

	浙江百事宝电器股份有限公司 Zhejiang BSB Electrical Appliance Co.,Ltd			
	产品名称 Product Name	A 系列(A 型)铜排连接器 A Series (Type A) Copper Bar Connector		
	版本 Version	C	日期 Date	20231025

## A 系列(A 型)规格书

### A Series (Type A) Specification

#### 目录 Catalogue

1. 产品型号 (Product type)
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1	2022/05/04	初版 First edition	李斌	
2	2023/09/02	新增 90° 型号 Added 90° models	黄宇	
3	2023/10/25	更新扭力要求 Update torque requirements	周冬冬	

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<b>BSB</b>	浙江百事宝电器股份有限公司 Zhejiang BSB Electrical Appliance Co.,Ltd		
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### 1、产品型号 Product P/N

序号	产品型号 ("+" 橙色) P/N ("+" Orange)	产品型号 ("- " 黑色) P/N ("- " Black)	备注 Note
1	B-A-200F-M06-N	B-A-200F-M06-A	
2	B-A-200F-M06-N-90	B-A-200F-M06-A-90	90° 铜排

标记 Tag 2



序号 1

序号 2

### 2. 技术参数说明 Technical Data

#### 2.1 环境特性 Environmental Characteristics

技术参数 Technical parameters	性能指标 Performance indicators	备注 Note
工作温度 Operating temperature	-40℃~125℃	
使用相对湿度 Relative humidity	25℃时, 5%~95%	
存储温度 Storage temperature	-5℃~30℃	
耐盐雾 Salt spray resistance	48h	
防护等级 Level of protection	IP54	

#### 2.2 电气特性 Electrical characteristics

技术参数 Technical parameters	性能指标 Performance indicators	备注 Note
额定电压 Rated voltage	1500V/DC	
额定电流 Rated current	250A MAX	
介电强度 Dielectric strength	5000V AC (50Hz, 有效值) 耐压 1min, 无击穿、闪络或飞弧现象, 漏电流≤5mA; 5000V AC (50Hz, effective value) withstand voltage 1 min, No breakdown, flashover or flash, leakage current≤5mA;	
绝缘电阻 Insulation resistance	测试电压 1500V DC, 正常条件≥5000MΩ, 湿热状态≥20MΩ Testing voltage 1500VDC, under normal condition≥5000MΩ, under wet and hot condition≥20MΩ	

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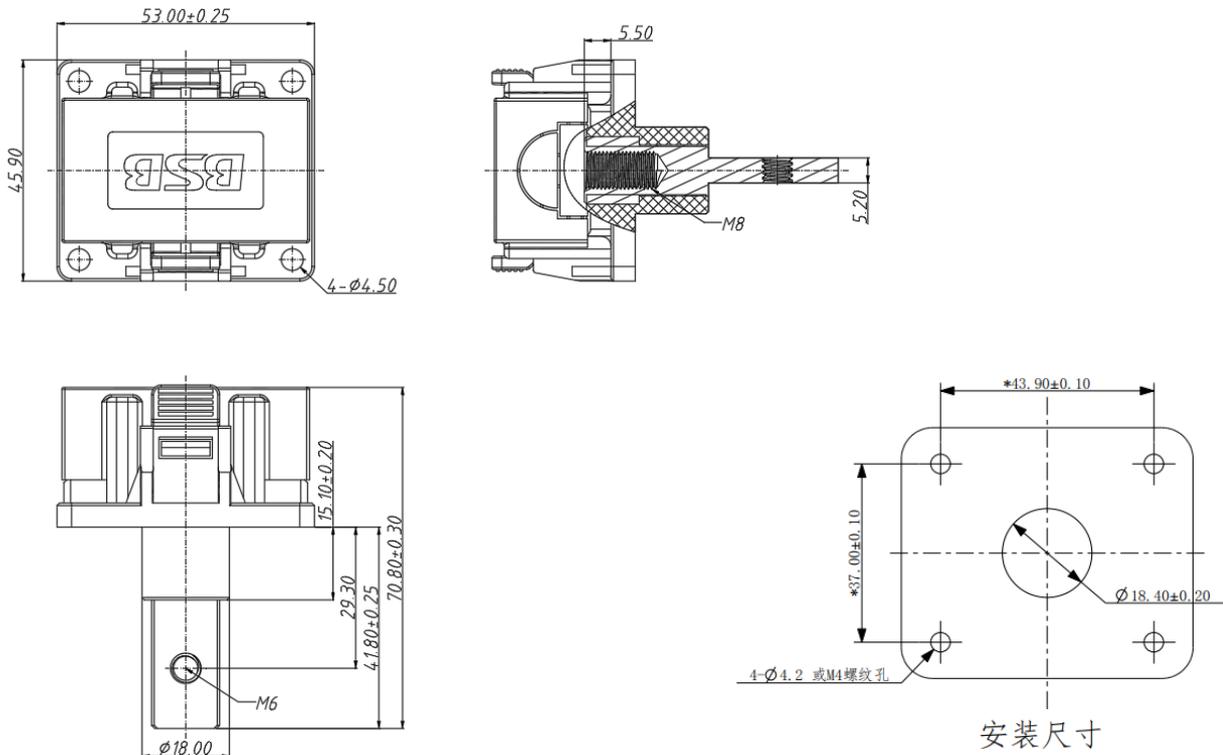
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### 2.3 机械特性 Mechanical characteristics

技术参数 Technical parameters	性能指标 Performance indicators	备注 Note
振动要求 Vibration requirement	每个轴向的试验持续 8h, 加速度方根(r.m.s)值为 27.8m/s <sup>2</sup> ; 每个方向上振动试验 8h The test lasted for 8h in each axial direction, and the root acceleration (r.m.s) value was 27.8m/s <sup>2</sup> . Vibration test 8h in each direction	
冲击要求 Shock requirement	加速度 500m/S <sup>2</sup> , 脉冲持续时间:6ms, 波形: 半正弦波, 每个试验方向 10 次 Acceleration 500m/S <sup>2</sup> , pulse duration :6ms, waveform: half sine wave, 10 times in each test direction	
键位防错 Key error avoid	(黑色/橙色) (Black/Orange)	

### 3、产品外形尺寸 Product appearance and Overall dimensions

A 系列铜排储能连接器尺寸 A Series (Type A) Copper Bar Connector (B-A-200F-M06-N/B-A-200F-M06-A)



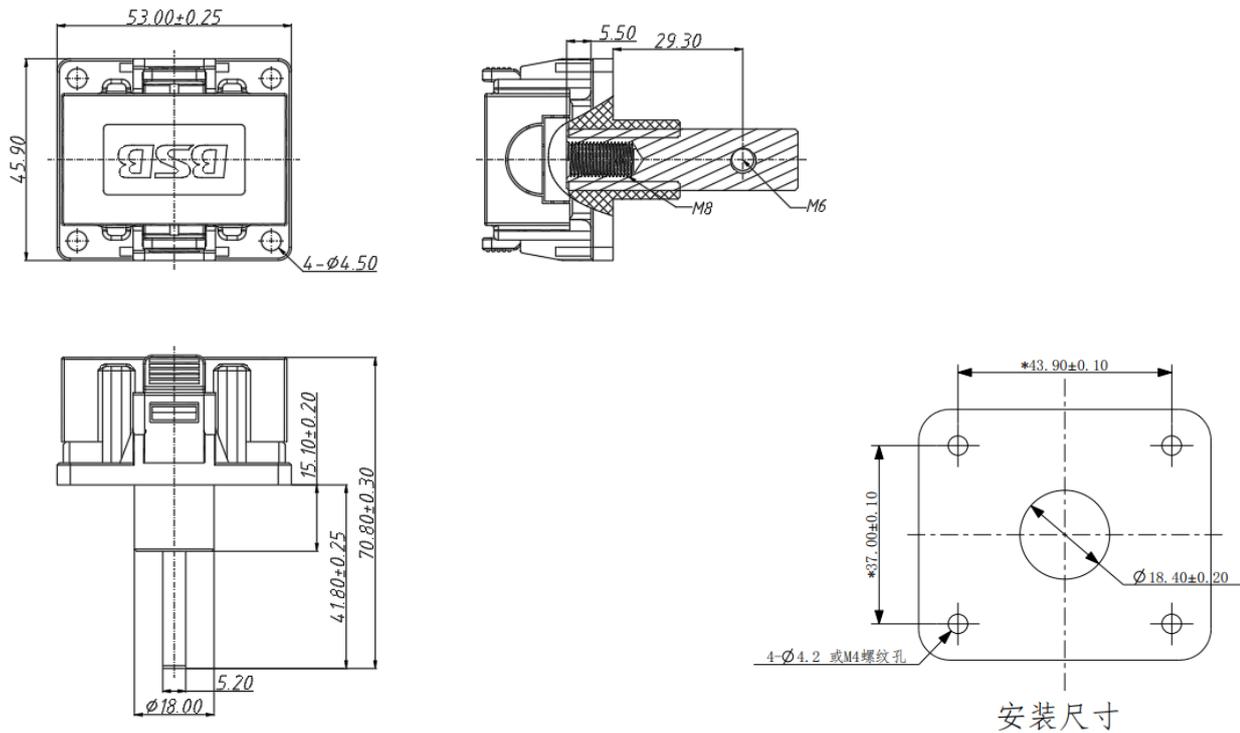
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#### A 系列铜排储能连接器(90° )尺寸 Product appearance and Overall dimensions (90° )

(B-A-200F-M06-N-90/B-A-200F-M06-A-90)



#### 4、产品使用注意事项 Product use precautions

##### 4.1 螺纹扭力推荐 Thread torque recommended

螺纹规格 Thread specification	扭力 (N.M) Torque (N.M)	标记 Tag 3	备注 Note
M4	1.0~1.5N.M		
M6	2.9~3.5N.M		
M8	7.0~8.0N.M		

##### 4.2 储存要求 Storage Requirements

1.请不要将产品包装箱过多的堆叠放置，防止外包装损坏

1.Do not place product packing cases too many times to prevent damage to the outer packing

2.存放环境温度控制在-5℃~30℃，相对湿度控制在 60%以下

2.Keep the ambient temperature between -5 ° C and 30 ° C and the relative humidity below 60%;

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3.产品储存期限：1 年，超过储存期限需对连接器复检，测试相关性能是否合格

3.Product storage period: 1 year, beyond the storage period, the connector needs to be reinspected to test whether the relevant performance is qualified;

4.请勿将产品放在化学物品附近，防止其对产品造成腐蚀

4.Do not place the product near chemicals to prevent corrosion of the product

## 5 质量保证 Quality guarantee

### 1、研发团队 R&D Team

百事宝电器是专业连接器和用高压直流接触器的厂家，公司汇聚了一批行业资深技术人员，专注为客户提供优质的产品和解决方案，团队积累了丰富的开发经验，并与温州大学、河北工业大学、上海电器科学研究所等单位进行产学研合作，产品满足 TUV、UL、CSA 等国内外认证要求。

BSB Electrical is a professional Energy storage connector and high-voltage DC contactor manufacturers, the company gathered a group of industry senior technical personnel, focus on providing customers with high-quality products and solutions, the team has accumulated rich experience in development, and with Wenzhou University, Hebei University of Technology, Shanghai Electrical Science Research Institute and other units for industry-university research cooperation.

### 2、设备能力 Capacity of equipment

实验室占地约 700 平方米，有各类试验设备 80 多台，可实现电气寿命试验，雷击试验、振动试验，高低温冲击试验、高低温特性试验、温升试验、盐雾试验、电镀层成分试验、硬度试验、环保测试等。

The laboratory covers an area of about 700 square meters, with more than 80 sets of various types of test equipment, which can realize electrical life test, lightning strike test, vibration test, high and low temperature impact test, high and low temperature characteristic test, temperature rise test, salt spray test, electroplating composition test, hardness test, environmental protection test.

### 3、生产管控 Produce control

公司拥有生产厂房 60000 平方米，建立了完整的供应链体系，拥用行业先进的生产线及数字化管控车间，公司通过了 9001 及 16949 质量管理体系、铁路系统及武器装备体系认证，确保成品从设计到成品全过程管控，确保每件产品质量的可靠性。

The company has a production plant of 60,000 square meters, the establishment of a complete supply chain system, with the industry's advanced production line and numerical control wop, the company has passed the 9001 and 16949 quality management system, railway system and weapons and equipment system certification, to ensure the control of the whole process of finished products from design to finished products, to ensure the reliability of each product quality.

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#### 4、售后服务 After-sale service

我们承诺为顾客提供优质的方案和高效的服务，建立 48 小时内快速响应机制，我们秉承“连接才是硬道理”的质量宗旨，为顾客提供在售前、售中、售后各类的技术服务。

We promise to provide customers with high-quality solutions and efficient services, establish a rapid response mechanism within 48 hours, we uphold the "connection is the hard truth" quality purpose, to provide customers with pre-sale, sale, after-sales technical services of all kinds.

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