- The surface treatment and finish allows the feet to exhibit a polished and luxurious feel.
- Non-slip NBR O-ring is located on the underside of the feet.

Product no. / Details

Product no.		D	H	Installation type	C	a	b	Pack of
● Silver	● Black							
AFS20- 8S	AFS20- 8B	20	8	External	Φ3.4	3	9	4
AFS25-10S	AFS25-10B	25	10	External	Φ4.5	4	12	4
AFS30-12S	AFS30-12B	30	12	External	Φ4.5	5	12	4
AFS35-14S	AFS35-14B	35	14	External	Φ4.5	5	12	4
AFS39-16S	AFS39-16B	39	16	External	Φ4.5	5	15	4
AFS44-18S	AFS44-18B	44	18	External	Φ4.5	5	20	4
AFS55-20S	AFS55-20B	55	20	External	Φ5.5	5	20	4
AFM15- 7S	—	15	7	Internal	M3	4	—	4
AFM20- 9S	—	20	9	Internal	M3	5	—	4
AFM25-12S	—	25	12	Internal	M4	7	—	4
AFM30-14S	—	30	14	Internal	M4	8	—	4
AFM35-16S	—	35	16	Internal	M4	10	—	4
AFM39-18S	—	39	18	Internal	M4	10	—	4
AFM44-20S	—	44	20	Internal	M4	10	—	4
AFM55-22S	—	55	22	Internal	M5	15	—	4

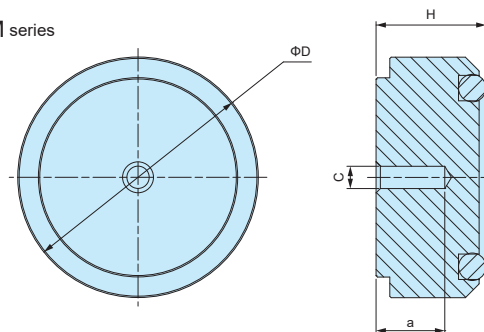
AFS • AFM dimensions

AFS series



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

AFM series



APPLICATION EXAMPLE



MXF • MXB • MXA • MX series

ALUMINIUM MOBILE ENCLOSURE

MXF • MXB • MXA • MX mobile enclosures are designed with a beautiful and elegant finish in mind. Having a rounded design, it fits comfortably in your hand, while giving off a simple yet stylish look. Suitable for use in a wide variety of industries, such as a small audio device, or as an amplifier unit, among others.

Selectable from 4 different types: an economical plastic end panel MX series, luxurious aluminium end panel MXA series, flanged end panel MXF series, and protective silicone band MXB series.

APPLICATION EXAMPLE

Fiber Optic LAN Converter



Desktop Audio Preamplifier with USB



Wireless Microphone System



reddot award
product design



Catchbox
Microphone



Catchbox
Receiver



Sound system
of your choice



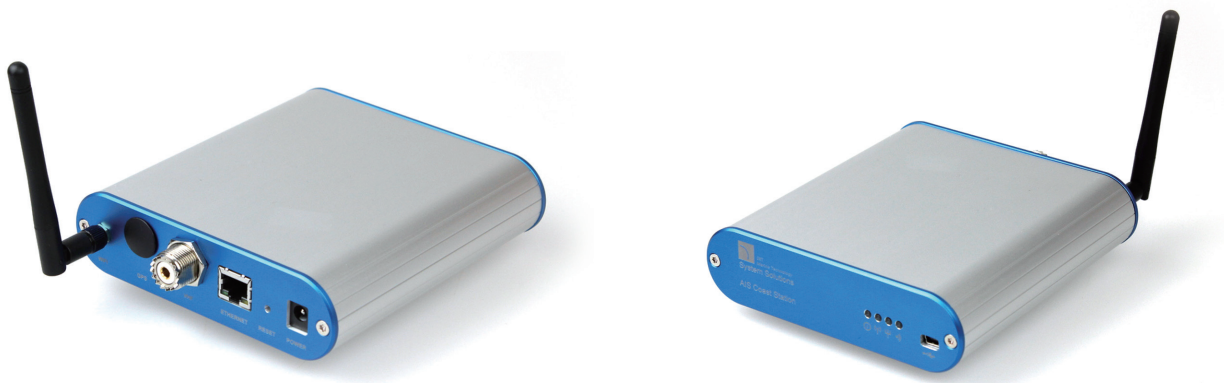
Ethernet Cellular Router



WiFi Access Point



AIS (Automatic Identification System) Signal Receiver



Data Transmitter for Automatic Number Plate Recognition (ANPR) System



IO-Link DEVICE



CAN & LIN Vehicle Communication Simulator / Monitor



Signal Checker / Tester



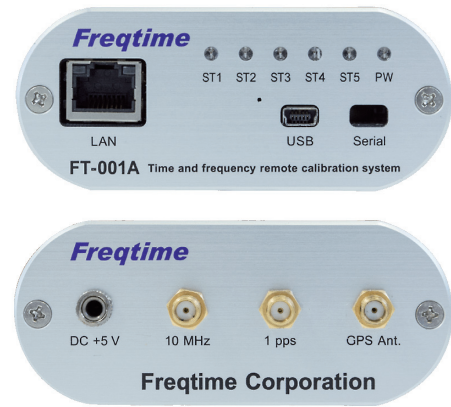
Audio Power Supply



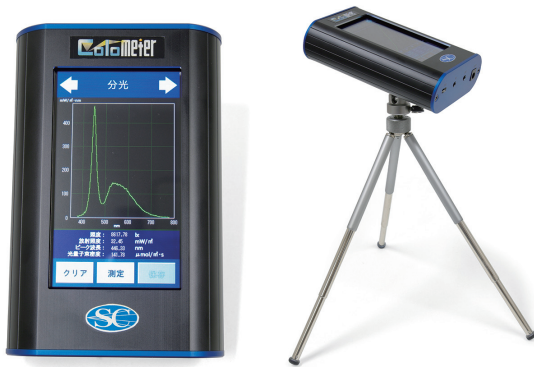
Model Railroad Controller



Portable Frequency Standard Device



Spectral Luminometer



RTD Sensor Tester



Mobile Moisture Meter



Full Color LED Tabletop Lighting Device



Active EMF Protection Device



Illumination Inverter

