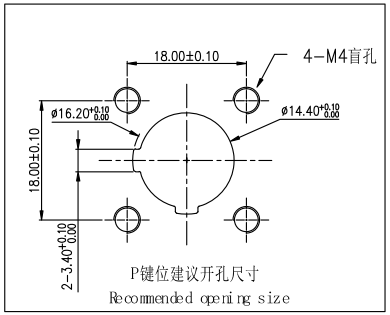
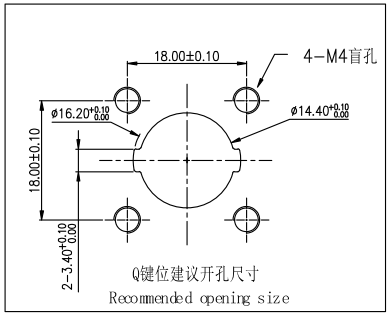
发行版本 Revision	修 改 内 容 Description	制 图 Drawing	日 期 Date
R1.0	First release	Xiong	2024.06.17



P键位建议开孔尺寸
Recommended opening size



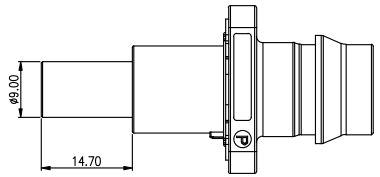
Q键位建议开孔尺寸
Recommended opening size

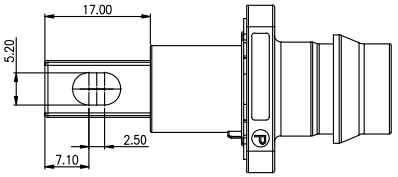
NOTE:

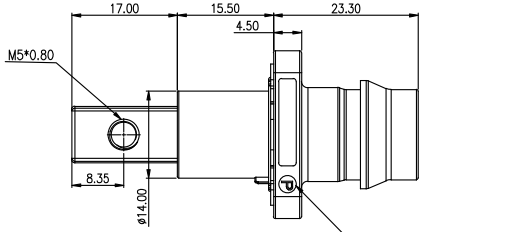
1. 外观表面无划痕、划伤、污渍，异物等缺陷
   No scratches, scratches, stains, foreign matter and other defects on the appearance surface
2. 产品功能说明参考TABLE 1
   Product Function Description Reference TABLE 1
3. 产品使用PE袋+纸箱包装
   Products are packaged in PE bags + cartons
4. 产品符合ROHS
   Products conform to ROHS
5. M4组合螺丝锁紧面板扭矩为0.90~1.1N.M
   Torque of M4 combination screw locking panel is 0.9~1.1N.M
6. 要求使用带"瞬间制动"（达到设定扭力后即停止，并发出嗒嗒声）电批锁螺丝,不可使用无"瞬间制动"电批，若无符合上述要求之电批，可使用扭力扳手
   We should use the electric screwdriver with "instant brake" (stop immediately after reaching setting torque and make a click) to lock screw , and the screwdriver without "instant brake" cannot be used.if there is no screwdriver with "instant brake",can use Torque spanner

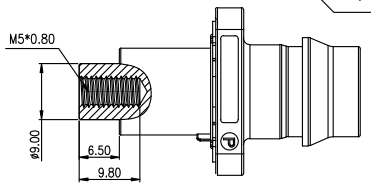
TABLE 1:

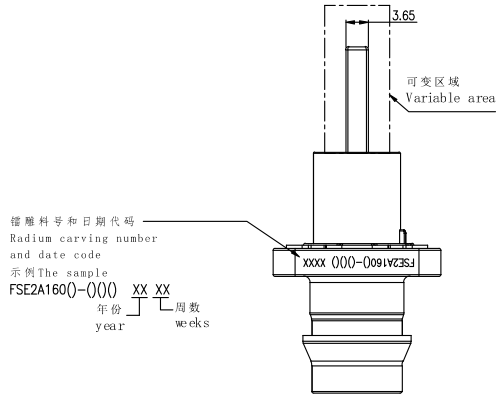
项目 items	规格 SPEC
额定电流 rated current	100A/125A
接线规格 Wiring specifications	16mm²;6AWG/ 25mm²;4AWG
工作电压 Operating voltage	DC1000V
工作温度 Operating temperature	−40°C~+125°C
温升 Temperature rise	MAX 45K
耐电压 breakdown voltage	UL 4250V AC /TUV 4260V AC
绝缘电阻 Insulation resistance	5000MΩ MIN(干燥 drying) 200MΩ MIN(RH 95%)
接触电阻 Contact resistance	0.3 mΩ max
寿命 Durability life	500次 500cycling
盐雾 salt fog	144H（配合状态下 Matching state）
防护等级 Protection Level	IP67B
端子材质 Terminal material	铜合金 Copper alloy
防火等级 Fire rating	UL94-V0
M5扭矩 M5 torque	安装扭矩(locking torque)4.0~4.5N.M

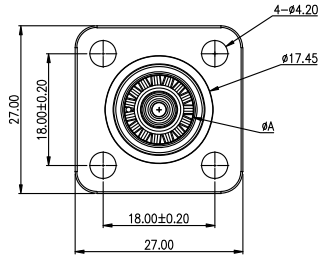










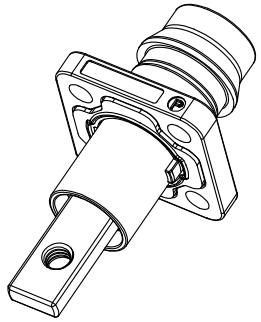


键位/Key(øA)	ø11.21	P键位/P-Key
	ø12.21	Q键位/Q-Key

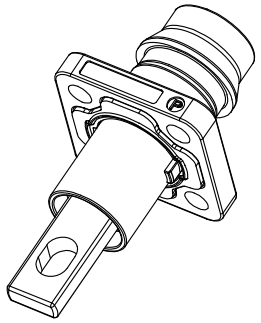
客户料号 Cus'P/N		图 号 Drawing No	RHT-711-0032	品 名 Name	6.0单芯连接器插座(IP67B) 6.0 Single-Core Connector Socket (IP67B)		
未注公差 Unless Otherwise Specified		单 位 Unit	mm	版 本 Revision	R1.0	图纸确认 APPROVAL	日期 Date
线性 Linear	0.5~6 ±0.2	比 例 Scale	—			绘 图 Drawing / Xiong	2024.06.17
	>6~30 ±0.3					审 核 Checked / Jason	2024.06.17
	>30 ±2%	页 码 Page	1 / 2	Third Angle Projection		客户确认 Customer Approved	
角度Angles	±3°						

发行版本 Revision	修 改 内 容 Description	制 图 Drawing	日 期 Date
R1.0	First release	Xiong	2024.06.17

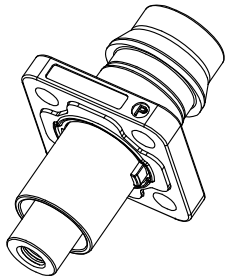
料号P/N	键位 Key	颜色Color	电极Electrode	备注Remarks
FSE2A160P-M5A	P键位 Key-P	橙色 Orange	正极Positive	铜排M5螺纹孔 Copper row M5 threaded hole
FSE2A160Q-M5B	Q键位 Key-Q	黑色 Black	负极Negative	
FSE2A160P-A5A	P键位 Key-P	橙色 Orange	正极Positive	铜排M5腰型孔 Copper row M5 waist hole
FSE2A160Q-A5B	Q键位 Key-Q	黑色 Black	负极Negative	
FSE2A160P-N5A	P键位 Key-P	橙色 Orange	正极Positive	M5内螺纹孔 M5 internal threaded hole
FSE2A160Q-N5B	Q键位 Key-Q	黑色 Black	负极Negative	
FSE2A160P-25A	P键位 Key-P	橙色 Orange	正极Positive	25mm²压接孔 25mm² Pore pressure
FSE2A160Q-25B	Q键位 Key-Q	黑色 Black	负极Negative	
FSE2A160P-16A	P键位 Key-P	橙色 Orange	正极Positive	16mm²压接孔 16mm² Pore pressure
FSE2A160Q-16B	Q键位 Key-Q	黑色 Black	负极Negative	



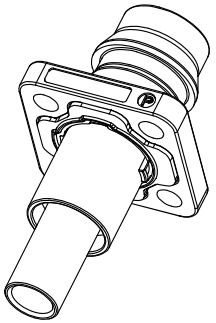
铜排M5螺纹孔
Copper row M5 threaded hole



铜排M5腰型孔
Copper row M5 waist hole



M5内螺纹孔
M5 internal threaded hole



16-25mm²(6-4AWG)压接孔
16-25mm² (6-4AWG) Pore pressure

编码原则
Model selection description

FSE 2A 1 60 ()-()() ()

- 产品代码 Product code
- 2A:插座有凸台防呆键位 The socket has a foolproof key position
- 端子数量为1PCS The number of terminals is 1PCS
- 插针端子直径为6.0mm The diameter of the pin terminal is 6.0mm
- 键位识别号：P,Q Key identification number:P,Q
- 25: 25mm²; 4AWG 压接孔 25mm²; 4AWG Pore pressure
- 16: 16mm²; 6AWG 压接孔 16mm²; 6AWG Pore pressure
- N5:M5内螺纹孔 M5 internal threaded hole
- A5:铜排M5腰型过孔 Copper bar M5 waist through hole
- M5:铜排M5螺纹孔 Copper row M5 threaded hole
- A:橙色 Orange
- B:黑色 Black

客户料号 Cus'P/N		图 号 Drawing No	RHT-711-0032	品 名 Name	6.0单芯连接器插座(IP67B) 6.0 Single-Core Connector Socket (IP67B)		
未注公差 Unless Otherwise Specified		单 位 Unit	mm	版 本 Revision	R1.0	图纸确认 APPROVAL	日期 Date
线性 Linear	0.5~6 ±0.2	比 例 Scale	—			绘 图 Drawing: Xiong	2024.06.17
	>6~30 ±0.3					审 核 Checked: Jason	2024.06.17
	>30 ±2%	页 码 Page	2 / 2	Third Angle Projection		客户确认 Customer Approved	
角度Angles	±3°						