



Customized Metal Components Electrical Equipment High Precision Stamping Bending RF Shield Manufacturer

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Xianheng
- Certification: ISO 9001:2015 SGS RoHS
- Model Number: RF-XG-35
- Minimum Order Quantity: 1 pcs
- Price: USD 0.01\$-0.5\$
- Packaging Details: Carton Wooden case
- Delivery Time: 5-8 days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 SET per week



Product Specification

- Products: SMD EMI PCB RF Shield Cover, stamping Contacts, Metal Parts
- Process: Metal Sheets Fabrication, Welding Cutting Punching Stamping
- Application: SMD EMI PCB RF Shield Cover, Mobile PCB Cover
- Tolerance: +/-0.02mm
- Equipment: Precision Stamping Parts
- Material: Tin Plate Copper-Nickel-Zinc Alloy
- Function: Shielding Cover
- Used: PCB Board, mobile Phones Cover, Computers, GPS, Watches, Digital Products And Other Electronic Products, Prevent Electromagnetic Interference (EMI), On PCB Components And LCM Shield
- Surface Finishing: Normal, tin Plating, nickel Plating
- Package: Plastic Bag, Blister Box, Tap Reel Or As Your Required



More Images



What We Can Provide

Customized Metal Components Electrical Equipment High Precision Stamping Bending RF Shield Manufacturer

Description Of Customized Metal Components Electrical Equipment High Precision Stamping Bending RF Shield Manufacturer

A manufacturer specializing in Customized Metal Components for Electrical Equipment, High Precision Stamping, Bending, and RF (Radio Frequency) Shields provides a range of services tailored to meet the specific needs of clients in the electrical and electronics industries.

This manufacturer excels in the production of customized metal components for various electrical equipment. These components can range from simple brackets and enclosures to complex assemblies and sub-assemblies that are integral to the functionality of electrical devices. The company leverages advanced design and manufacturing techniques to ensure that each component meets or exceeds the specified requirements in terms of dimensions, material properties, and performance.

High Precision Stamping is a core competency of this manufacturer. Using state-of-the-art stamping presses and precision tooling, they are able to produce components with intricate shapes and tight tolerances. This precision is crucial for applications where the fit and function of the component directly impact the overall performance of the electrical equipment.

Bending is another key process in their manufacturing capabilities. With experience in various bending techniques, including air bending, coining, and bottoming, they can create components with complex bends and angles. This flexibility allows them to produce parts that fit seamlessly into the overall design of the electrical equipment, ensuring both aesthetic appeal and functional reliability.

RF Shields are an important product line for this manufacturer. RF shields are designed to protect electronic devices from electromagnetic interference (EMI) and radio frequency interference (RFI). By utilizing high-quality materials and precision manufacturing processes, they are able to produce RF shields that effectively block unwanted signals, ensuring the stable and reliable operation of electronic equipment.

Material Of High Precision Stamping Bending Electrical Equipment Instrument Metal RF Shield Manufacturer

Material and Testing Report		
Metal	Aluminum	Aluminum 2024 Aluminum 5052 Aluminum 6061-T6 Aluminum 6063 Aluminum 7075 Aluminum MIC 6
	Stainless steel	SUS303, SUS304, SS316, SS316L
		UNS S32304 UNS S32003 UNS S31803 UNS S32205
		UNS S32760 UNS S32750 UNS S32550 UNS S32707 UNS S33207
		12L14 4140 1018 1045 12L14 4130 4142 ,O1 tool steel,
	Steel	D2 tool steel,A36 1008 ,Alloy42
	Titanium	Grades 1-4 Grade 5 Grade 9
	Brass	260, C360, H59, H60, H62, H63, H65, H68, H70
	Copper	
	Phosphor bronze	
	Bronze	C932
	Carbon fiber	
	PTFE	Polytetrafluoroethylene (PTFE)
Plastic	Acetal	(Polyoxymethylene (POM)) [Delrin]
	PEEK	Polycarbonate
	Polystyrene	Polyether Ketone
	Nylon	
	ABS	
	PVC	
	Acrylic	
	G-10 Garolite	
	Fiberglass	

Finish Result

As Machined	Sharp edge and burrs will be removed
Bead Blast	The part surface is left with a smooth, matte appearance
Anodized	Type II creates a corrosion-resistant finish. Parts can be anodized in different colors—clear, black, red, and gold are most common—and is usually associated with aluminum.
	Type III is thicker and creates a wear-resistant layer in addition to the corrosion resistance seen with Type II.

Powder Coat	This is a process where powdered paint is sprayed onto a part which is then baked in an oven. This creates a strong, wear- and corrosion-resistant layer that is more durable than standard painting methods. A wide variety of colors are available to create the desired aesthetic.
Customized	Contact us via email, skype, whatsapp. We will look into a finishing process for you.
Others	
Tolerance	+/-0.005mm
Lead Time	1-2 weeks for samples, 3-4 weeks for mass production
Drawing Accepted	Solid Works, Pro/Engineer, AutoCAD(DXF, DWG), PDF
Payment Terms	TT/Paypal/WestUnion

High Precision Stamping Bending Electrical Equipment Instrument Metal RF Shield Manufacturer

1. Aircraft parts
2. Automobile parts
3. Fixture parts
4. Medical parts
5. Petro chemical parts
6. Education parts

Features Of High Precision Stamping Bending Electrical Equipment Instrument Metal RF Shield Manufacturer

1. High precision
2. Short processing time
3. Easier customized/personalized

Why Choose Us

Our Advantages

1. Customized Solutions:

The manufacturer's ability to provide customized metal components tailored to the specific needs of clients in the electrical and electronics industries is a significant advantage. This means that businesses can obtain parts that perfectly fit their design requirements, ensuring both aesthetic appeal and functional reliability. This customization also allows for the creation of unique solutions that can differentiate products in a competitive market.

2. Precision and Reliability:

The manufacturer's expertise in high precision stamping and bending ensures that components are produced with tight tolerances and intricate shapes. This precision is crucial for applications where the fit and function of the component directly impact the overall performance of the electrical equipment. Additionally, the use of high-quality materials and precision manufacturing processes results in reliable components that can withstand the rigors of daily use and maintain stable performance over time.

3. EMI/RFI Protection:

The manufacturer's production of RF shields is another key advantage. RF shields are designed to protect electronic devices from electromagnetic interference (EMI) and radio frequency interference (RFI), ensuring stable and reliable operation. By utilizing high-quality materials and precision manufacturing processes, the manufacturer can produce RF shields that effectively block unwanted signals, providing a critical layer of protection for electronic equipment. This can be particularly important in industries where the reliability and performance of electronic devices are critical, such as aerospace, medical, and defense.

Techniques Available

• SLA

• SLS

• MJF

• SLM



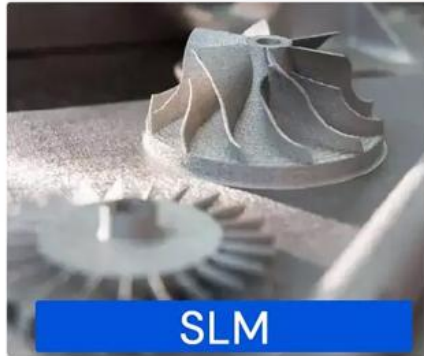
SLA



SLS



MJF



SLM

FAQ

Q1: Where can I get product & price information?

A1: Send us inquiry e-mail, we will contact you as we receive your mail.

Q2: How long can I get the sample?

A2: Depends on your specific items, within 3-7 days is required generally.

Q3: What kinds of information you need for quote?

A3: Kindly please provide the product drawing in PDF, and will be better you can provide in STEP or IGS.

Q4: What are the payment terms?

A4: We accept 50% as payment deposit, when the goods is done, we take photos for your check and you then pay the balance.

Q5: Are you a trading company or factory?

A5: We are direct factory with 10 experienced engineers and more than 650 employees as well approximate 2,000 square ft. workshop area.

Q6: What shall we do if we do not have drawings?

A6: Please send your sample to our factory, then we can copy or provide you better solutions. Please send us pictures or drafts with dimensions (Length, Height, Width), CAD or 3D file will be made for you if placed order.



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