



Customized PCB RF Shielding Solutions Metal Stamping Optimal EMI RFI Shielding Manufacturer

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Xianheng
- Certification: ISO 9001:2015 SGS RoHS
- Model Number: RF-XG-30
- 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



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Product Description

What We Can Provide

Customized PCB RF Shielding Solutions Metal Stamping Optimal EMI RFI Shielding Manufacturer

Description Of Customized PCB RF Shielding Solutions Metal Stamping Optimal EMI RFI Shielding Manufacturer

Customized PCB RF Shielding Solutions involve the design and manufacture of specialized electromagnetic interference (EMI) and radio frequency interference (RFI) shielding products tailored to protect printed circuit boards (PCBs) from external radio frequency signals. These solutions are essential in maintaining the performance and reliability of electronic devices in environments where radio frequencies are prevalent.

Consultation and Design: The manufacturer begins by consulting with the customer to understand their specific needs, including the frequency range, shielding effectiveness, physical dimensions, and any other unique requirements. Based on this information, they design a PCB RF shield that meets the specified requirements.

Manufacturing Capabilities: The manufacturer utilizes advanced metal stamping equipment and techniques to produce the PCB RF shields in bulk. They have the capability to handle various materials and can produce shields with complex shapes and precise dimensions.

Testing and Quality Control: After manufacturing, the shields undergo rigorous testing to ensure that they meet the required shielding effectiveness standards. The manufacturer typically has a quality control system in place to monitor and improve the manufacturing process.

Material Of Customized PCB RF Shielding Solutions Metal Stamping Optimal EMI RFI Shielding 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
	Steel	12L14 4140 1018 1045 12L14 4130 4142 ,O1 tool 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

Customized PCB RF Shielding Solutions Metal Stamping Optimal EMI RFI Shielding Manufacturer

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

Features Of High Quality RF Shield

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

Why Choose Us

Advantages

1. Quality control: the defective products rate is 0.1%. Imported material 100%.
2. Reasonable price. Precision made. Experience & reasonable QC that you can rely on.
3. Each part would be given 100% test and tryout before shipment.
4. Adequate supply capacity. Punctual delivery time.

Techniques Available

• SLA • SLS • MJF • SLM



SLA



SLS



MJF



SLM

FAQ

Q: How can I customize my products ?

A: Please describe your project. Include the following information so that we can provide an accurate quote: Part Name, 3D CAD Drawing, Quantity, Material, Color, Finishing.

Q: How can I know my products going on ?

A: We will offer a detailed production schedule and send weekly reports with digital pictures and videos which show the production process.

Q: Can You sign a confidentiality greement ?

A: We can sign a confidentiality agreement according to your needs.

Q: What is your terms of payment ?

A: 30% in advance ,70% balance before shipment. Other terms negotiable.

Q: Are you a trading company or factory?

A: We are direct factory with 20 experienced engineers and more than 80 employees as well approximate 3,000 square meters workshop area.

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

A: 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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