

**Hofengfab**

Shenzhen Hofengfab  
Technology Co., Ltd

**Shenzhen Hofengfab Technology Co., Ltd.** since its founded in 2010, is focus on producing all kinds of **general plastic shell, aluminum shell, sheet metal shell, etc.** We can make all kinds of high, intermediate standard and non-standard metal chassis according to a providing map. We can also provide all kinds of plastic, stamping and profile mould design and make its development to production. Now we have departments of mould, injection molding, stamping, assembly, painting and printing workshop in our factory. We offer the new and old customers with our product in novelty concept, unique appearance, process precision, good quality, reasonable price and supply goods in short cycle.

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At present, we have good cooperation with many domestic brand enterprises. We established a cooperation terms of "common design and development, mold manufacturing, product processing", and opened a new way of win-win cooperation with them. We are adhering the spirit of enterprise—absorb the advantages and keep improving, innovating and improving customer satisfaction and willing to have deep relationship with friends of all the fields. We welcome new and old customers sincerely to visit our factory. We can delivery the goods within this city. Please visit our website to see moulds and specifications in detail.

<https://www.hofengfab.com>

**Email Us: [vivian@hofengfab.com](mailto:vivian@hofengfab.com)**

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## Hofengfab Catalog Operation Manual

资料手册使用说明

### 如何选择合适的壳体/机箱系列?

How to select the appropriate case / chassis series

浏览产品总览

Browse Product Overview

选择产品系列

Select product family

按照备货规格选择具体型号

Select the model according to the stock specification



系列海报

Series Posters



系列产品总览

Product overview

系列特征

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备货规格

Stock specification

### 如何选择合适壳体/机箱的型号?

How to select the appropriate housing / chassis model

确定PCB尺寸

Determine PCB size

按表选择尺寸

Select dimensions according to table

选择产品颜色与表面处理

Select product color and surface treatment



产品效果图

Product renderings

爆炸图及零件

Exploded view and parts

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Three views and dimensions



开孔定制实例

Custom instance

多功能展示区

Design details

颜色及表面处理

Color and surface treatment

请联系我们

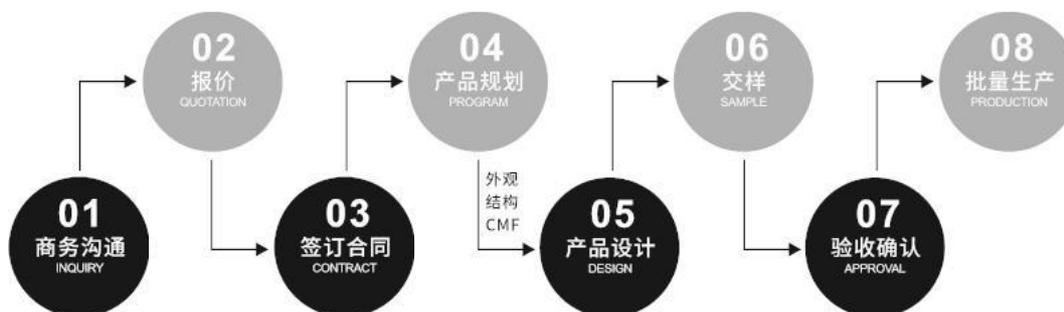
Please Contact us

## ● NORMAL ITEM ORDER PROCESS

### 常规品订货流程

本司80%以上产品备有现货，请参考样本及网站所示或咨询区域客服。

More than 80% of our products are in stock. Please see attached the drawing or our website.  
Welcome to consult our regional customers service.

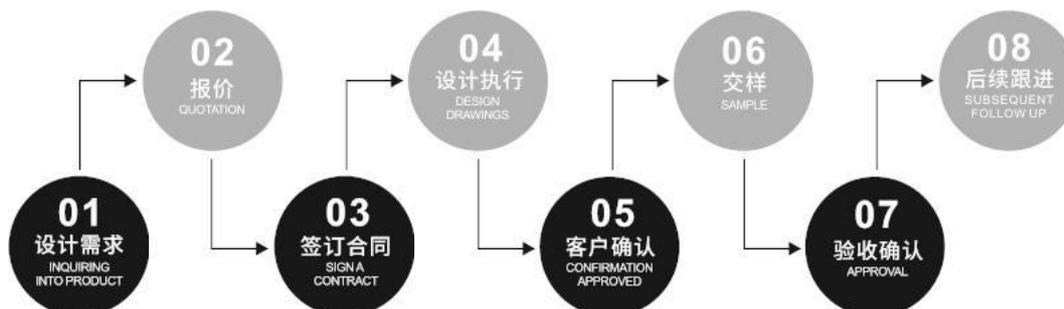


## ● THE PROCESS OF THE CUSTOMIZATION

### 定制设计流程

本司加工设备先进、齐全。能满足不同客户加工要求，请提供图纸或实物。

We have complete and advanced machining equipment. Provided various machining design requirement. Welcome to send us the drawing or sample.

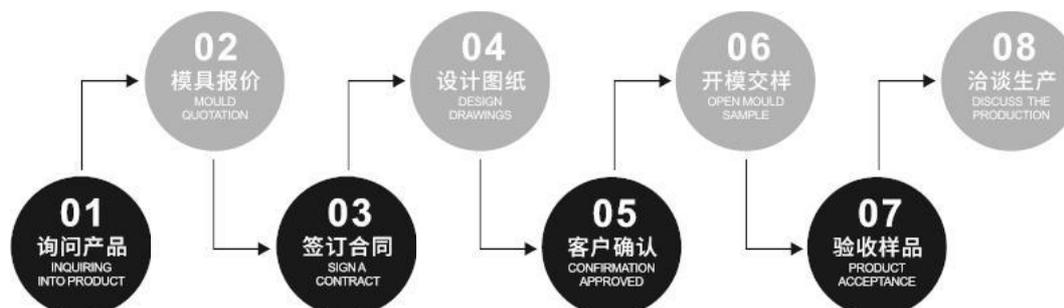


## ● PROCESS OF THE MOLD DEVELOPMENT

### 模具开发流程

铝型材挤压模具、冲压模具等，通用模具共同开发。

Development of aluminum extrusion mold, punching mold, plastic mold.  
We can share the mold cost (50%) for the normal using items..



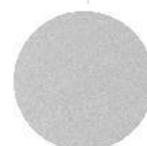
# SURFACE TREATMENT AND COLOUR

表面处理及颜色

## 铝材表面处理 Surface treatment



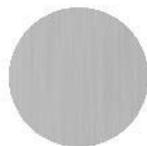
拉丝  
Brushed



喷砂  
Sandblasting



拉丝 100目  
Brushed 100#



拉丝 120目  
Brushed 120#



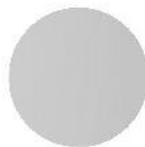
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拉丝 180目  
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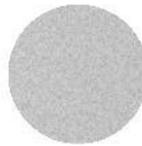


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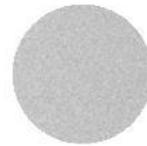


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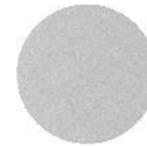
### 粗细度 Thickness



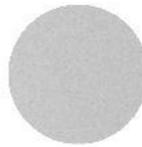
喷砂 60目  
Sandblasting 60#



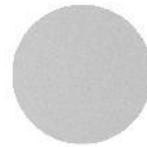
喷砂 80目  
Sandblasting 80#



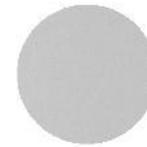
喷砂 100目  
Sandblasting 100#



喷砂 120目  
Sandblasting 120#



喷砂 150目  
Sandblasting 150#



喷砂 180目  
Sandblasting 180#



拉丝银白  
Brushed Silver



拉丝黑色  
Brushed Black



拉丝铁灰  
Brushed Gray



拉丝翠蓝  
Brushed  
Light Blue



拉丝宝蓝  
Brushed Blue



拉丝金黄  
Brushed Golden



拉丝香槟金  
Brushed  
Champagne



拉丝红色  
Brushed Red



拉丝玫红  
Brushed Rose Red

### 颜色 Colour



喷砂银白  
Sandblasting Silver



喷砂黑色  
Sandblasting Black



喷砂铁灰  
Sandblasting Gray



喷砂翠蓝  
Sandblasting  
Light Blue



喷砂宝蓝  
Sandblasting Blue



喷砂金黄  
Sandblasting Golden



喷砂香槟金  
Sandblasting  
Champagne



喷砂红色  
Sandblasting Red



喷砂玫红  
Sandblasting  
Rose Red

\*色板颜色仅供参考，具体以实际为准

The Swatches is only for reference ,please make the object as the standard

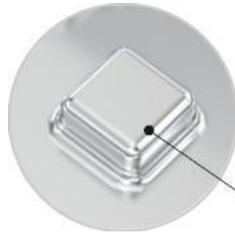
### ● 3-AXIS CNC MACHINE PROCESSING

#### 三轴数控加工



一次装夹只能加工1个面，多个面时需多次装夹，不适合加工复杂的零件

One time clamping processing only for one face, when multiple faces are required for multiple clamping, which is not suitable for processing complex parts



可以进行简单的曲面加工

It can perform simple curved surface processing



可以进行凸台、挖槽、倒角、攻牙等加工  
It can perform boss, trenching, chamfer, tapping processing etc

### ● 4-AXIS CNC MACHINE PROCESSING

#### 四轴数控加工



一次装夹能加工除了两端外的4个面，对于需要在四周或圆柱形的零件加工上，比三轴更有优势

One time clamping can process 4 faces except the two ends, which is more advantageous than three-axis for machining parts that need to be around or cylindrical



通过旋转工件，可以任意角度的加工  
By rotating the workpiece, it can be processed at any angle



同时加工多个面，避免了多次装夹，提高加工精度  
Processing multiple faces at the same time, which avoids multiple clamping and improve processing accuracy

## ● 5-AXIS CNC MACHINE PROCESSING

### 五轴数控加工



一次装夹可以加工除了底面外的五个面，用于制造复杂的精密零件

One time clamping can process five surfaces except the bottom surface, which is used to manufacture complex precision parts



可以进行复杂的曲面加工

It can perform complex curved surface processing



同时加工多个面，避免了多次装夹，提高加工精度  
Processing multiple faces at the same time, which avoids multiple clamping and improve processing accuracy

## ● LATHE-MILL COMPLEX PROCESSING

### 车铣复合加工



车、铣、钻、攻牙一次装夹完成，相比铣床在制造需要车、铣的的零件上更有优势

Compared with milling machines, turning, milling, drilling, and tapping can be clamped in one time, which has advantages in manufacturing parts that require turning and milling



通过旋转工件，可以任意角度的加工，也可以同时加工端面，限制更少

By rotating the workpiece, it can be processed at any angle. The end face can be processed at the same time, with fewer restrictions



同时车、铣加工，避免了多次装夹，提高加工精度  
Turning and milling processing in one time, which avoids multiple clamping and improve processing accuracy

## ● LASER CUTTING, STAMPING AND BENDING

激光切割、冲压及折弯

Step.1原材料



铝板  
Al5052



不锈钢  
SUS304



冷轧板  
SPCC

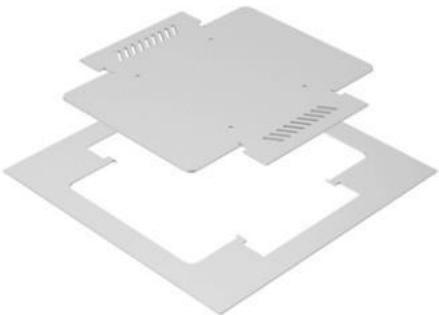


电解板  
SECC

可加工多种厚度、多种材料的板材

Plates of various thicknesses and materials can be processed

Step. 2冲压/激光



冲压落料/开孔

Stamping blanking/opening

1.不能加工形状复杂的零件

Cannot process parts with complex shapes

2.需要开模，适用于大批量生产

Need to open the mold, suitable for mass production

激光切割

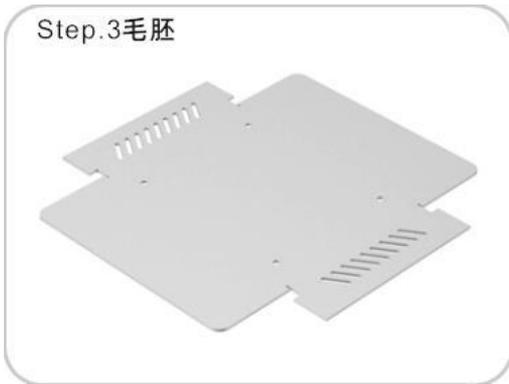
laser cutting

1.可加工形状复杂及其它方法难以加工的零件

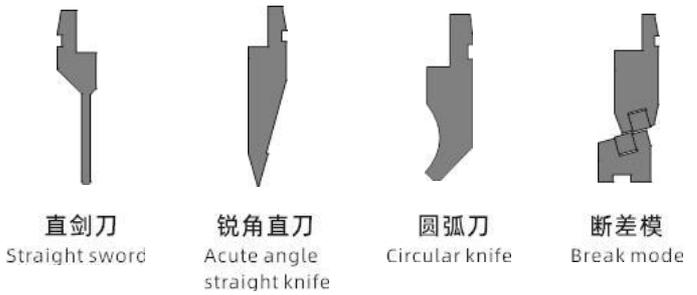
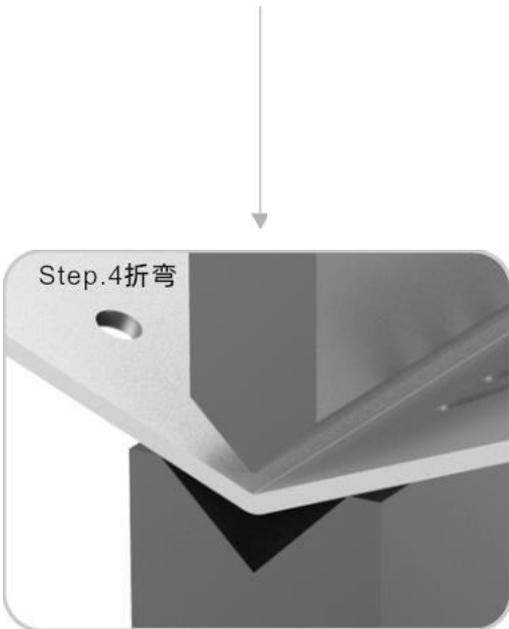
Machinable parts with complex shapes and difficult to machine by other methods

2.适用于单件/小批量生产，无需开模

Laser cutting: suitable for single piece/small batch production, no mold making required



通过冲压/激光得到毛坯  
Parts obtained by bending



选择正确的折弯刀具及下凹模进行加工  
Choose the right bending tool and bottom  
mold for processing



通过折弯得到零件  
Parts obtained by bending

## ● SILK PRINTING

丝网印刷



### 单色丝网印刷

Monochrome screen printing

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### 多种颜色丝网印刷

Multi-color screen printing

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- 仅可印刷于同一高度平面  
Cannot print on uneven surfaces
- 字体、图案有立体感  
The fonts and patterns have a three-dimensional effect
- 可选颜色多,同版面可印刷多种颜色  
Many color choices, and multiple colors can be printed on same plate

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## ● LASER MARKING

激光打标



黑底白字

Black and white

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白底黑字

Black on white

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- 可在不同高度平面打标  
Can engrave and pattern on uneven surfaces
- 仅有黑色和白色  
only black and white
- 字体、图案不会因环境关系自然消退  
Fonts and patterns will not naturally fade due to the environment

## ● UV PRINTING

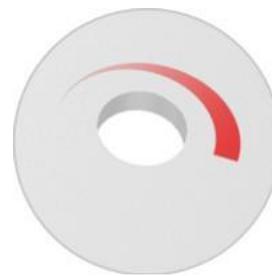
UV打印



印刷文字  
UV printing



多彩颜色  
Colorful color



渐变图案  
Gradient pattern

- 可以印刷复杂文字和图案  
Can print complex text and patterns
- 可以印刷出图片般的精细度  
Can be printed with the fineness of a picture
- 没有颜色限制  
No color restrictions

## ● SCULPTURE

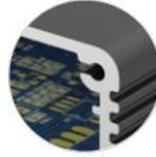
雕刻



- 可以雕刻文字和图案  
Can engrave text and patterns
- 雕刻后氧化，颜色与面板相同  
Oxidized after engraving, same color as panel
- 文字图案立体感强  
Strong text pattern

## ELECTROMAGNETIC SHIELDING

### 电磁屏蔽



■ 通过CNC或激光去除壳体与挡板之间不导电的氧化层,使壳体与挡板间能够导电  
Removing the non-conductive oxide layer which between the shell and the baffle by CNC or laser,to make them can conduct electricity.



■ 可以在挡板上加工, 安装接地端子  
It can be processed on the baffle, and the grounding terminal can be installed



■ 通过CNC或激光去除壳体和端盖之间不导电的氧化层,使壳体与端盖间能够导电  
Removing the non-conductive oxide layer which between the shell and the end cover by CNC or laser,to make them can conduct electricity.



■ 防水壳体普通密封条更换成导电密封条  
Replace the ordinary sealing strip with a conductive sealing strip inner the waterproof box

### 1 高频电磁场屏蔽

#### High frequency electromagnetic field shielding

需要壳体有好的导电连续性和良好的密闭性, 减少壳体的间隙可以获得更好的屏蔽效果

The shell needs to have great conductivity continuity, good airtightness, and reduce the gap between the main box and components to obtain a better shielding performance

### 2 静电屏蔽

#### Electrostatic shielding

需要良好的接地和壳体具有良好的导电连续性, 减少壳体零件之间的缝隙可以获得更好的屏蔽效果

The shell needs to have good grounding, great conductivity continuity, and reduce the gap between the components to obtain a better shielding performance

### 3 静磁屏蔽

#### Magnetostatic shield

静磁屏蔽壳体不能使用铝, 必须用铁、钢这种具有磁性的材料作为壳体

The magnetostatic shield box can't be made by aluminum, it must be magnetic materials such as iron and steel as the shell

## ● PRESS RIVETING PROCESS DISPLAY

压铆工艺展示

### ■ 盲孔压铆螺柱

Blind hole pressure riveting stud



- 应用于钣金、薄板、机箱的一种紧固件,能在薄板上形成有效固定的内螺纹

A fastener used in sheet metal, thin plates, and chassis, Can form an effective fixed internal thread on the thin plate



- 螺柱底部封闭  
The bottom of the stud is closed



- 表面能看见压铆件外轮廓  
The outer contour of the pressure riveting part can be seen on the surface

### ■ 通孔压铆螺柱

Through-hole pressure riveting studs



- 应用于钣金、薄板、机箱的一种紧固件,能在薄板上形成有效固定的内螺纹

A fastener used in sheet metal, thin plates, and chassis, Can form an effective fixed internal thread on the thin plate



- 螺柱底部贯穿  
The bottom of the stud runs through



- 表面能看见压铆件外轮廓  
The outer contour of the pressure riveting part can be seen on the surface

## ● PRESS RIVETING PROCESS DISPLAY

压铆工艺展示

### ■ 埋头盲孔压铆螺柱

Countersunk blind hole pressure riveting studs



- 应用于钣金、薄板、机箱的一种紧固件,能在薄板上形成有效固定的外螺纹

A fastener used in sheet metal, thin plates, and chassis, Can form an effective fixed external thread on the thin plate



- 板材背面平滑  
Smooth back of the board



- 板厚要求不小于3mm  
The board thickness requirement cannot less than 3mm

### ■ 压铆螺母

Pressure riveting nut



- 应用于钣金、薄板、机箱的一种紧固件,能在薄板上形成有效固定的内螺纹  
A fastener used in sheet metal, thin plates, and chassis, Can form an effective fixed internal thread on the thin plate



- 能承受较大载荷和受力  
Can withstand larger loads and forces

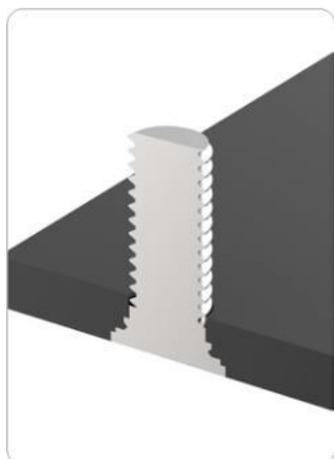


## ● PRESS RIVETING PROCESS DISPLAY

压铆工艺展示

### ■ 压铆螺钉

Pressure riveting screw

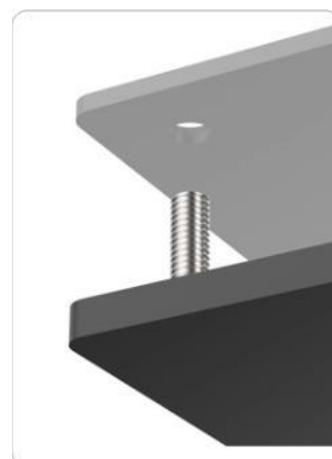
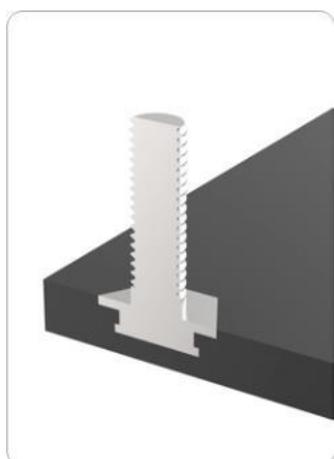


- 应用于钣金、薄板、机箱的一种紧固件，能在薄板上形成有效固定的外螺纹  
A fastener used in sheet metal, thin plates, and chassis, Can form an effective fixed external thread on the thin plate

- 表面能看见压铆件外轮廓  
The outer contour of the pressure riveting part can be seen on the surface

### ■ 埋头压铆螺钉

Countersunk riveting screws



- 应用于钣金、薄板、机箱的一种紧固件，能在薄板上形成有效固定的外螺纹  
A fastener used in sheet metal, thin plates, and chassis, Can form an effective fixed external thread on the thin plate

- 板材背面平滑  
Smooth back of the board

- 板厚要求不小于3mm  
The board thickness requirement cannot less than 3mm

## ● PRESS RIVETING PROCESS DISPLAY

压铆工艺展示

### ■ 盲孔式压铆螺母柱

Blind hole pressure riveting nut column



- 应用于钣金、薄板、机箱的一种紧固件,能在薄板上形成有效固定的内螺纹

A fastener used in sheet metal, thin plates, and chassis, Can form an effective fixed internal thread on the thin plate

- 螺柱顶部封闭  
Stud top closed

- 能用于需封闭底端的工作环境  
Can be used in working environments where the bottom end needs to be closed

### ■ 松不脱螺钉

Captive Panel Screws



- 应用于钣金、薄板、机箱的一种紧固件  
A fastener used in sheet metal, thin plates, and chassis

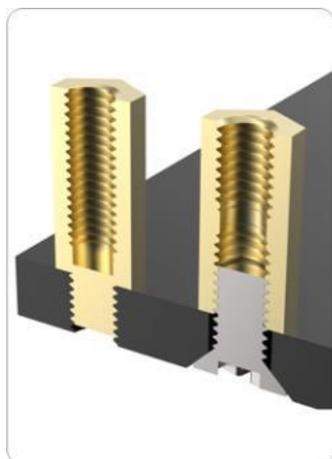
- 螺丝能上下活动,整体镶在面板上不脱离面板  
The screws can move up and down, The whole is inlaid on the panel and does not leave the panel

## ● PRESS RIVETING PROCESS DISPLAY

压铆工艺展示

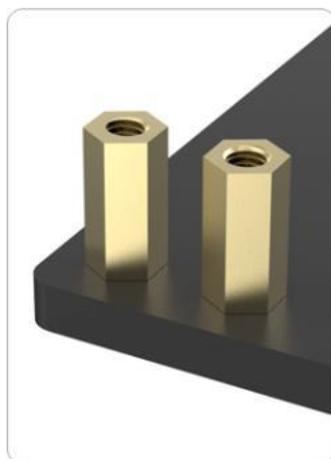
### ■ 铜柱

Copper pillar



- 单通铜柱底部有外螺纹，可以直接固定在螺纹孔上

There is an external thread at the bottom of the single-pass copper column, which can be directly fixed on the threaded hole



- 双通铜柱需要用螺丝固定在板材上  
The double-pass copper column needs to be fixed on the plate with screws



- 通常在无法使用压铆的情况下使用  
Usually used when pressure riveting cannot be used

### ■ 压铆定位销

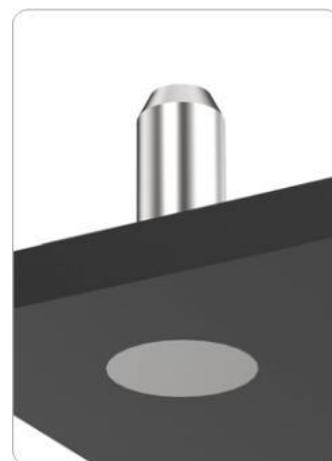
Pressure riveting positioning pin



- 能在板材上提供定位和导向功能  
Can provide positioning and guiding functions on the plate



- 表面能看见压铆件外轮廓  
The outer contour of the pressure riveting part can be seen on the surface



## ● PCB INSTALLATION INSTRUCTIONS (6 items) PCB安装说明(6种安装方法)



- 1** PCB板通过螺丝安装在垫板，垫板通过压铆螺柱固定在壳体内  
The PCB board is installed on the base plate through screws,  
and the base plate is fixed in the shell through riveting studs



- 2** PCB板通过螺丝安装在垫板，垫板以插槽的方式固定在壳体内  
The PCB board is installed on the base plate through screws,  
and the base plate is fixed in the shell in the form of slots



- 3** 通过铜柱和壳体底部的连接安装PCB板  
Install the PCB through the connection between  
the copper column and the bottom of the housing

- 4** 通过壳体内壁的PCB板插槽安装  
It is installed through the PCB slot  
on the inner wall of the housing



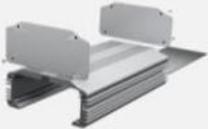
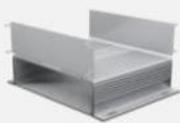
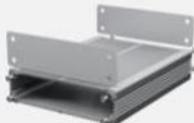
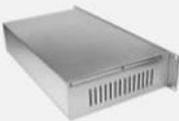
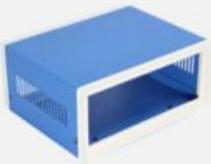
- 5** 通过壳体底板（需要有一定厚度）的埋头压铆螺柱安装PCB板  
Install the PCB board through the countersunk rivet studs of  
the shell bottom plate (a certain thickness is required)



- 6** 通过CNC加工螺丝柱安装PCB板  
Install PCB board by CNC machining screw post

## SERIES OVERVIEW

系列总览

系列 SERIES	<b>A</b>	分体带耳	分体不带耳	整体带耳	整体不带耳
外观 EXTERIOR					
参考图					
结构 STRUCTURE	SEPARATE BODY WITH EAR	SEPARATE BODY WITHOUT EAR	MONOLITHIC LUG	WHOLE WITHOUT EARS	
系列 SERIES	<b>B</b>	1U 机箱	2U 机箱	3U 机箱	4U 机箱
外观 EXTERIOR					
参考图					
结构 STRUCTURE	1U CASE	2U CASE	3U CASE	4U CASE	
系列 SERIES	<b>C</b>	塑胶围框机箱 带提手	塑胶围框机箱 不带提手	金属围框机箱	金属机箱
外观 EXTERIOR					
参考图					
结构 STRUCTURE	PLASTIC ENCLOSURE CHASSIS	THE PLASTIC ENCLOSURE HAS NO HANDLE	METAL ENCLOSURE CHASSIS	METAL CASE	
系列 SERIES	<b>D</b>	塑胶机箱			
外观 EXTERIOR					
参考图					
结构 STRUCTURE	PLASTIC CASE				

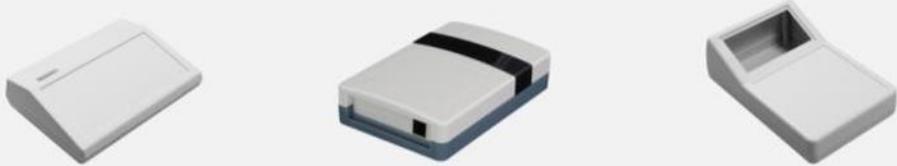
## SERIES OVERVIEW

系列总览

系列 SERIES	<b>E</b>	压铸铝外壳
外观 EXTERIOR		
参考图		
结构 STRUCTURE	DIE-CAST ALUMINUM HOUSING	
系列 SERIES	<b>F</b>	钣金机箱
外观 EXTERIOR		
参考图		
结构 STRUCTURE	SHEET METAL CASE	
系列 SERIES	<b>H</b>	塑胶防水盒
外观 EXTERIOR		
参考图		
结构 STRUCTURE	PLASTIC WATERPROOF CASE	
系列 SERIES	<b>I</b>	组合式塑胶机箱
外观 EXTERIOR		
参考图		
结构 STRUCTURE	COMPOSITE PLASTIC CASE	

## SERIES OVERVIEW

系列总览

系列 SERIES	J	塑胶台式机箱
外观 EXTERIOR		
参考图		
结构 STRUCTURE	PLASTIC DESKTOP CASE	
系列 SERIES	K	门禁、读卡、安防外壳
外观 EXTERIOR		
参考图		
结构 STRUCTURE	ACCESS CONTROL, CARD READING, SECURITY SHELL	
系列 SERIES	L	网络外壳
外观 EXTERIOR		
参考图		
结构 STRUCTURE	NETWORK SHELL	
系列 SERIES	M	手持外壳
外观 EXTERIOR		
参考图		
结构 STRUCTURE	HAND CASE	

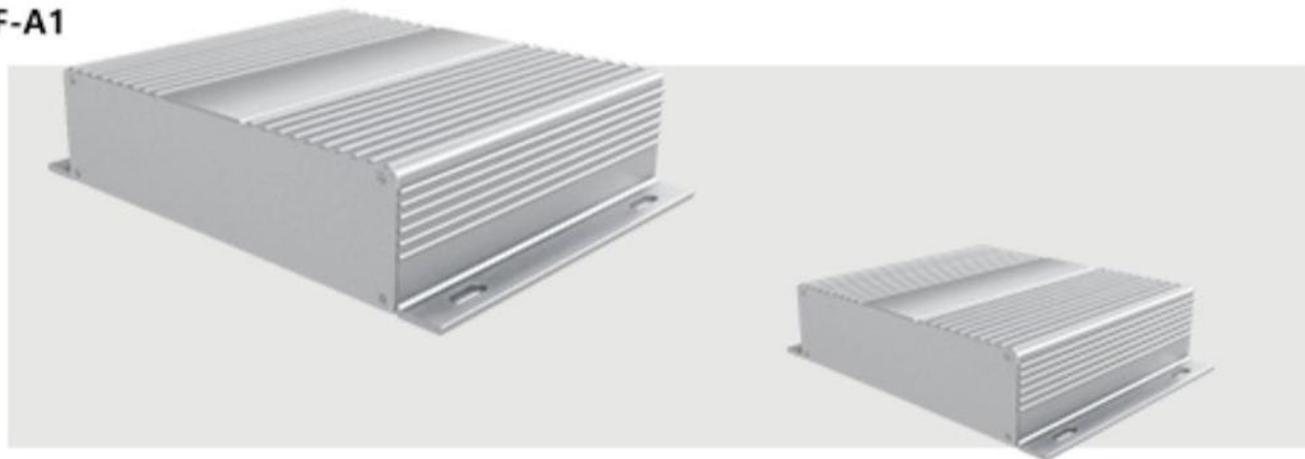
## SERIES OVERVIEW

系列总览

系列 SERIES	N	通用塑胶外壳
外观 EXTERIOR		
参考图		
结构 STRUCTURE	UNIVERSAL PLASTIC CASE	
系列 SERIES	O	电源盒
外观 EXTERIOR		
参考图		
结构 STRUCTURE	POWER SUPPLY BOX	
系列 SERIES	Q	工控外壳
外观 EXTERIOR		
参考图		
结构 STRUCTURE	INDUSTRIAL CONTROL SHELL	
系列 SERIES	R	导轨、模块盒
外观 EXTERIOR		
参考图		
结构 STRUCTURE	GUIDE RAIL, MODULE BOX	

A

HF-A1



## MULTIVIEW

多视图



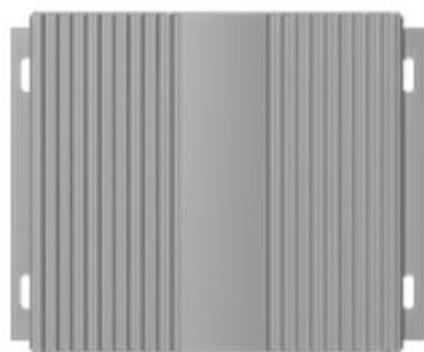
正视图



侧视图



截面图



顶视图



爆炸图

## TECHNICAL PARAMETER

技术参数

序号 S/N	组件 DESCRIPTION	数量 PCS	材料 MATERIAL	颜色/表面处理 COLOR/FINISH
1	前后面板 FRONT/REAR PLATE	2	6063 ALUMINIUM	喷砂银白 SANDBLASTING SILVER
2	十字大扁头螺丝 CROSS RECESSED MUSHROOM	8	碳钢 CARBON STEEL	喷砂银白 SANDBLASTING SILVER
3	主体 SUBJECT	1	6063 ALUMINIUM	喷砂银白 SANDBLASTING SILVER

常规尺寸 (宽\*高) CONVENTIONAL SIZE (WIDTH\*HEIGHT)

147\*36

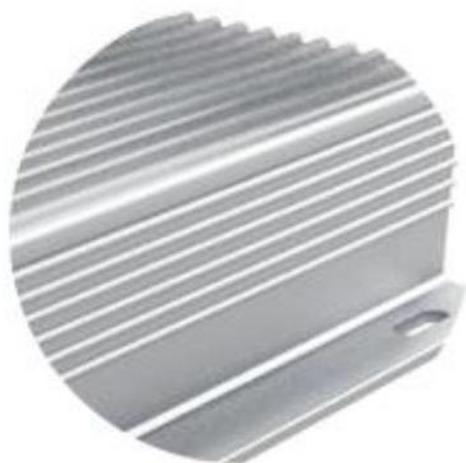
长度支持定制 LENGTH SUPPORT CUSTOMIZATION

● DETGAILS  
细节展示

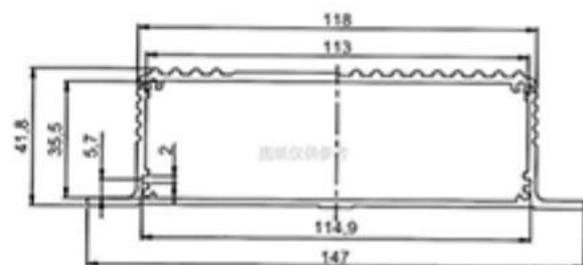
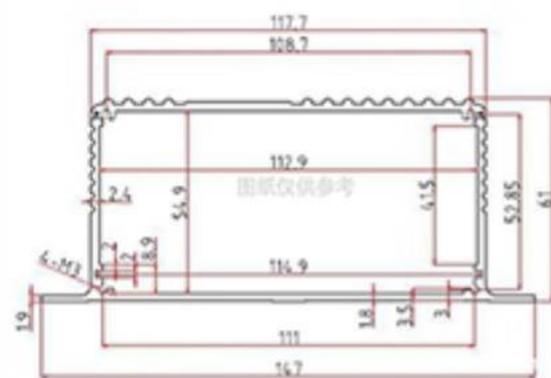


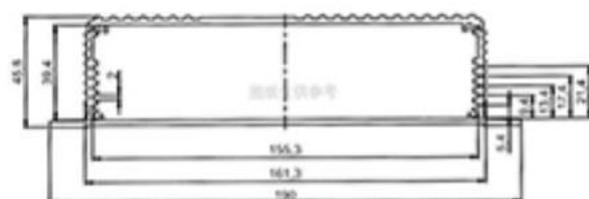
整体式铝合金外壳  
INTEGRAL ALUMINUM  
ALLOY HOUSING

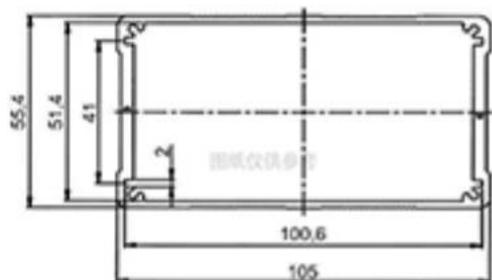
安装便捷 美观大方  
CONVENIENT INSTALLATION  
ELEGANT APPEARANCE



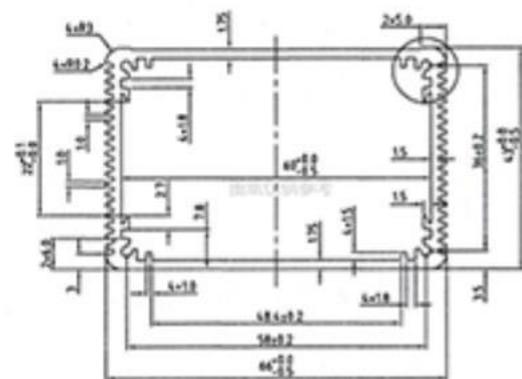
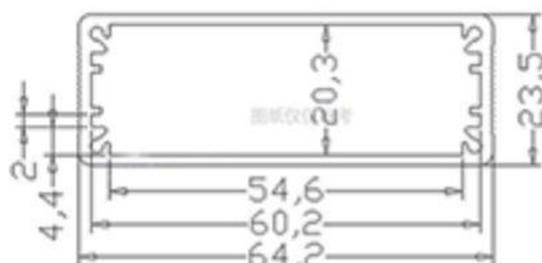
开孔定制, 激光打标, 定制丝印  
CUSTOMIZATION: CUTOUTS, LASER  
PRINTING AND SILKSCREEN

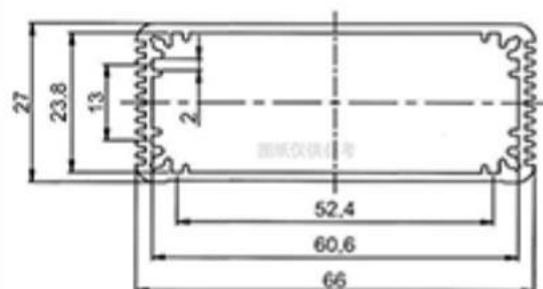
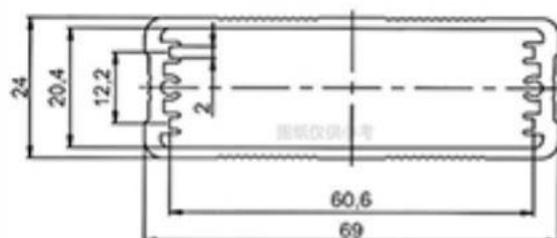
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**A****HF-A5-1****HF-A-5-1****HF-A6-1****HF-A-6-1**

**A****HF-A7****HF-A-7****HF-A8****HF-A-8**



**A****HF-A10****HF-A-10****HF-A11****HF-A-11**

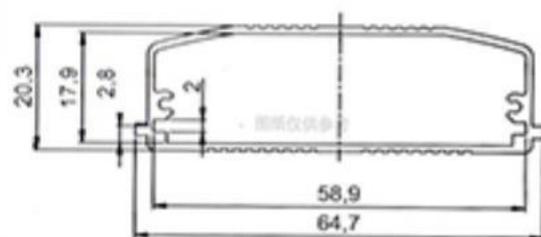
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A

● HF-A14



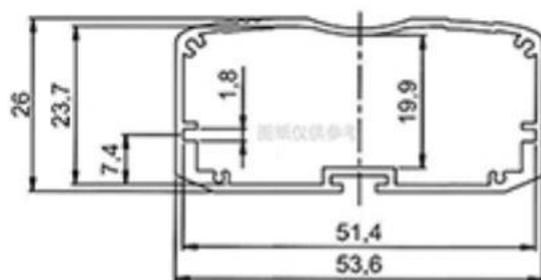
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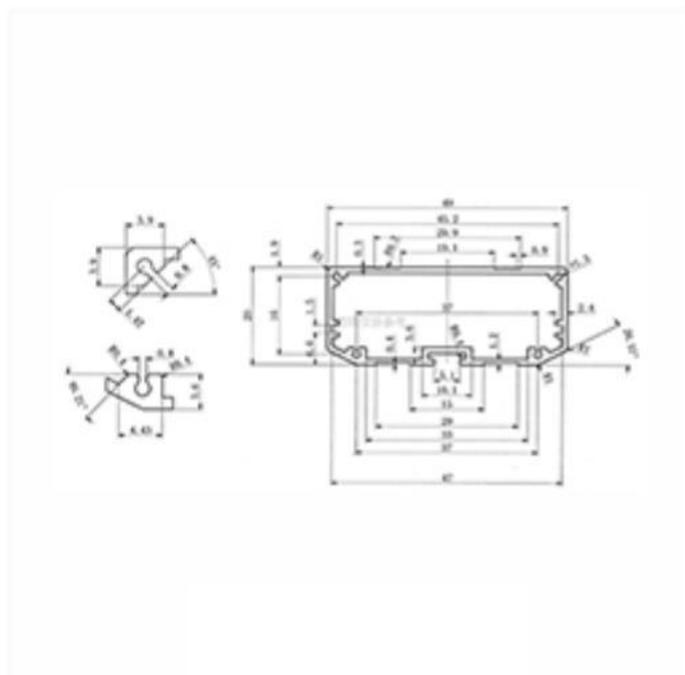
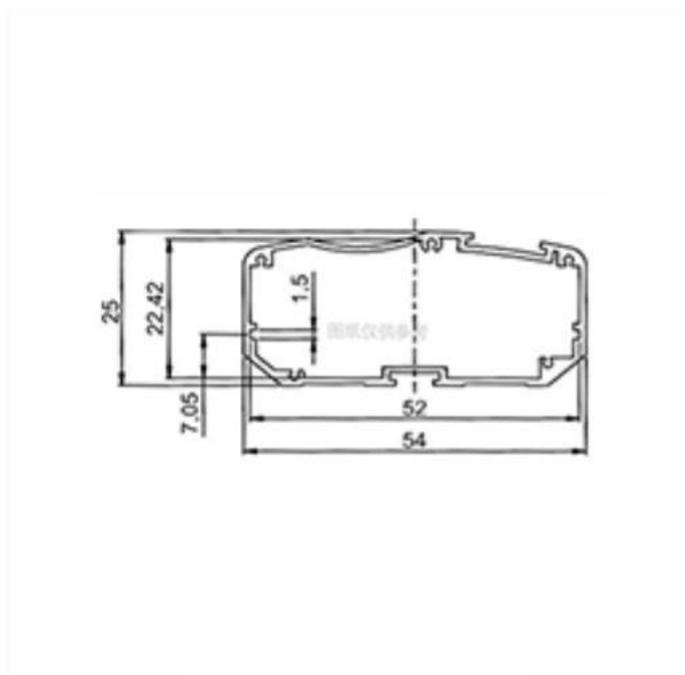


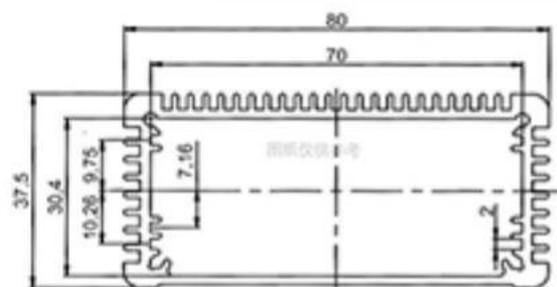
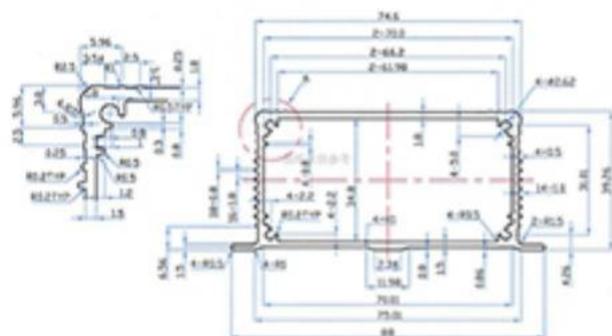
● HF-15



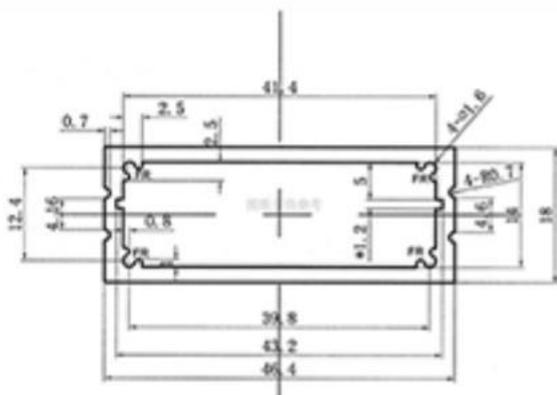
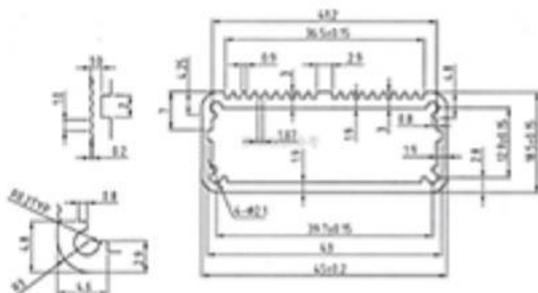
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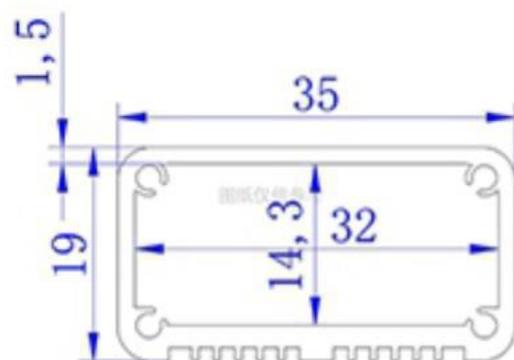
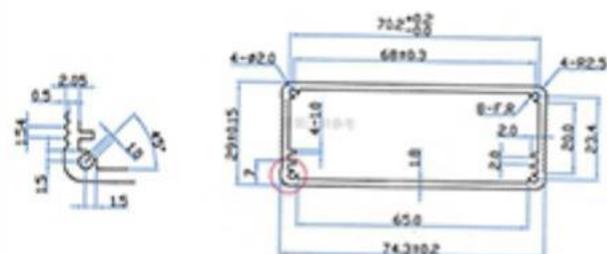


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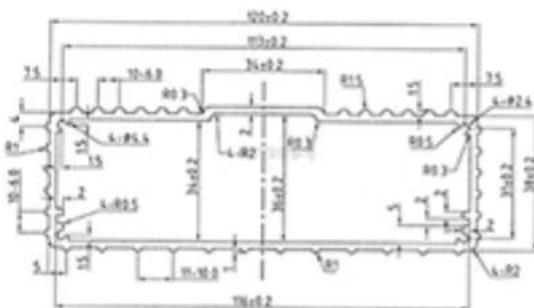
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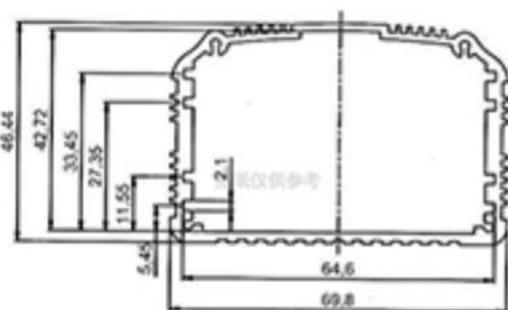
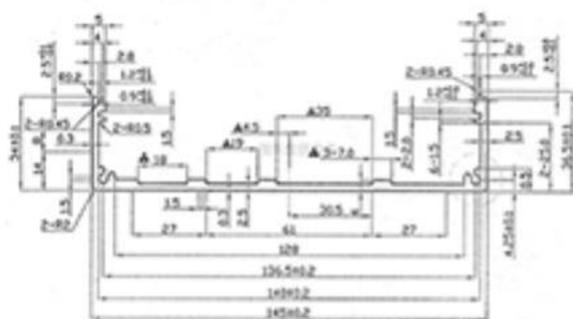


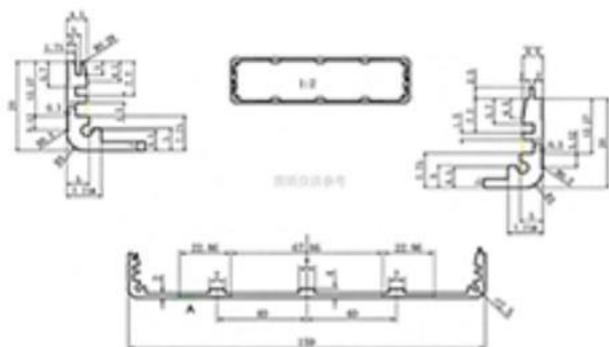
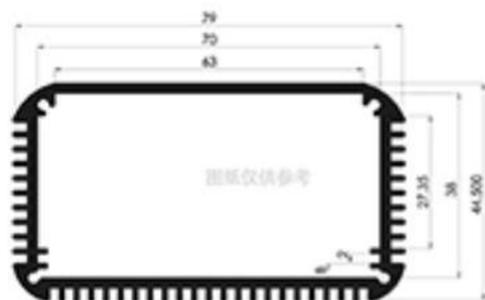
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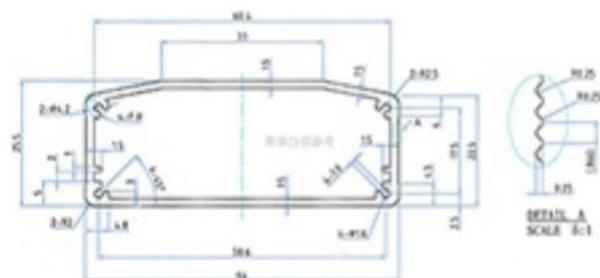
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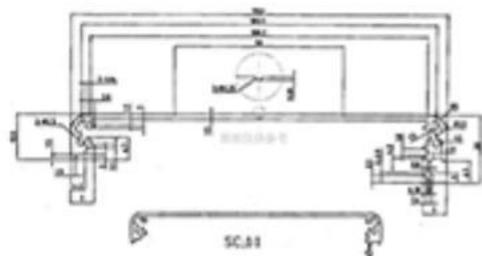
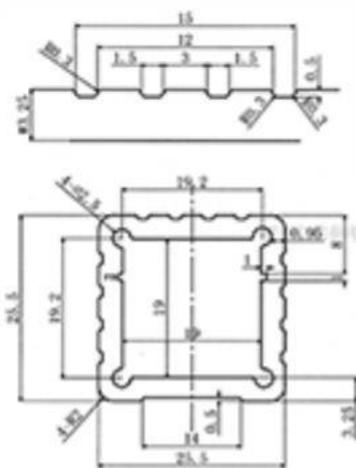


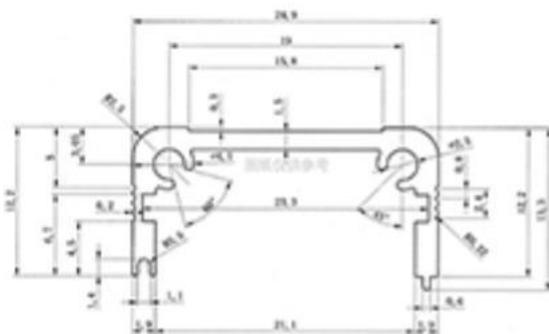
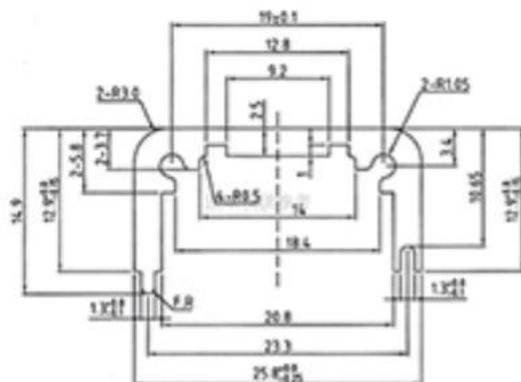
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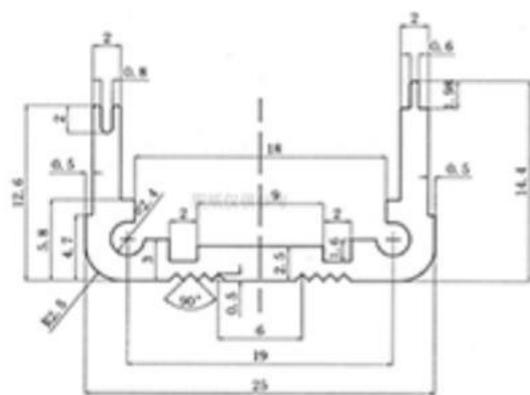
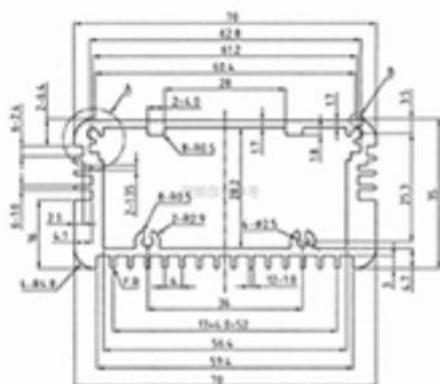
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**A****HF-A33****HF-A-33**

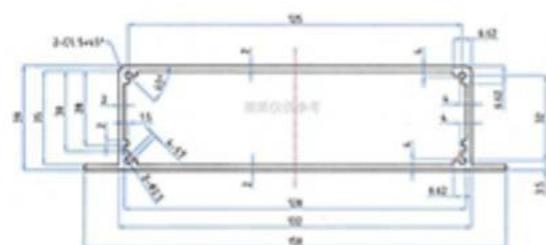
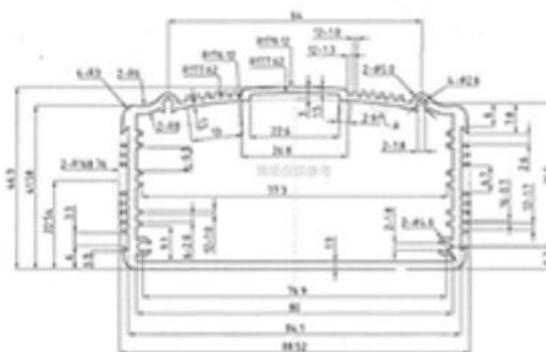
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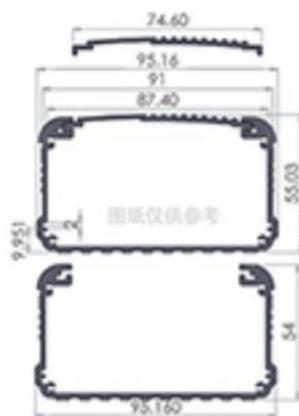
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**A****HF-A36-3****HF-A-36-3****HF-A37****HF-A-37**

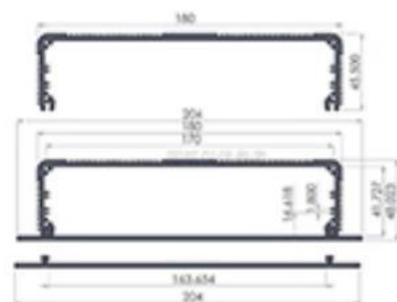
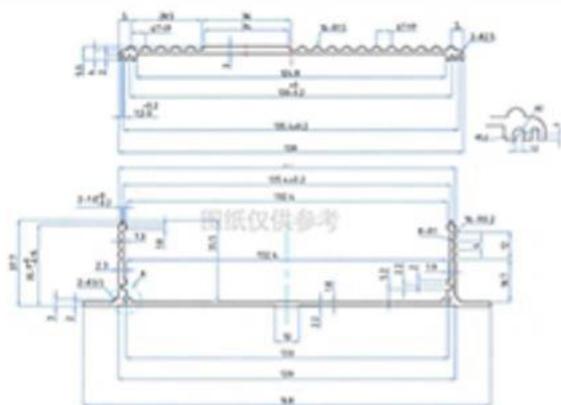


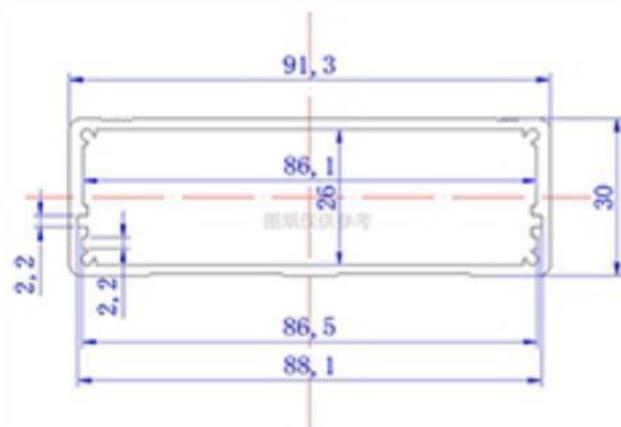
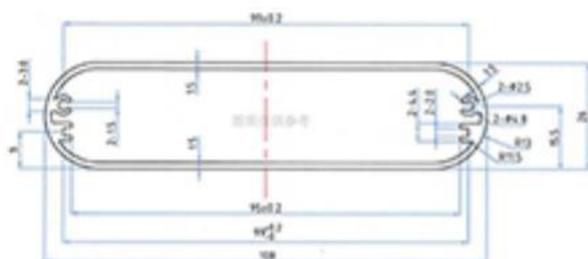


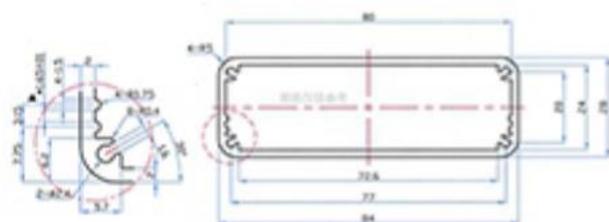
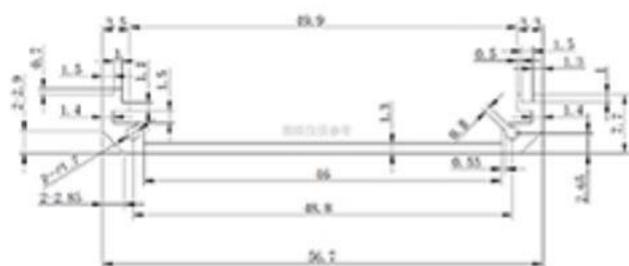
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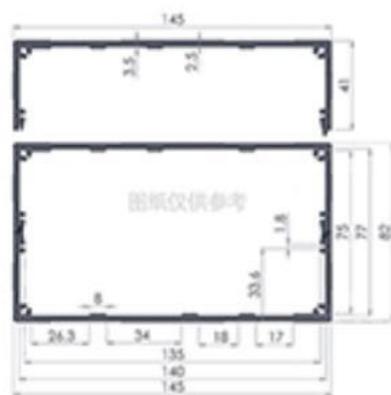
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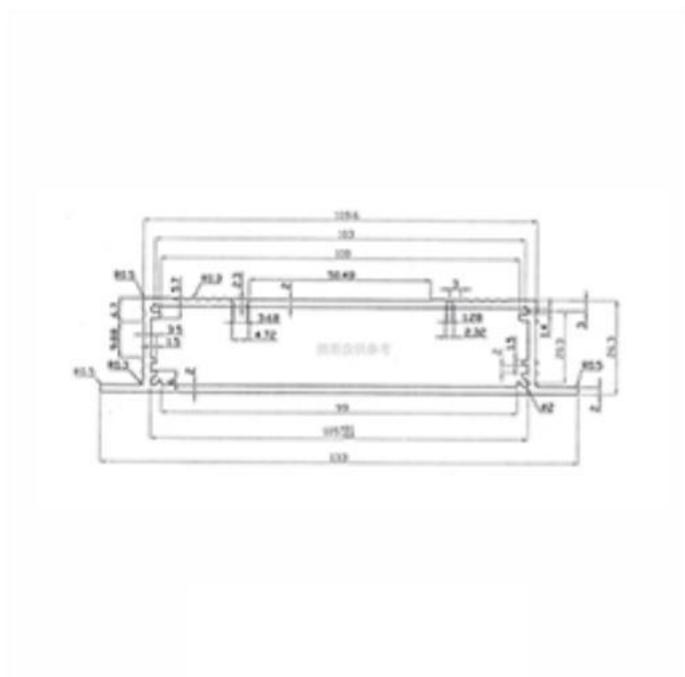
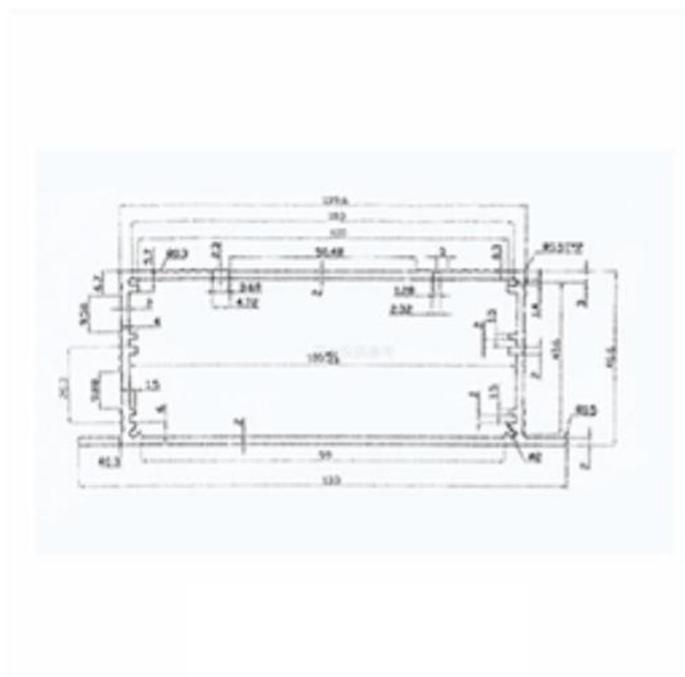
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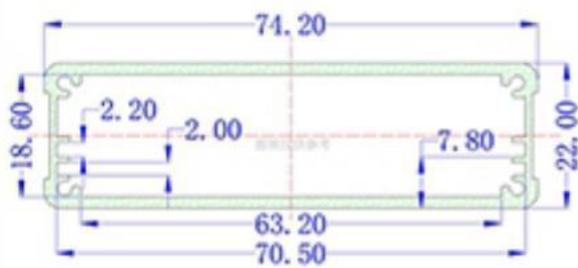
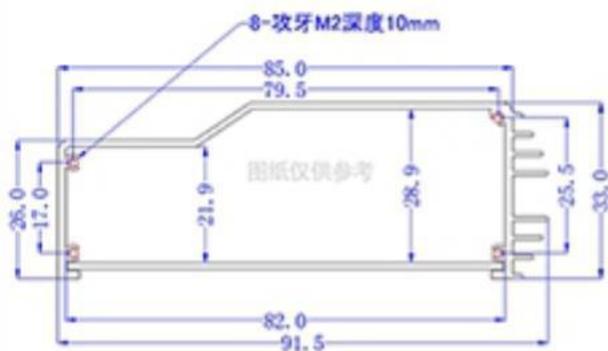




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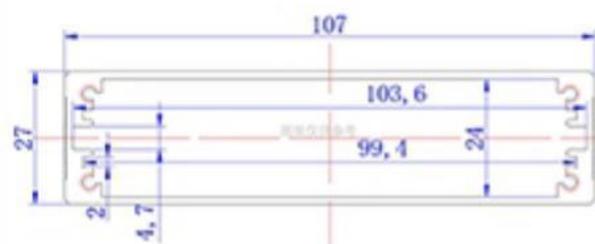
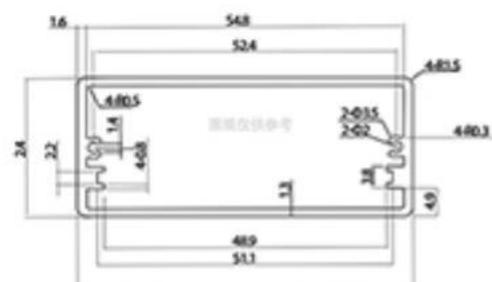
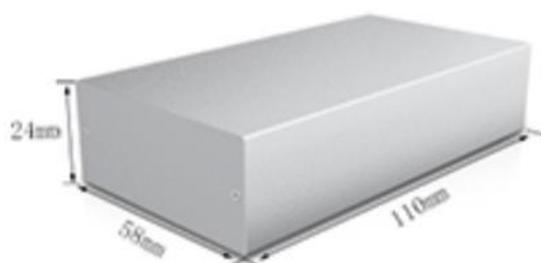
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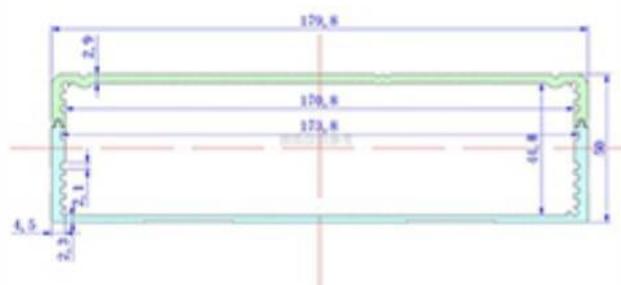
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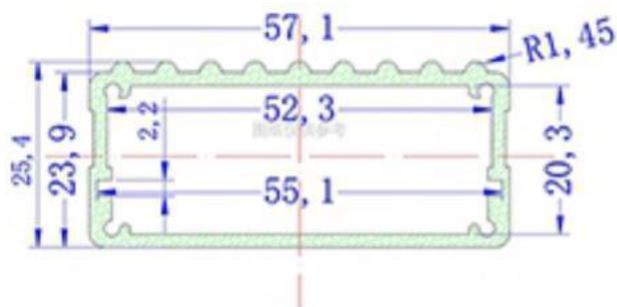




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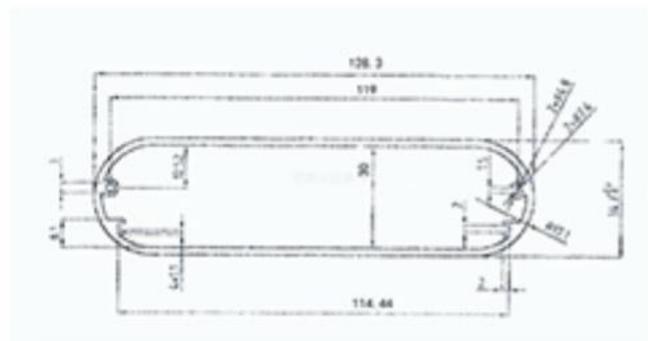
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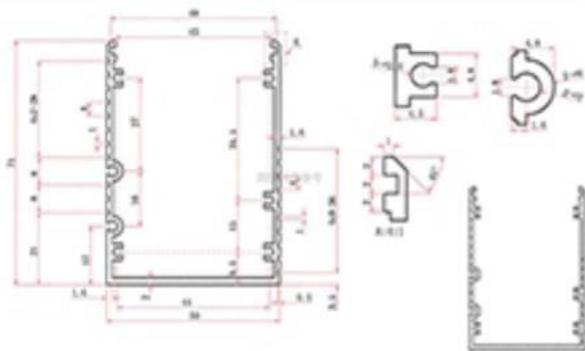
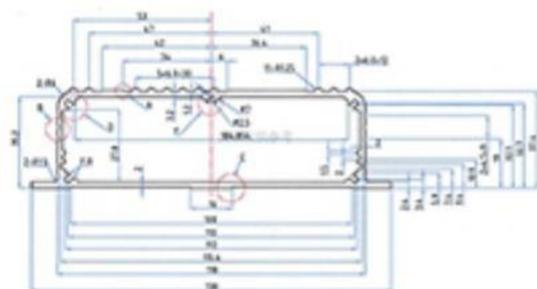
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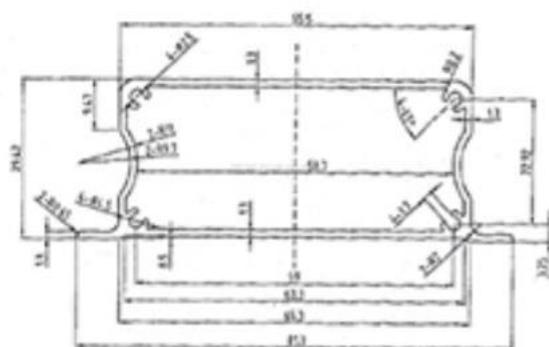
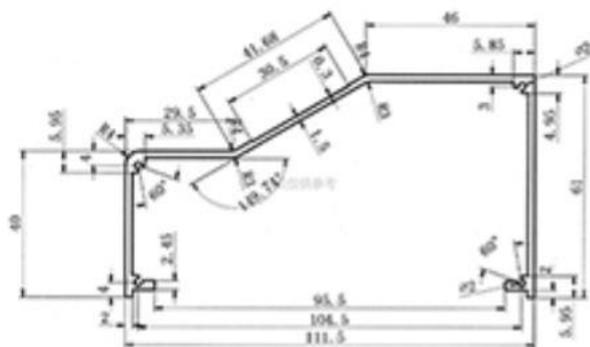




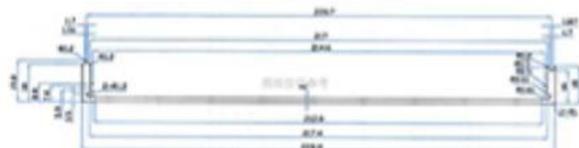
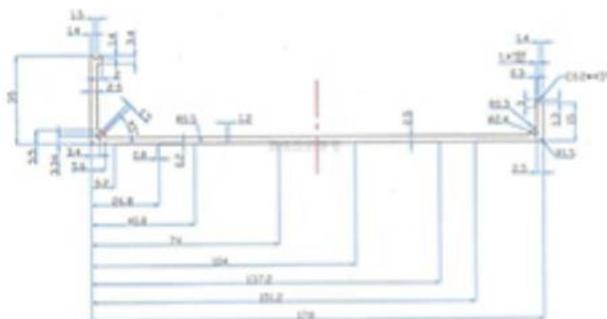
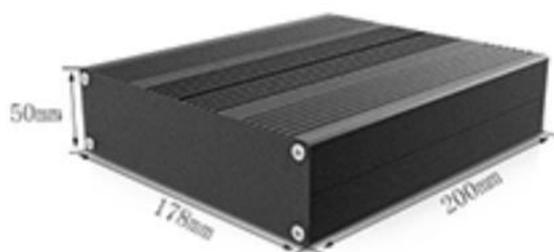


**A****HF-A120****HF-A-120****HF-A121****HF-A-121**

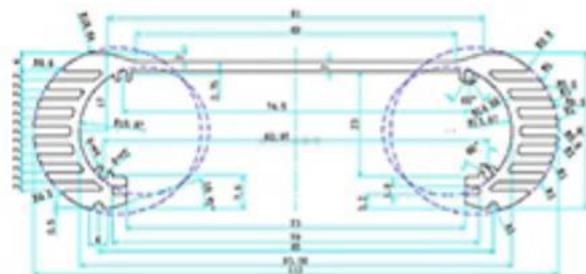
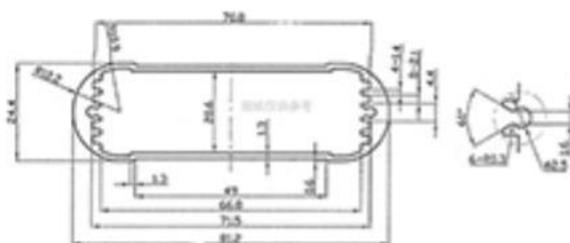
**A****HF-A122****HF-A-122****HF-A123****HF-A-123**

**A****HF-A125****HF-A-125****HF-A126****HF-A-126**



**A****HF-A131****HF-A-131****HF-A132****HF-A-132**



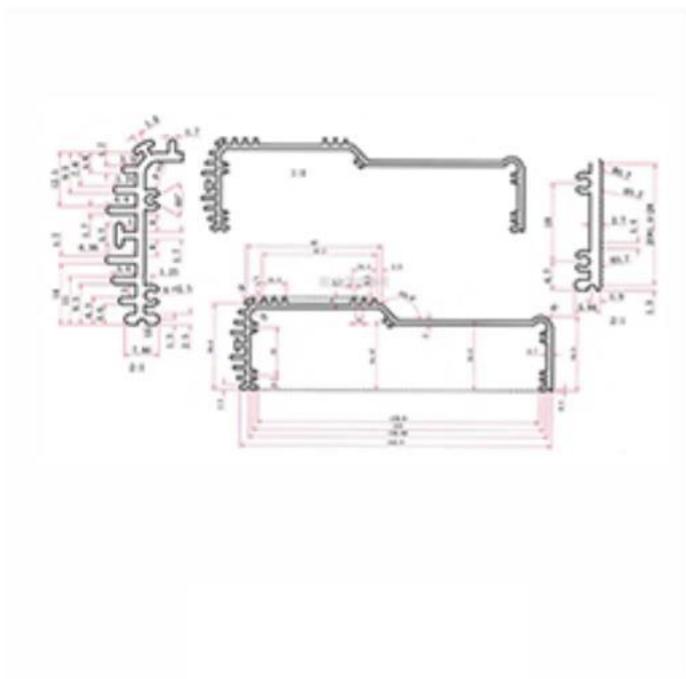
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A

## ● HF-A148



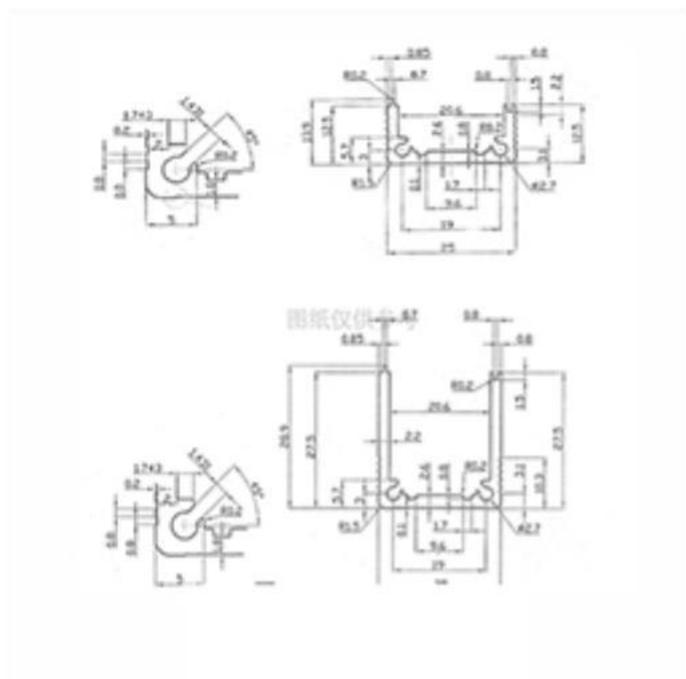
HF-A-148



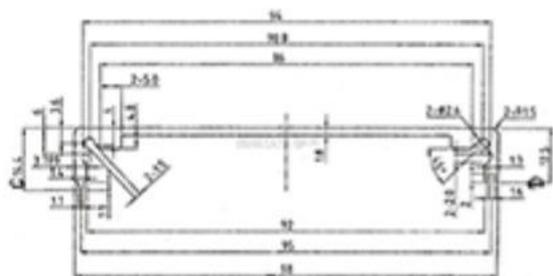
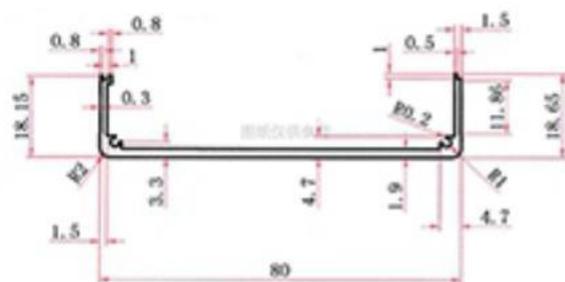
## ● HF-A150

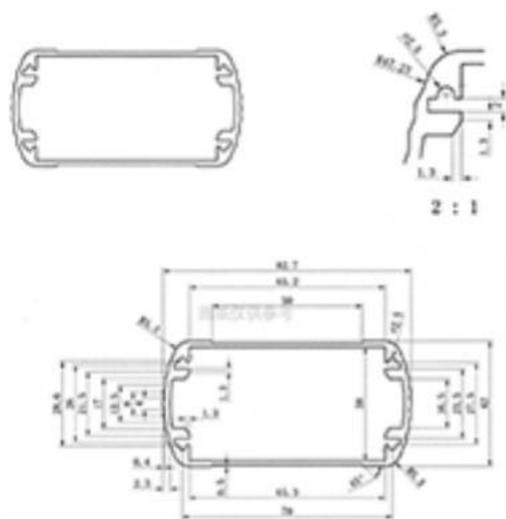
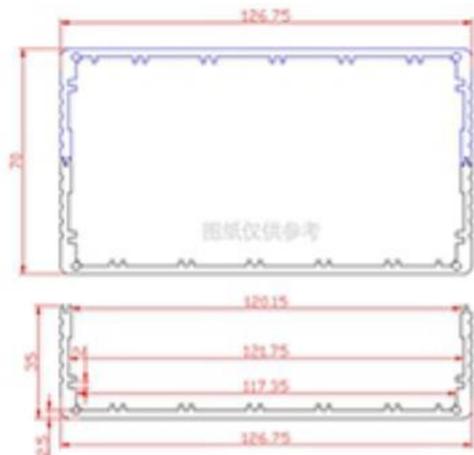


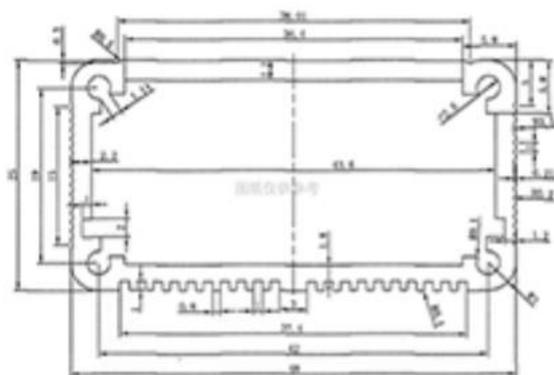
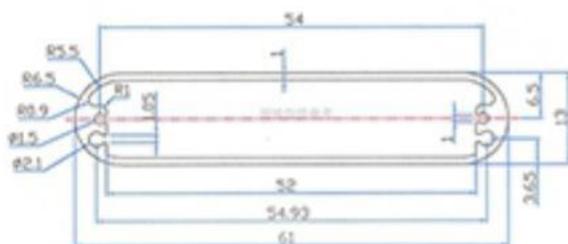
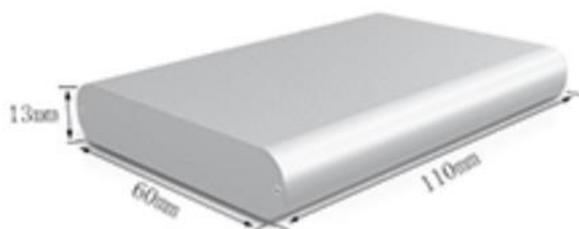
HF-A-150

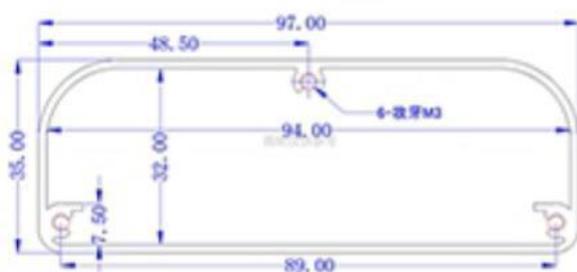
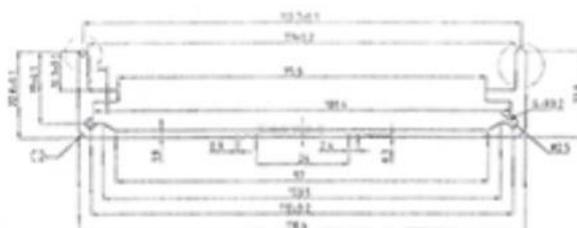




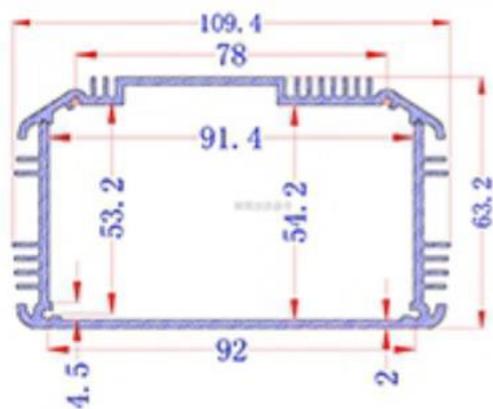
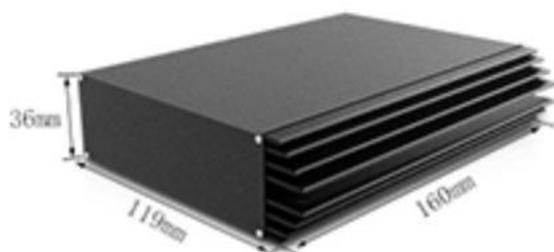
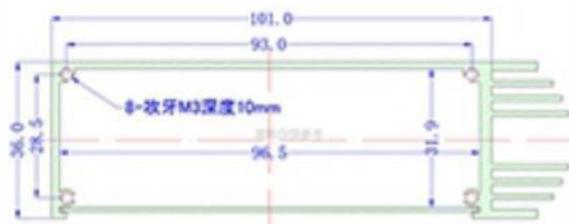
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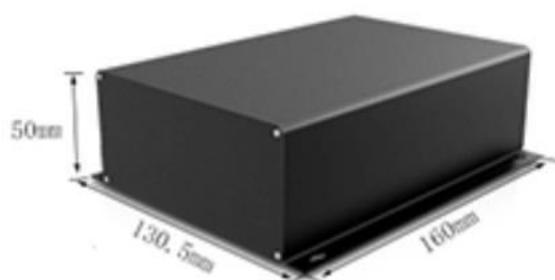
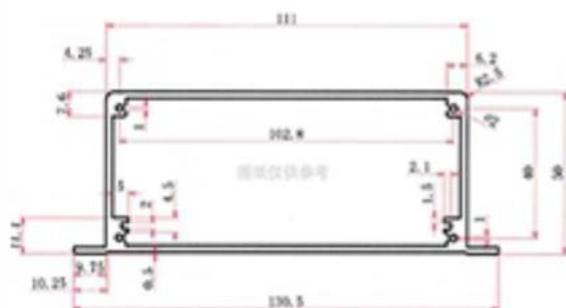
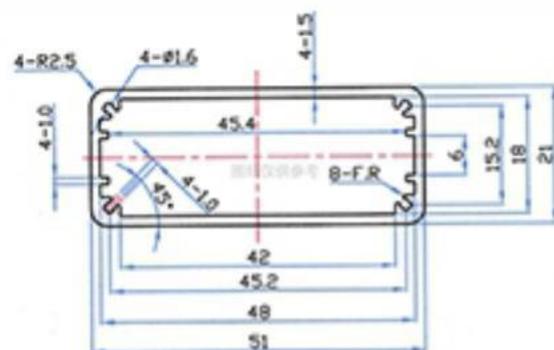
**A****HF-A156****HF-A-156****HF-A157****HF-A-157**

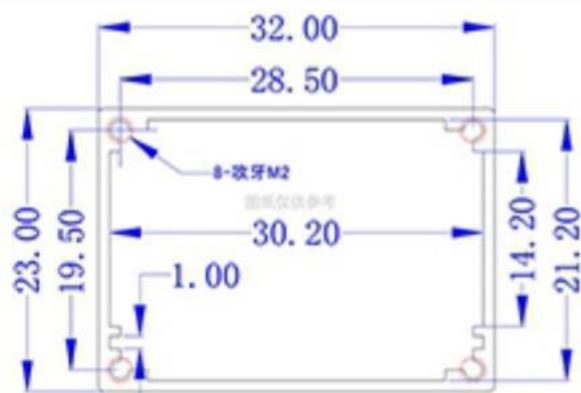
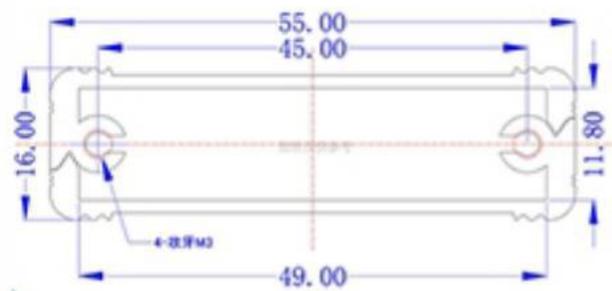
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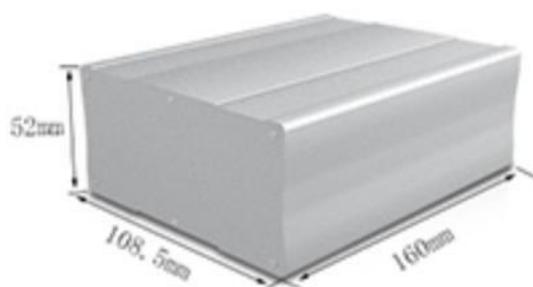
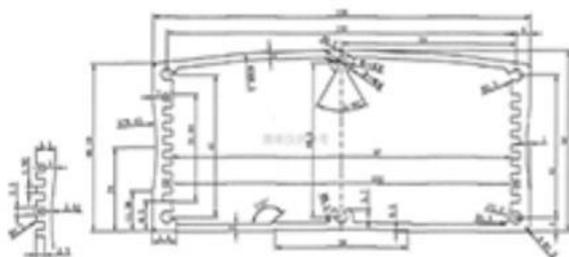
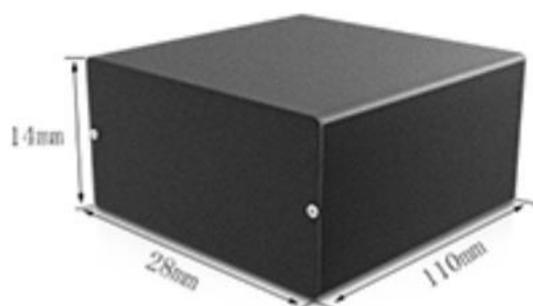
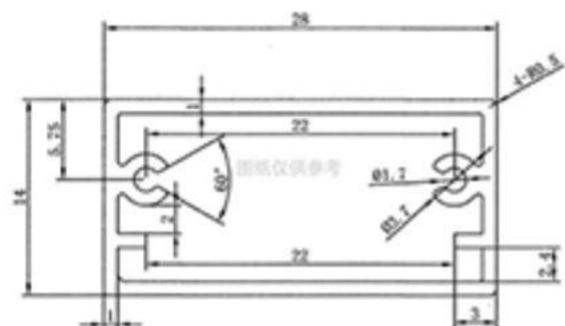
**A****HF-A165****HF-A-165****HF-A166****HF-A-166**



**A****HF-A175****HF-A-175****HF-A177****HF-A-177**

**A****HF-A179****HF-A-179****HF-A182****HF-A-182**

**A****HF-A183****HF-A-183****HF-A185****HF-A-185**

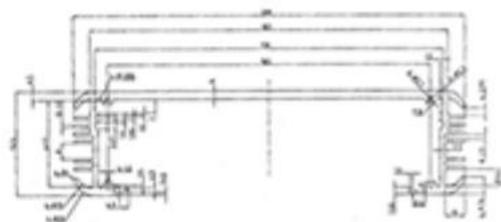
**A****HF-A186****HF-A-186****HF-A188****HF-A-188**



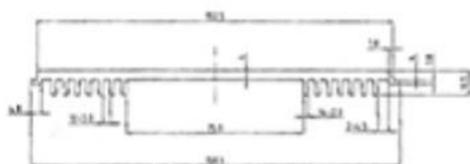
## ● HF-A195



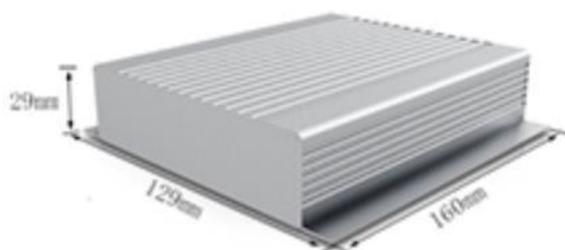
HF-A-195



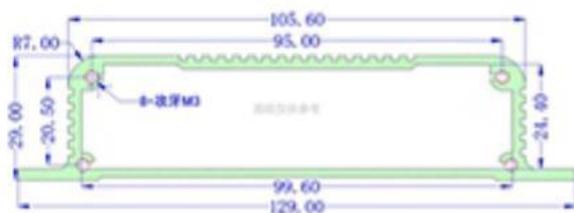
图纸仅供参考

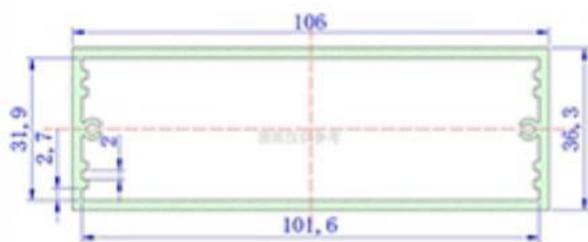


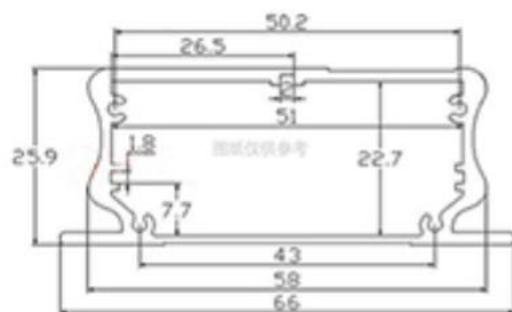
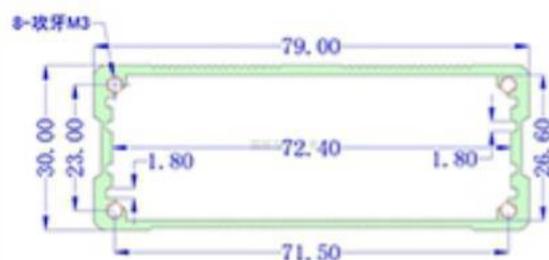
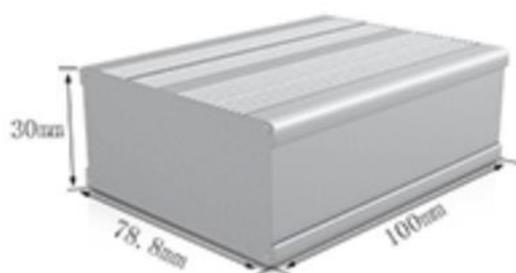
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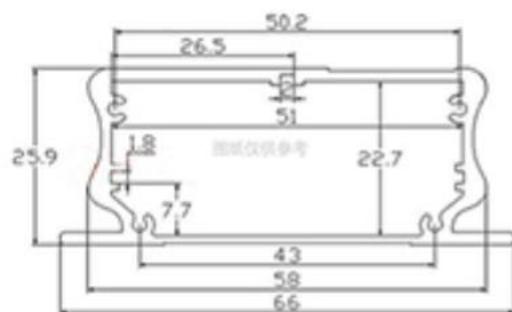
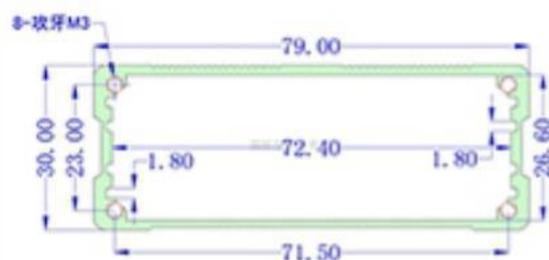
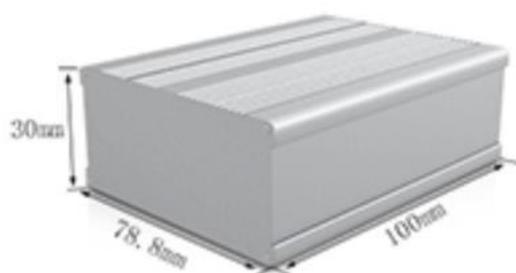


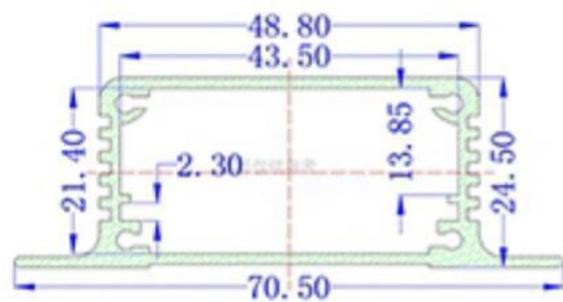
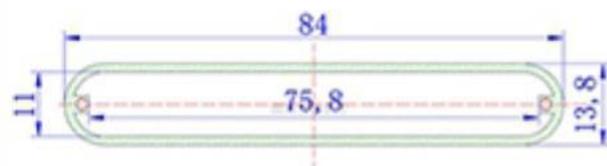
HF-A-198

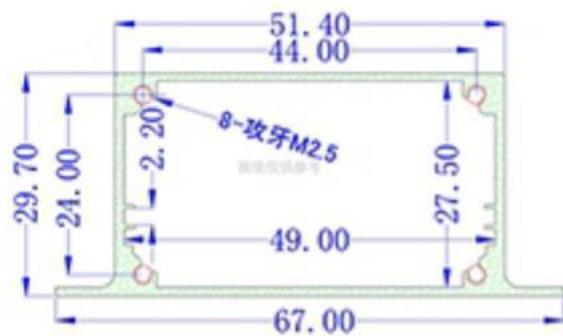
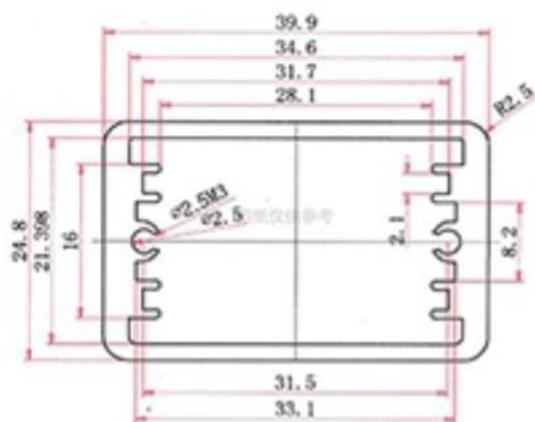


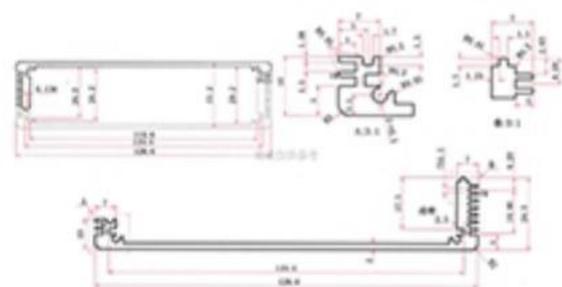
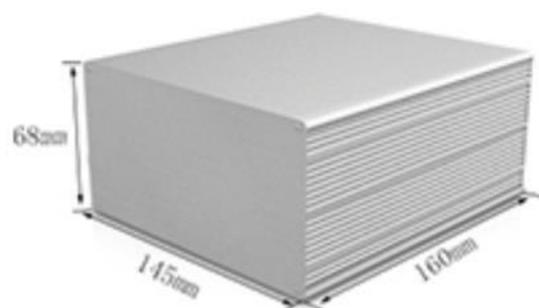
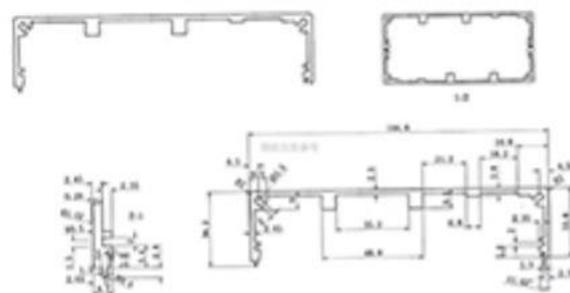
**A****HF-A199****HF-A-199****HF-A201****HF-A-201**

**A****HF-A2****HF-A-205****HF-A3****HF-A-207**

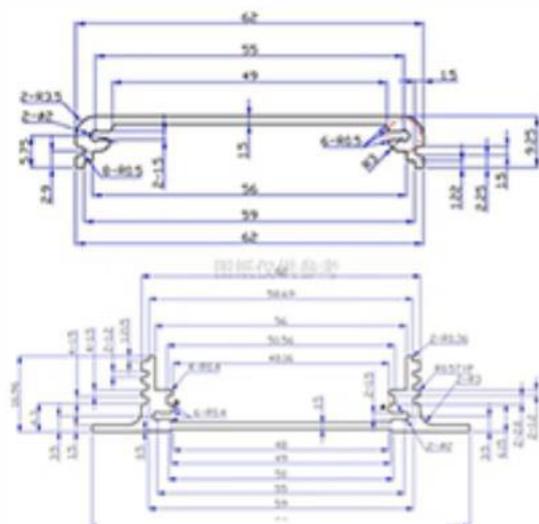
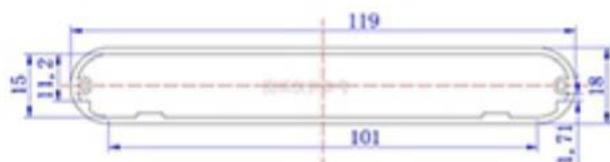
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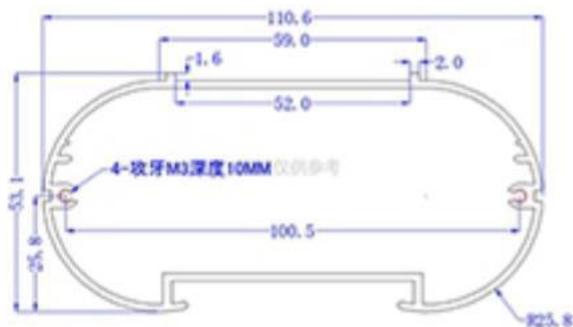
**A****HF-A210****HF-A-213****HF-A216****HF-A-216**

**A****HF-A219****HF-A-219****HF-A220****HF-A-220**

**A****HF-A222****HF-A-222****HF-A225****HF-A-225**

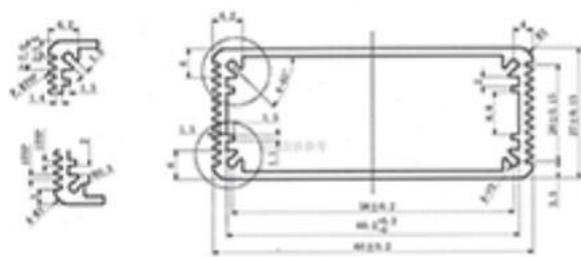


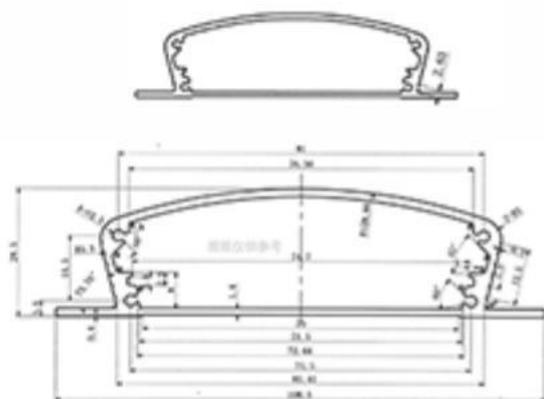
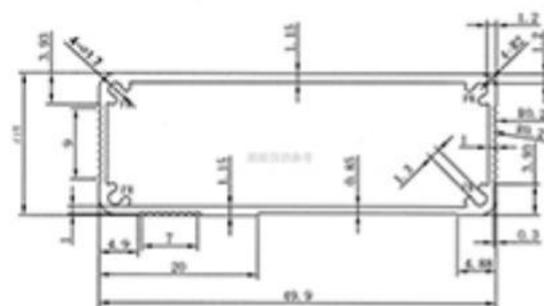
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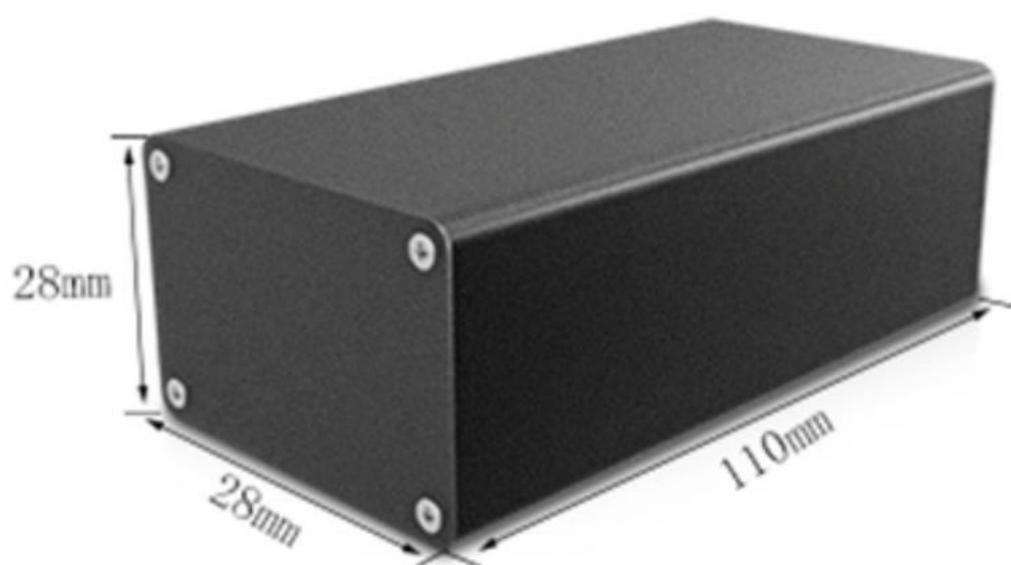
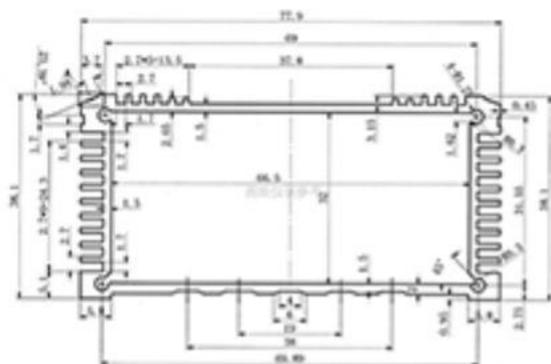
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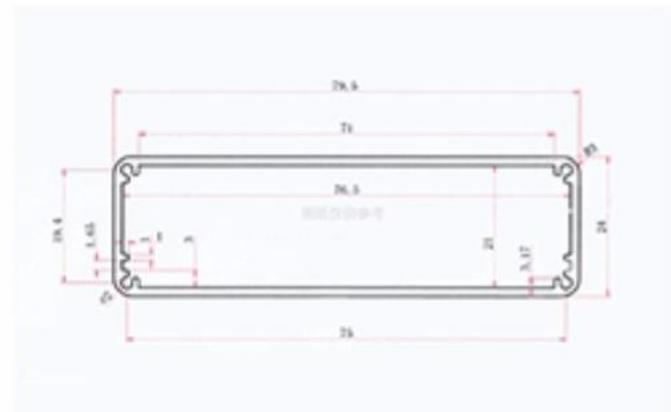
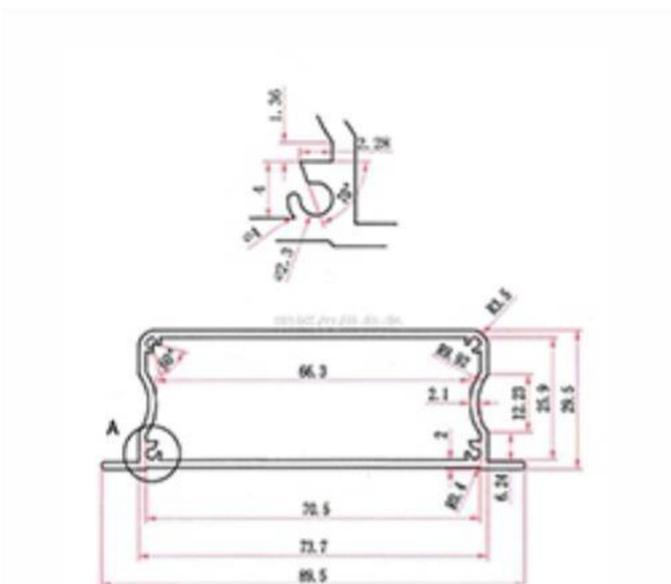
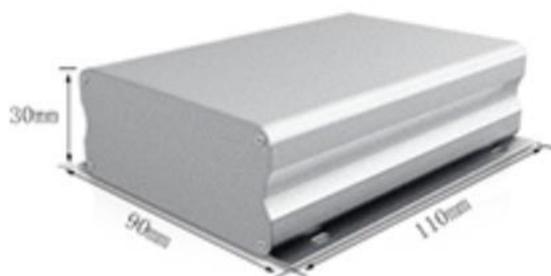


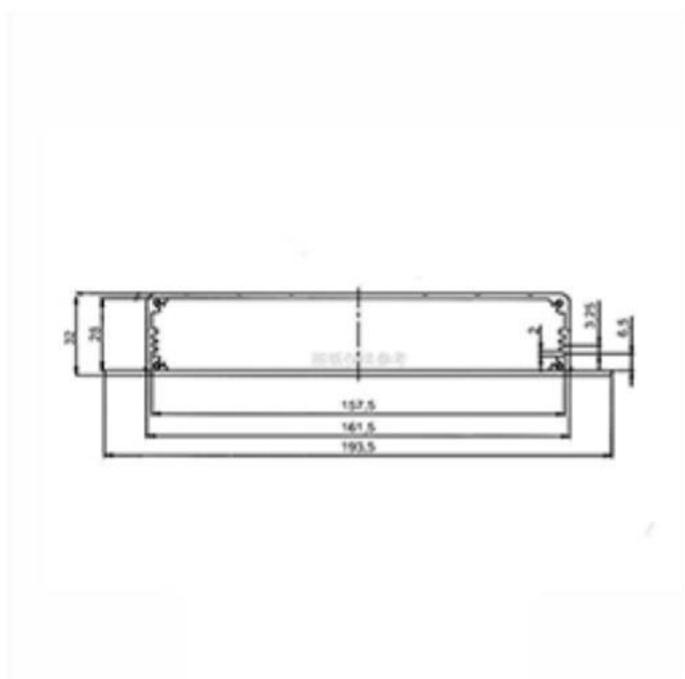
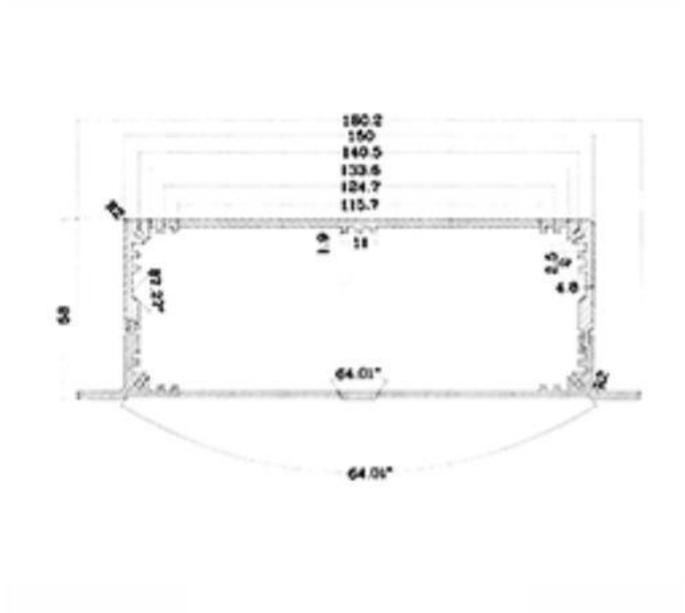
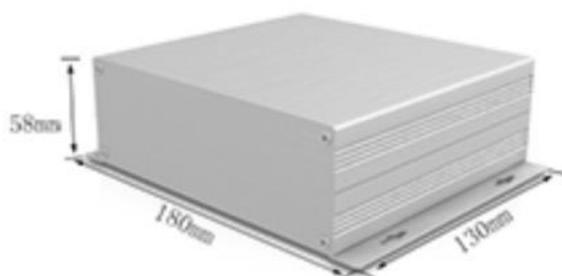


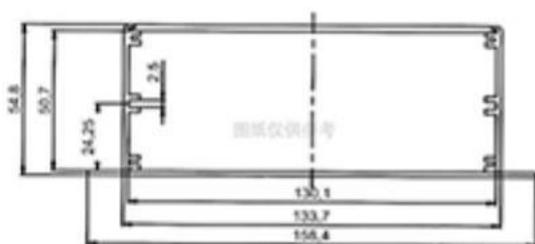
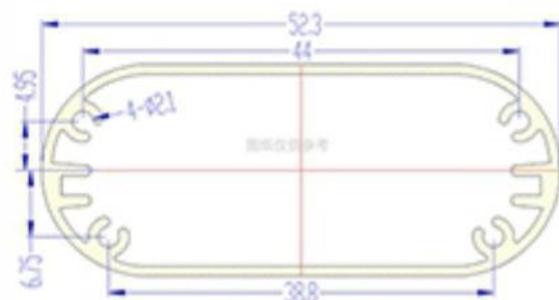
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**A****HF-A273****HF-A-273****HF-A274****HF-A-274**

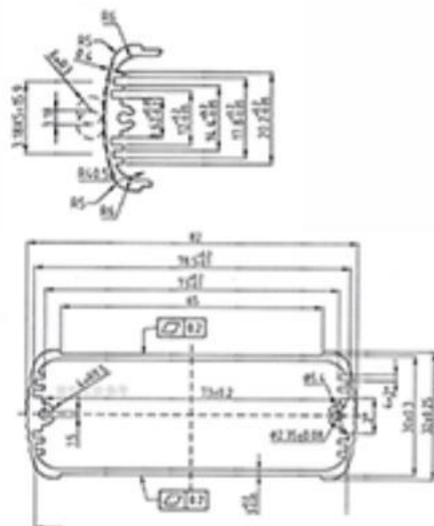
**A****HF-A275****HF-A277****HF-A-277**

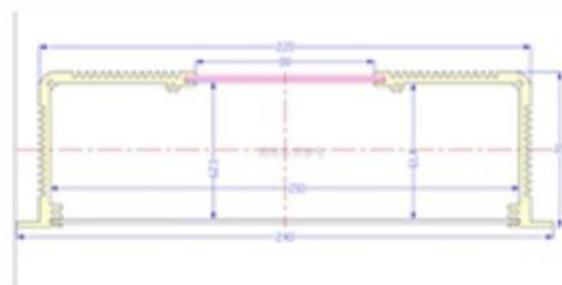
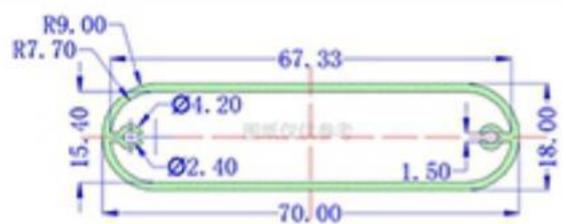
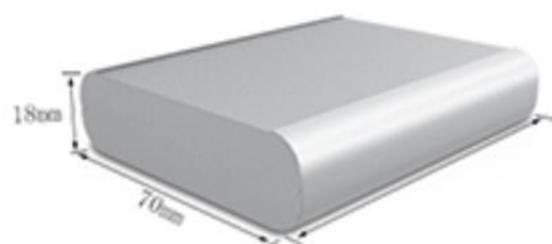
**A****HF-A280****HF-A-280****HF-A281****HF-A-281**

**A****HF-A282****HF-A-282****HF-A291****HF-A-291**

**A****HF-A322****HF-A-322****HF-A369****HF-A-369**

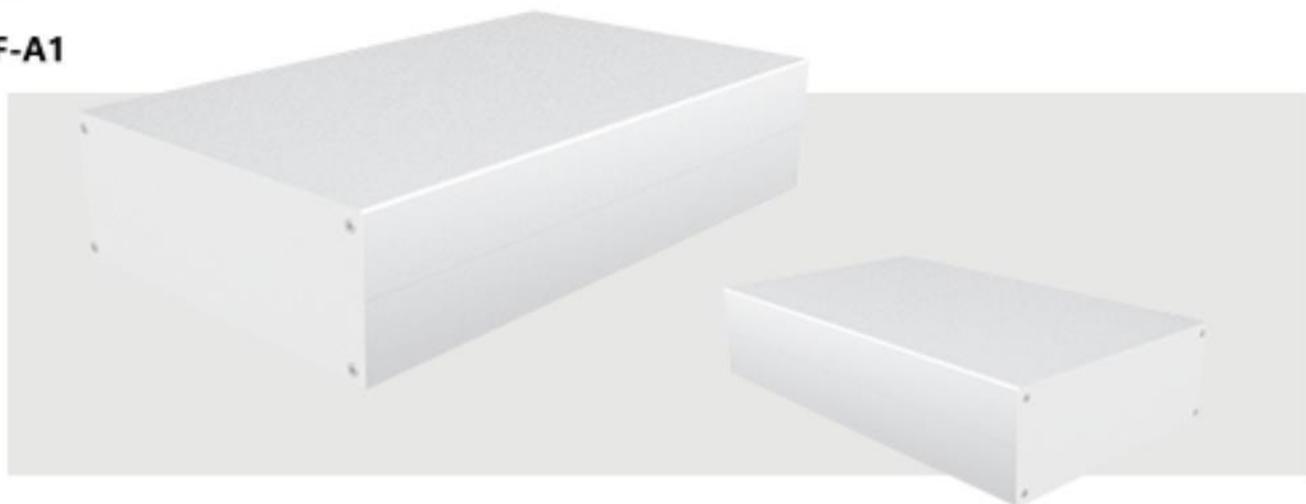


**A****HF-A389****HF-A-389****HF-A390****HF-A-390**

**A****HF-A392****HF-A-392****HF-A393****HF-A-393**

A

HF-A1



## MULTIVIEW 多视图



正视图



侧视图



截面图



顶视图



爆炸图

## TECHNICAL PARAMETER 技术参数

序号 S/N	组件 DESCRIPTION	数量 PCS	材料 MATERIAL	颜色/表面处理 COLOR/FINISH
1	上下盖板 UPPER/LOWER COVER	2	6063 ALUMINIUM	喷砂银白 SANDBLASTING SILVER
2	十字大扁头螺丝 CROSS RECESSED MUSHROOM	8	碳钢 CARBON STEEL	喷砂银白 SANDBLASTING SILVER
3	前后面板 FRONT/REAR PLATE	2	6063 ALUMINIUM	喷砂银白 SANDBLASTING SILVER

常规尺寸 (宽\*高) MM CONVENTIONAL SIZE (WIDTH\*HEIGHT) MM

151\*29

长度支持定制 LENGTH SUPPORT CUSTOMIZATION

**DETGAILS**  
细节展示



整体式铝合金外壳  
INTEGRAL ALUMINUM  
ALLOY HOUSING

安装便捷 美观大方  
CONVENIENT INSTALLATION  
ELEGANT APPEARANCE



开孔定制, 激光打标, 定制丝印  
CUSTOMIZATION: CUTOUTS, LASER  
PRINTING AND SILKSCREEN