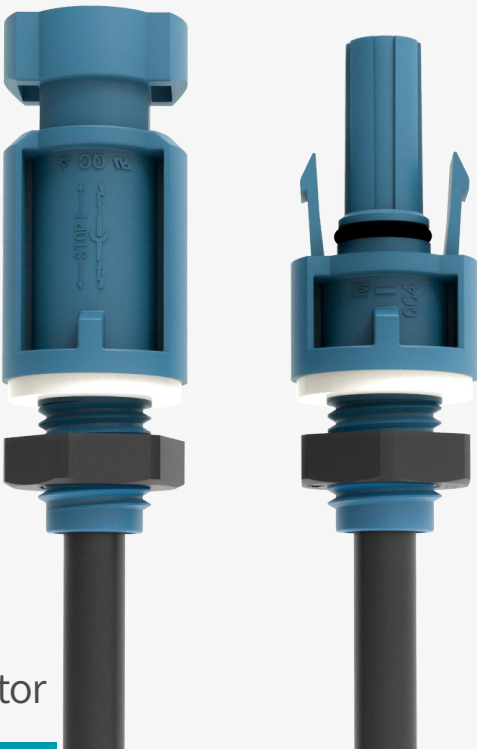


# 产品规格书

## Product Specification



QC4.3 防呆款连接器

QC4.3 foolproof Connector

| 承认签章<br>(Confirmation)          |                  |                   |                                 |                          |                             |
|---------------------------------|------------------|-------------------|---------------------------------|--------------------------|-----------------------------|
| 快可承认<br>(QC Solar confirmation) |                  |                   | 客户承认<br>(Customer confirmation) |                          |                             |
| 批准<br>Approved by               | 审核<br>Audited by | 设计<br>Designed by | 采购<br>Purchased by              | 品保<br>Quality Assured by | 技术<br>Technical verified by |
|                                 |                  |                   |                                 |                          |                             |

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## 1. 产品外观及设计性能参数 / Product appearance and technical parameters



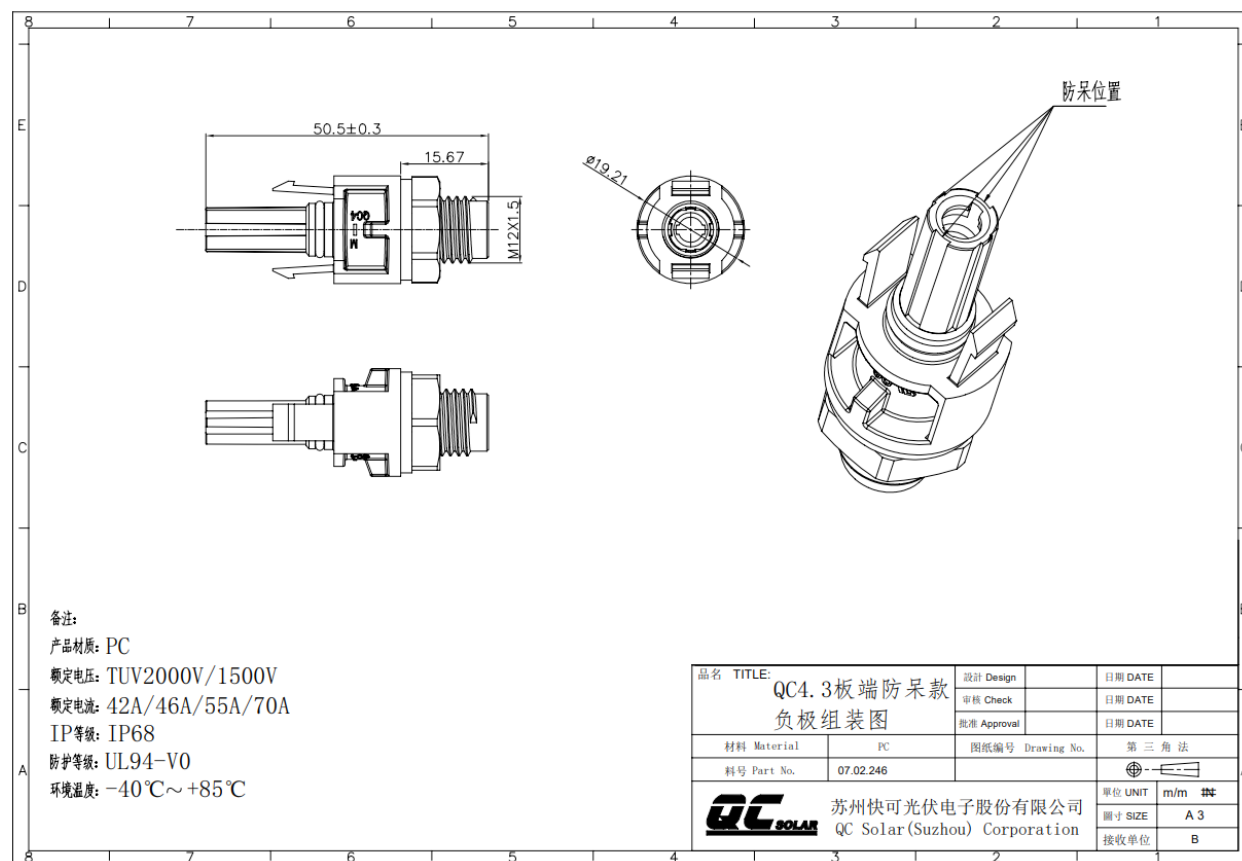
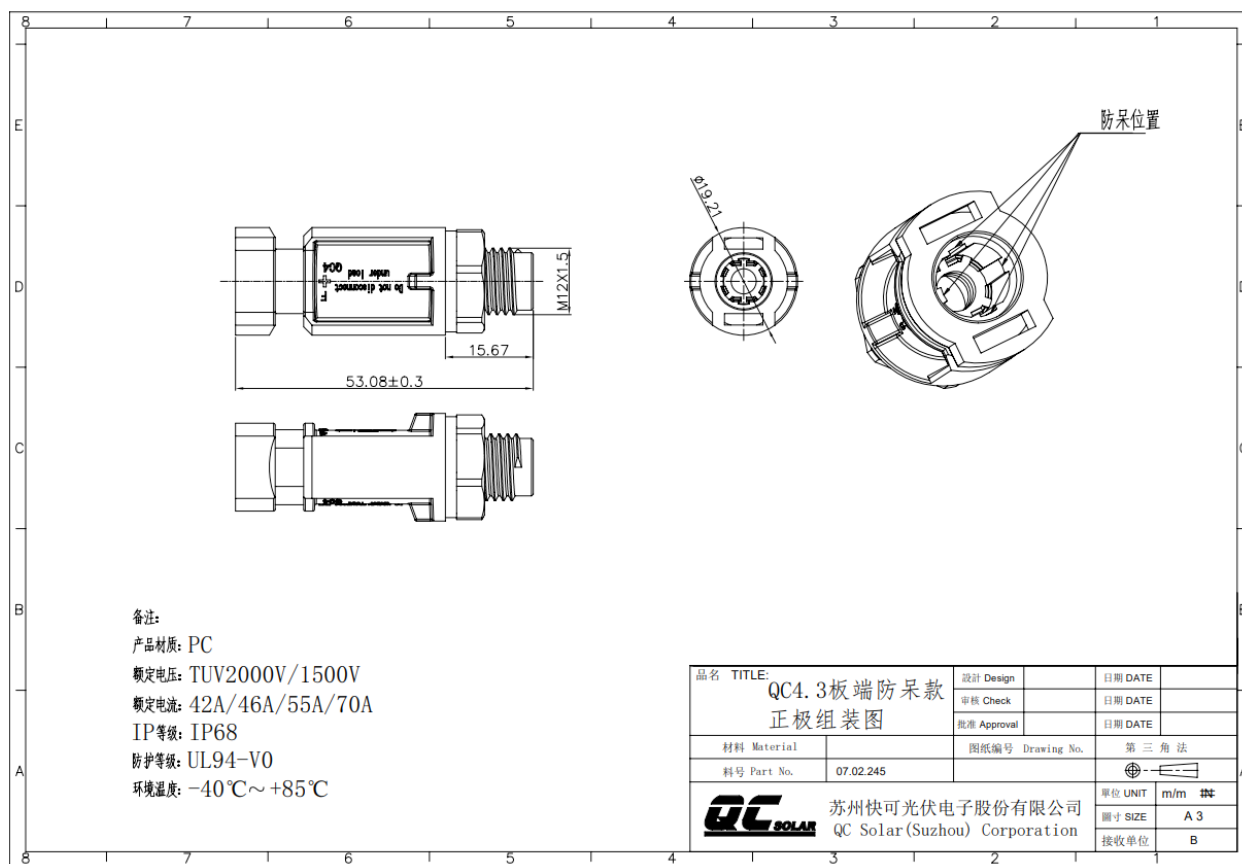
### 技术参数 Product Specifications

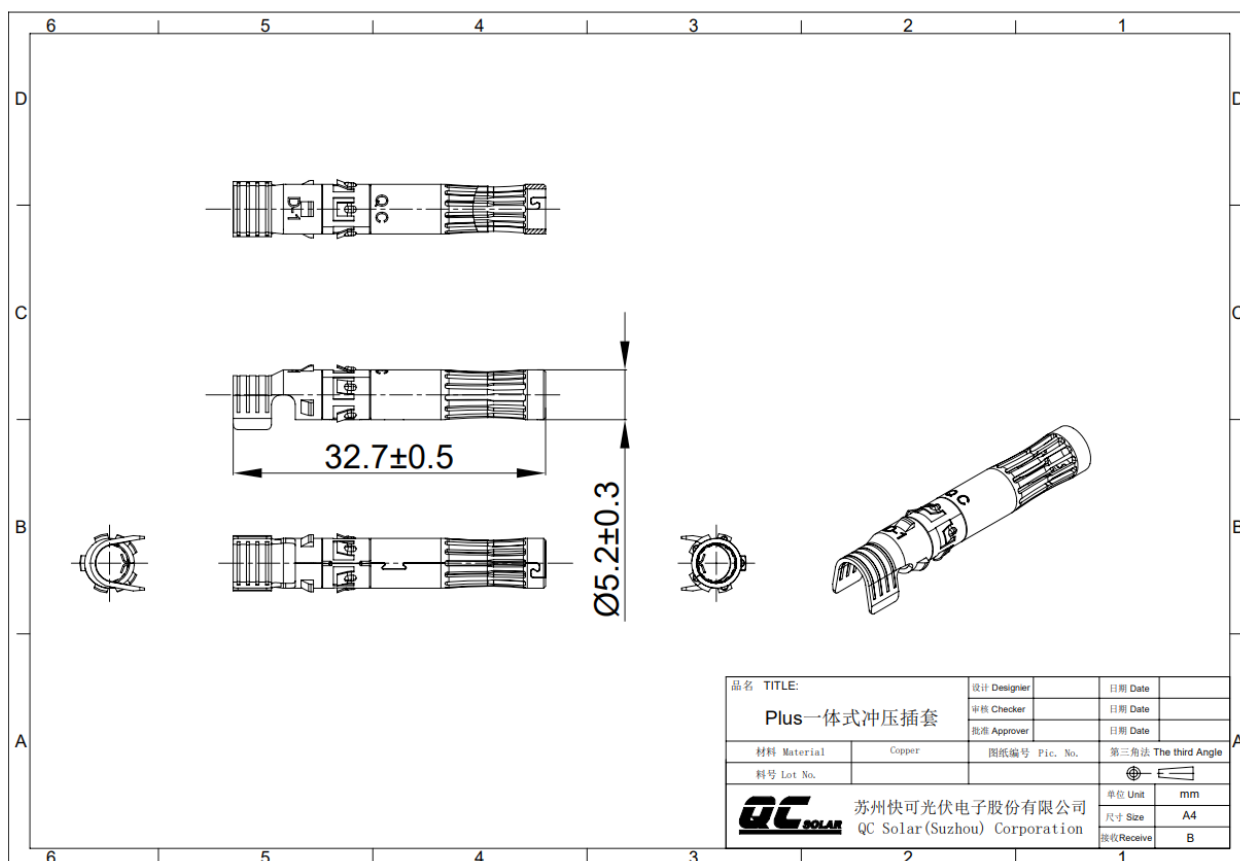
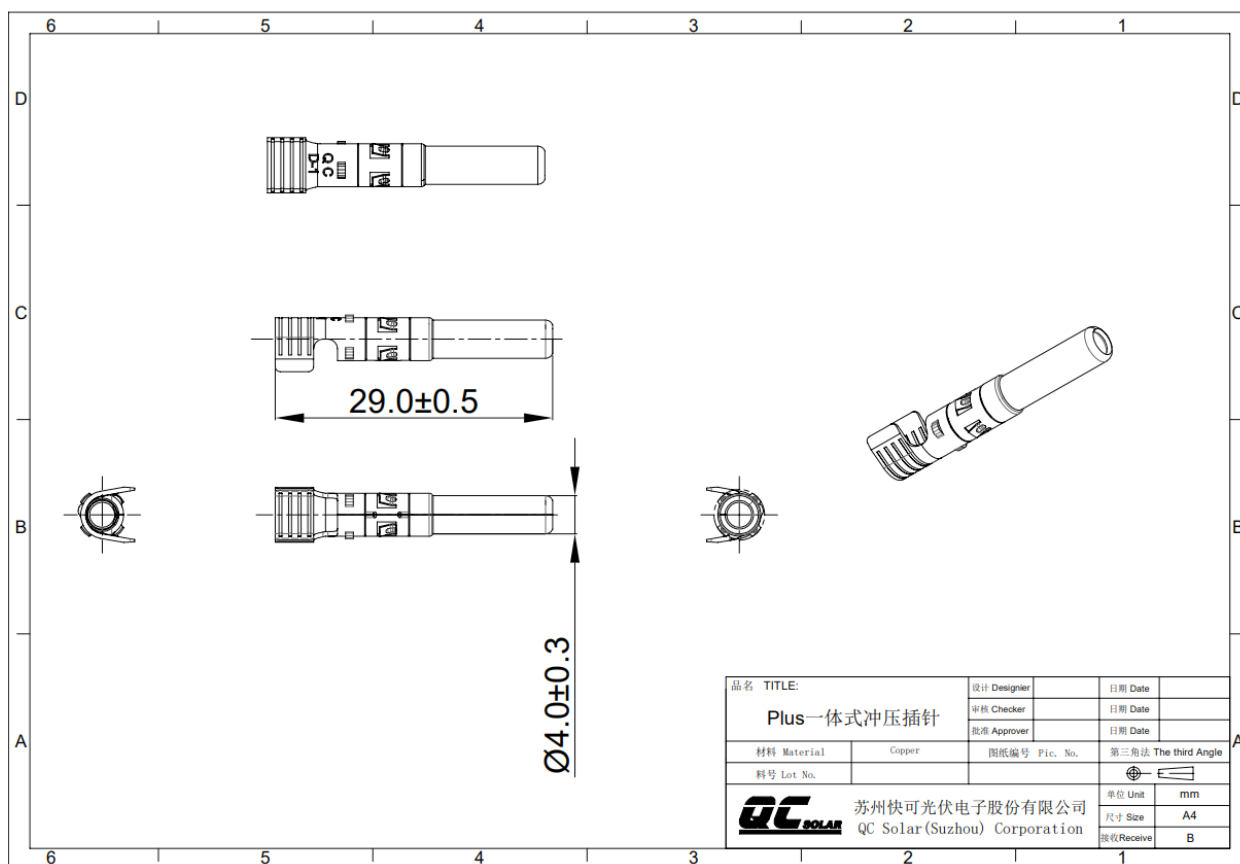
|                                 |                                                                                                                       |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 认证<br>Certificate               | TUV                                                                                                                   |
| 名称<br>Product Name              | QC4.3 防呆款连接器<br>QC4.3 foolproof Connector                                                                             |
| 认证型号<br>Certified Model         | QC4.3 abs                                                                                                             |
| 额定电压<br>Rated Voltage           | TUV2000V/1500V                                                                                                        |
| 额定电流<br>Rated Current           | 42A for 2.5mm <sup>2</sup><br>46A for 4.0mm <sup>2</sup><br>55A for 6.0mm <sup>2</sup><br>70A for 10.0mm <sup>2</sup> |
| 线缆规格<br>Cable Specification     | OD 4.7~8.5mm,<br>2.5mm <sup>2</sup> , 4.0mm <sup>2</sup> , 6.0mm <sup>2</sup> , 10.0mm <sup>2</sup>                   |
| 防护等级<br>IP degree               | IP65/IP68(1m,1h)                                                                                                      |
| 安全等级<br>Protection Class        | Class II                                                                                                              |
| 接触电阻<br>Resistance of Connector | Max 0.2mΩ                                                                                                             |
| 防火等级<br>Flammability Class      | UL94 V-0                                                                                                              |
| 温度范围<br>Temperature Range       | -40°C~ +85°C                                                                                                          |
| Caution                         | N/A                                                                                                                   |

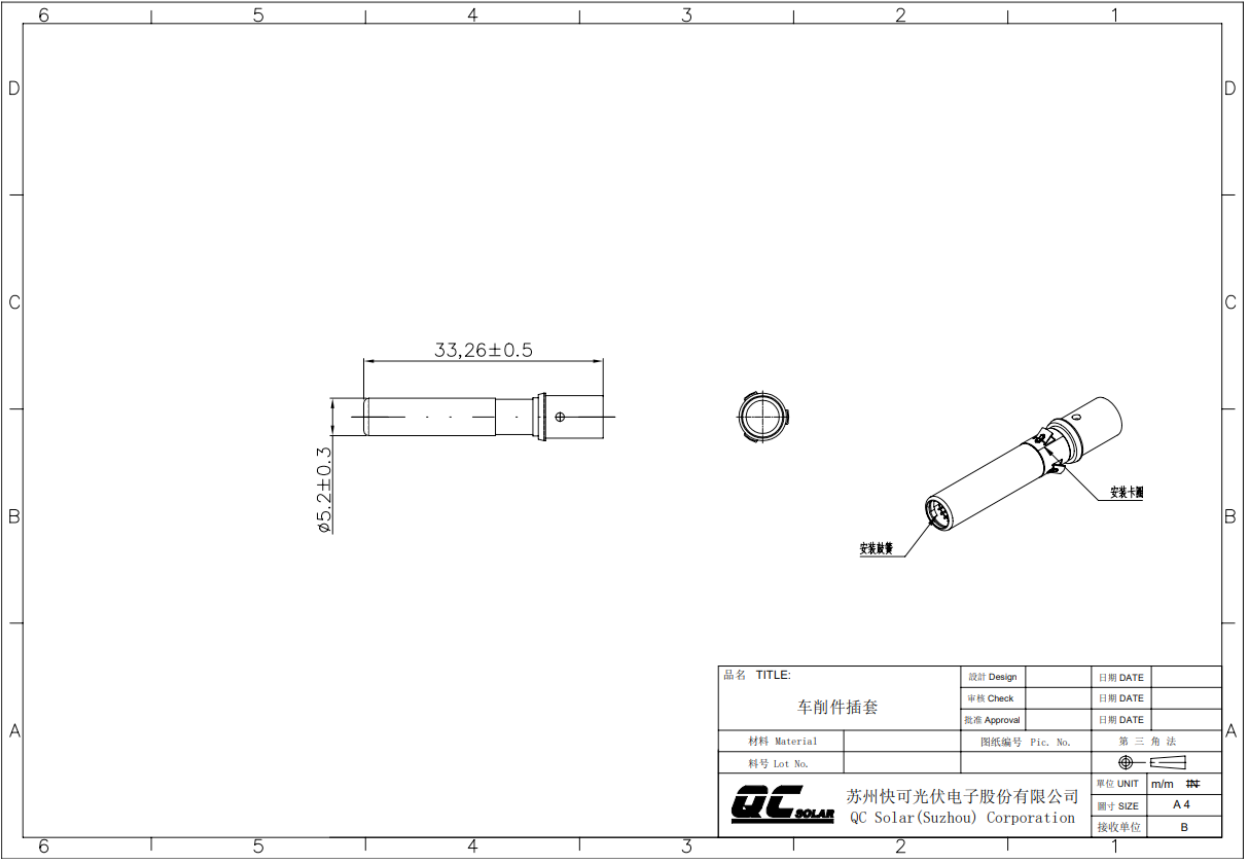
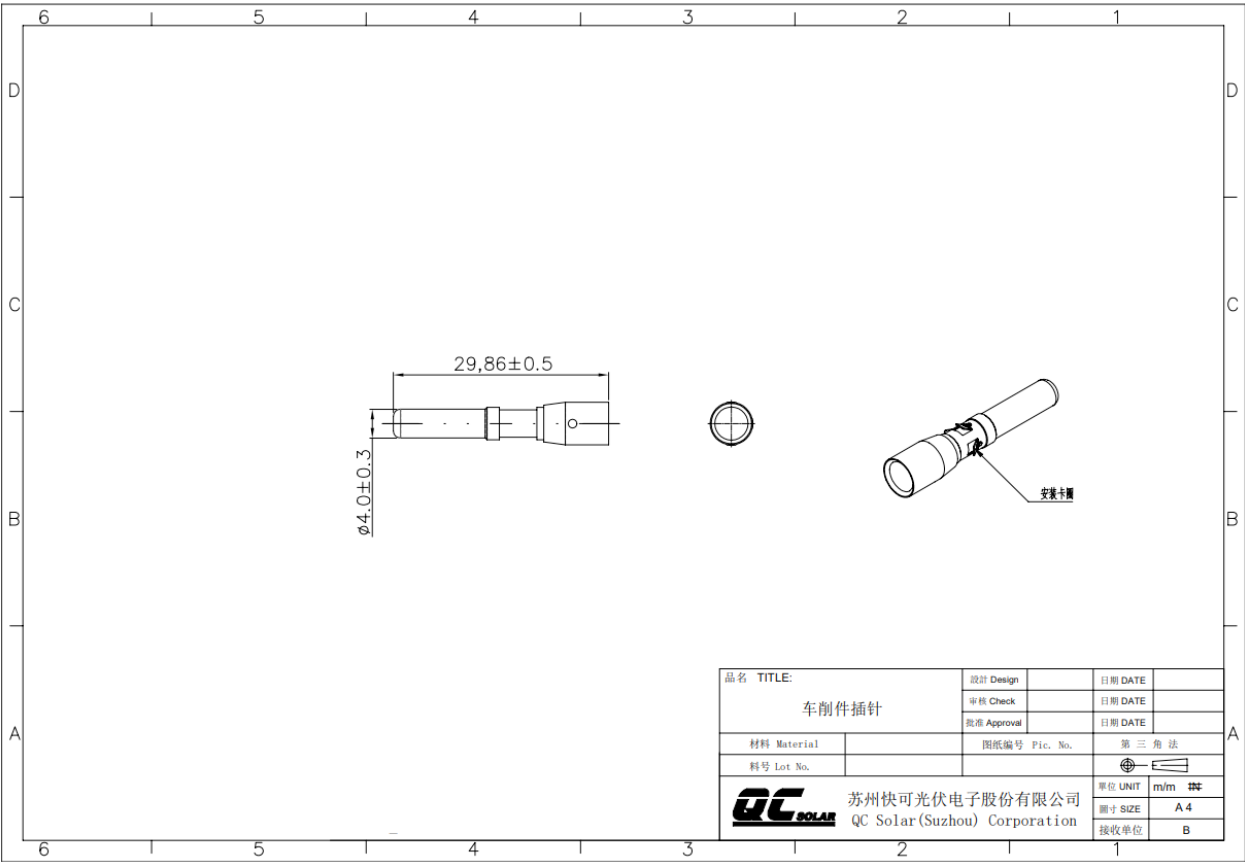
## 2. 连接器BOM清单 / Connector BOM List

| 苏州快可光伏电子股份有限公司<br>QC Solar (Suzhou) Corporation            |                                 |                           |                      |                      |               |
|------------------------------------------------------------|---------------------------------|---------------------------|----------------------|----------------------|---------------|
| 产品名称<br>Product Name                                       | 防呆连接器<br>Foolproof Connector    | 材料清单<br>Bill Of Materials |                      | 版 本<br>Version       | A/0           |
| 产品型号<br>Type                                               | QC4.3                           |                           |                      | 张 数<br>Page          | 1             |
| 客 户<br>Customer                                            | /                               |                           |                      | 发行日期<br>Version Date | 2023.03.28    |
| 序 号<br>No.                                                 | 名 称<br>Name                     | 材 质<br>Material           | 生产厂商<br>Manufacturer | 数 量<br>Quantity      | 备 注<br>Remark |
| 1                                                          | QC4.3 正极<br>Positive            | PC                        | QC Solar             | 1 pcs                | 蓝色<br>Blue    |
| 2                                                          | QC4.3 负极<br>Negative            | PC                        | QC Solar             | 1 pcs                | 蓝色<br>Blue    |
| 3                                                          | QC4.3 塑料螺母<br>Plastic Nut       | 尼龙<br>Nylon               | QC Solar             | 2 pcs                |               |
| 4                                                          | PLUS 一体式插针<br>or 车削插针<br>Pin    | 铜镀锡<br>Tinned Copper      | QC Solar             | 1pcs                 |               |
| 5                                                          | PLUS 一体式插套<br>or 车削插套<br>Socket | 铜镀锡<br>Tinned Copper      | QC Solar             | 1 pcs                |               |
| 6                                                          | O 型密封圈<br>O-Ring                | 硅胶<br>Silicone            | QC Solar             | 1 pcs                |               |
| 7                                                          | 密封垫<br>Seal                     | 硅胶<br>Silicone            | QC Solar             | 2 pcs                |               |
|                                                            |                                 |                           |                      |                      |               |
|                                                            |                                 |                           |                      |                      |               |
| 以上原料符合欧盟 ROHS 要求<br>Above materials matched the ROHS rules |                                 |                           |                      |                      |               |
| 制 表：<br>Written By:                                        |                                 | 审 核：<br>Checked by:       |                      | 批 准：<br>Approved By: |               |

## 3. 连接器图纸 / Drawing of connector







## 4.连接器证书 / Certificates of connector





# 快速可靠, 成就客户!

Quick and reliable, QC Solar devotes to satisfying customers.



苏州快可光伏电子股份有限公司  
QC Solar (Suzhou) Corporation

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