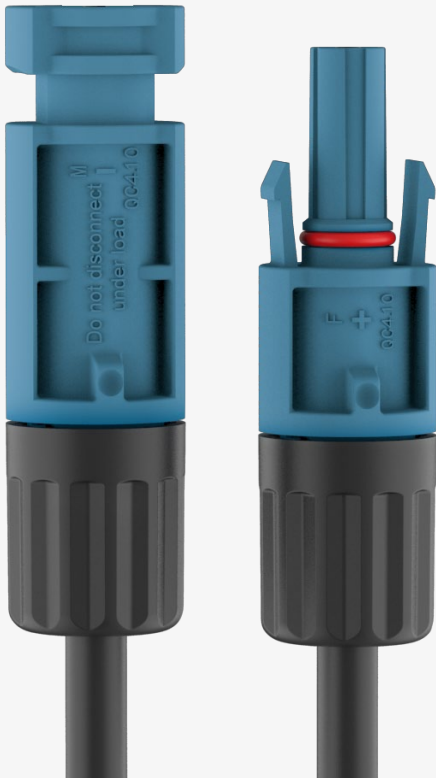


产品规格书

Product Specification

QC4.10-plus 一体式防呆款
QC4.10-plus one piece pin
foolproof Connector



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

目录

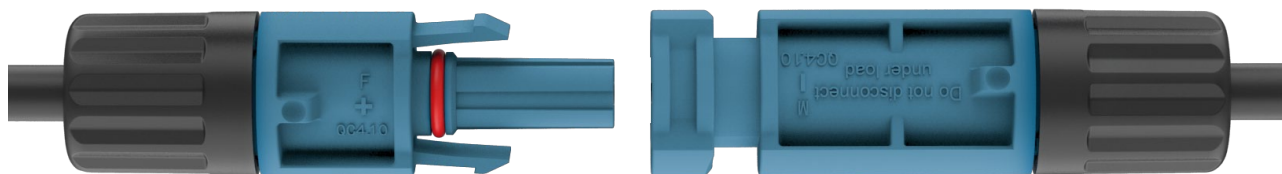
01/ 产品外观及设计性能参数 / Product appearance and technical parameters 01

02/ 连接器 BOM 清单 / Connector BOM List 02

03/ 连接器图纸 / Drawing of connector 03

04/ 连接器 TUV 证书 / TUV Certificate 07

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



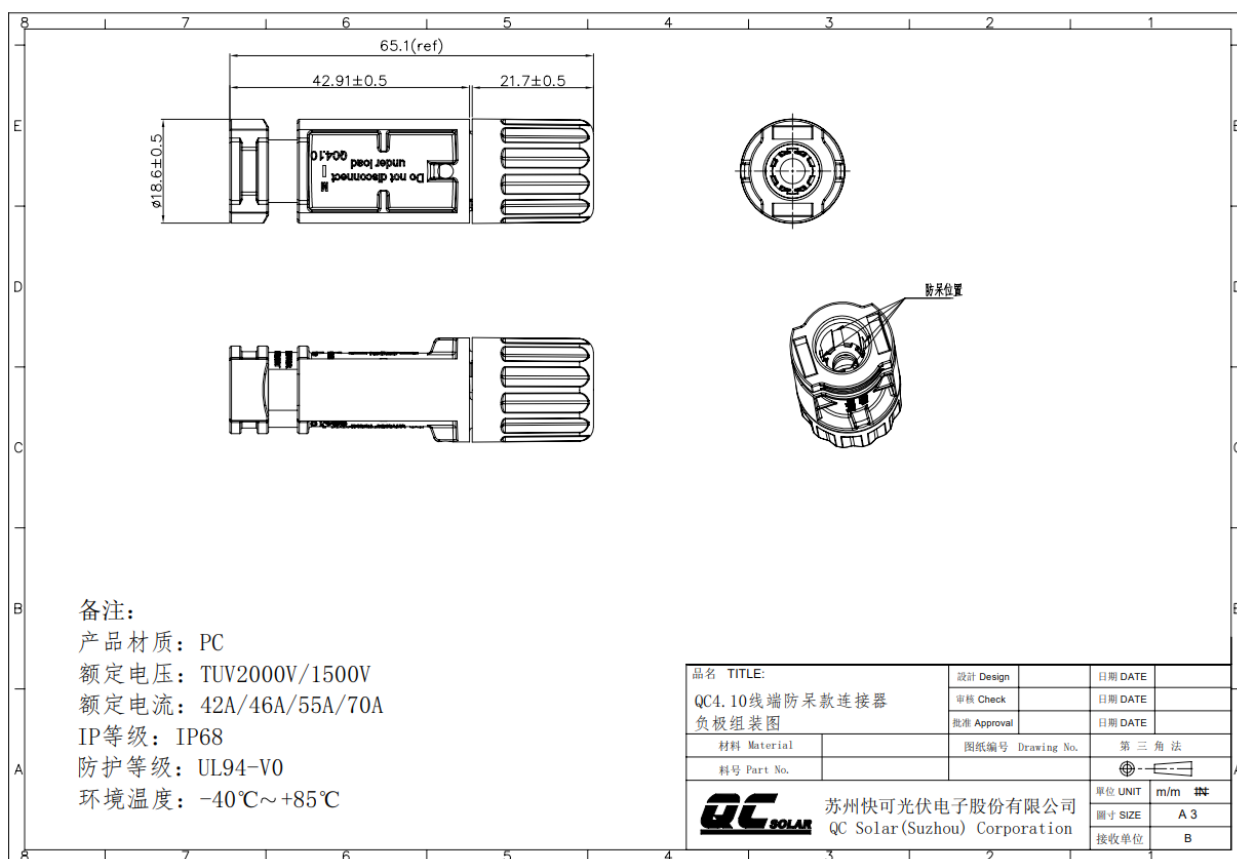
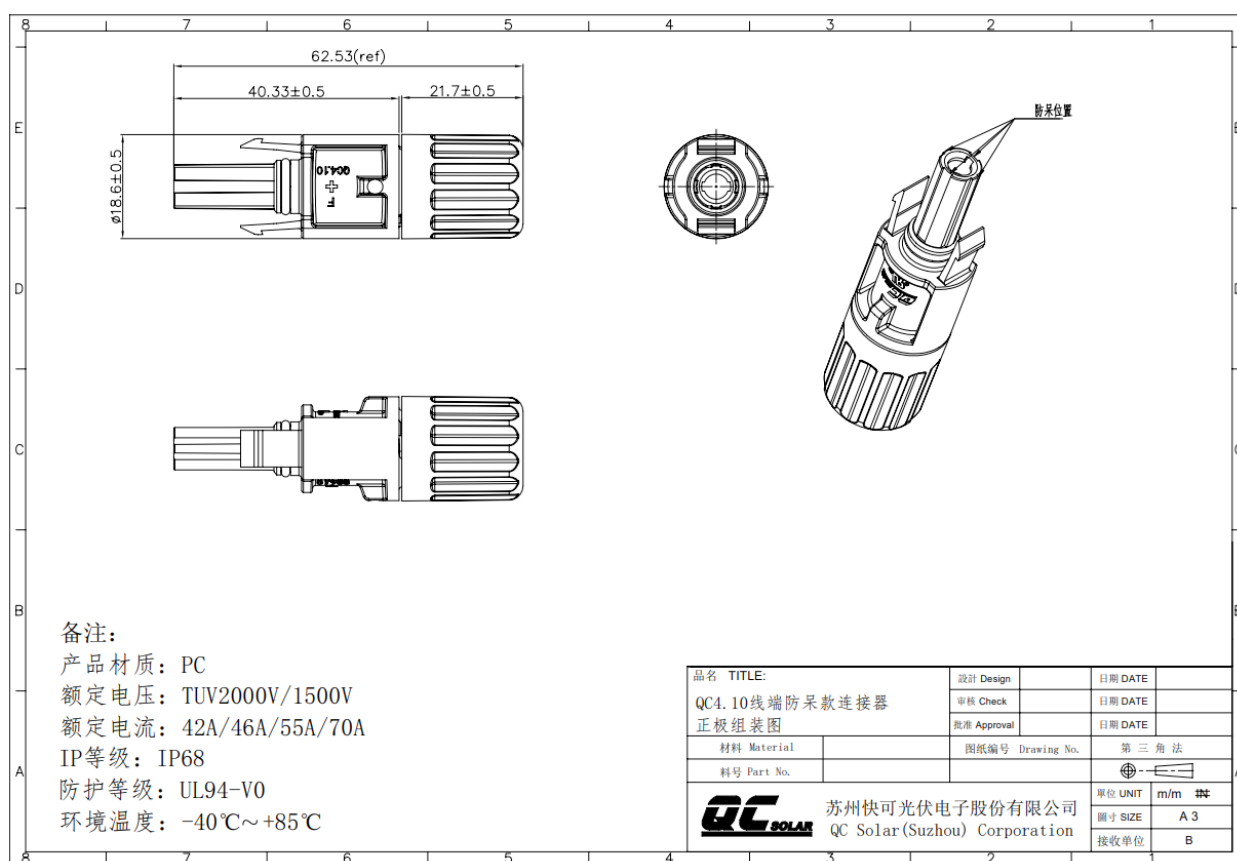
技术参数 Product Specifications

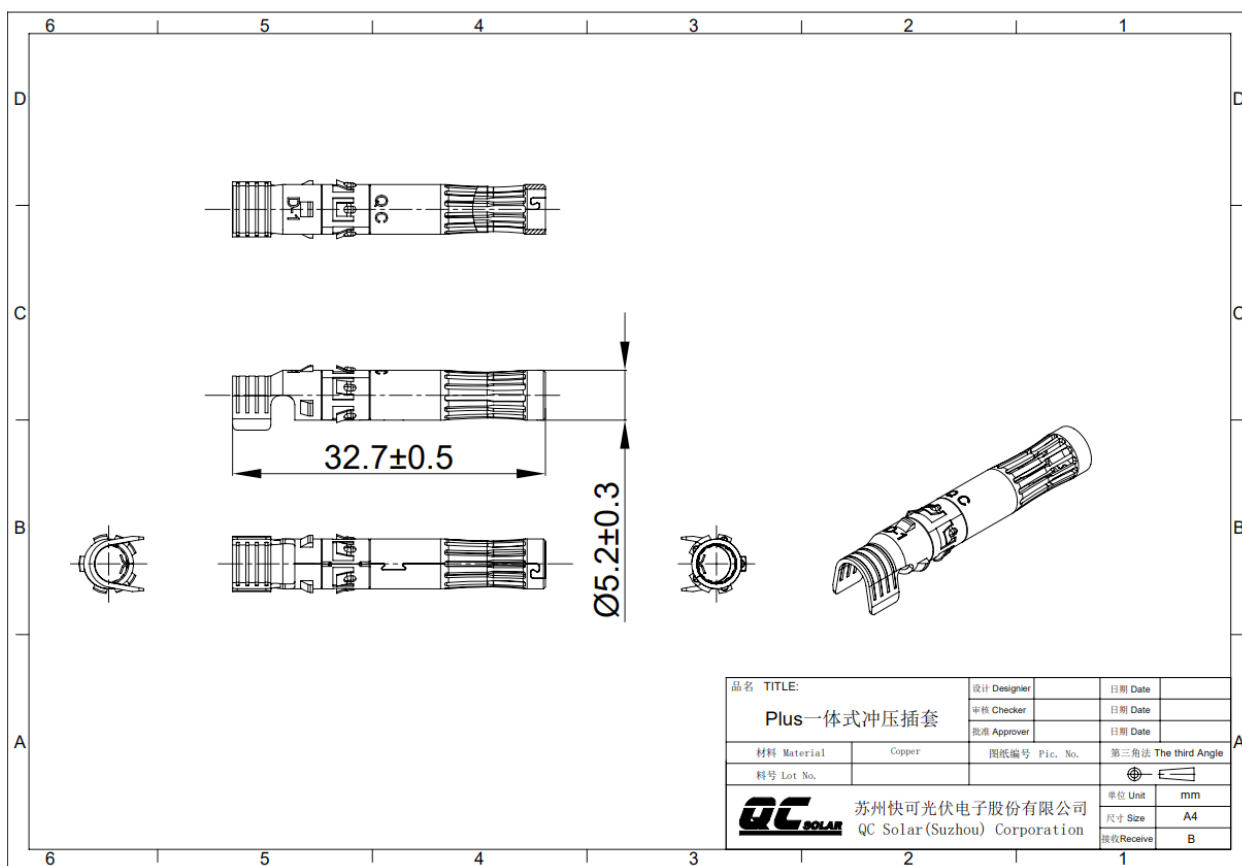
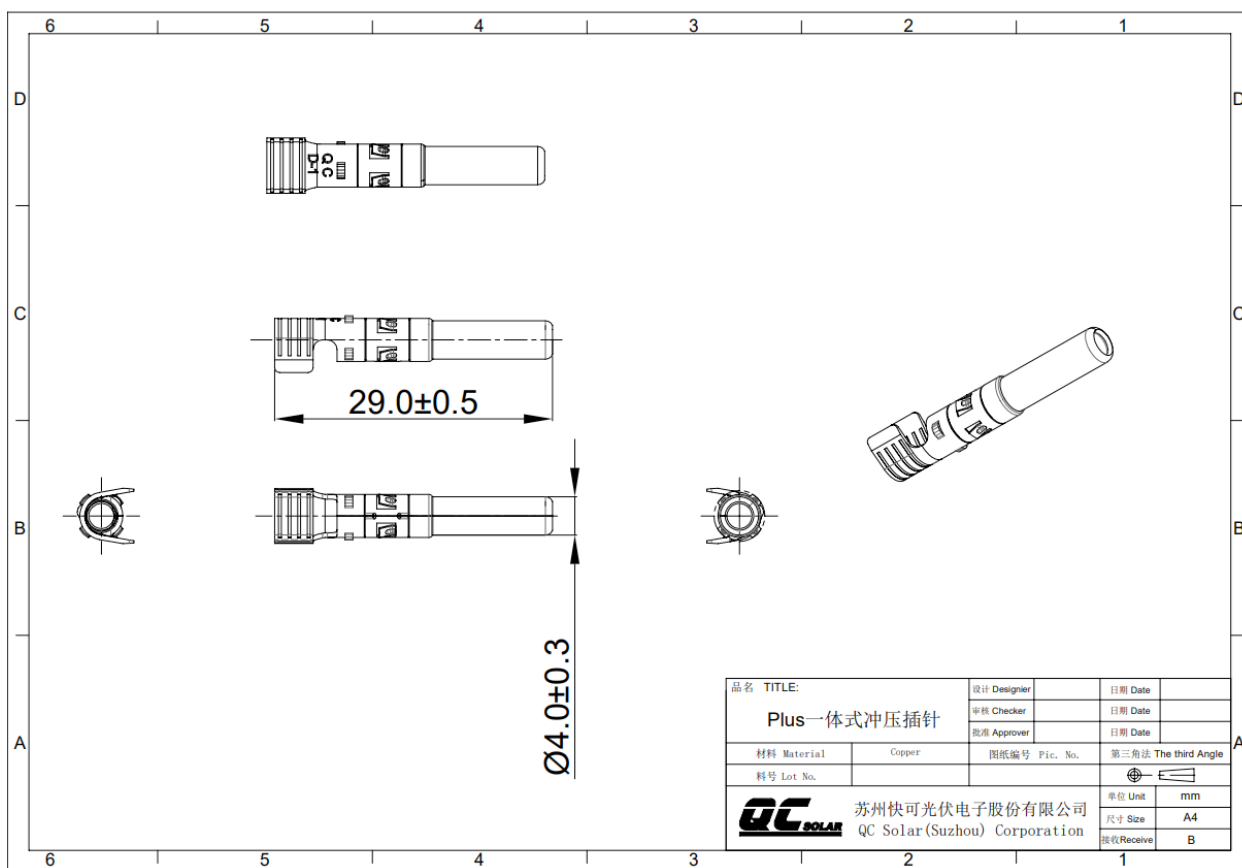
认证 Certificate	TUV
名称 Product Name	QC4.10-plus 一体式防呆款 QC4.10-PLUS-one piece pin foolproof Connector
认证型号 Certified Model	QC4.10-cds
额定电压 Rated Voltage	TUV2000V/1500V
额定电流 Rated Current	42A for 2.5mm ² 46A for 4.0mm ² 55A for 6.0mm ² 70A for 10.0mm ² 70A for 16.0mm ²
线缆规格 Cable Specification	OD 4.7~8.5mm, 2.5mm ² , 4.0mm ² , 6.0mm ² , 10.0mm ² , 16.0mm ²
防护等级 IP degree	IP65/IP68(1m,1h)
安全等级 Protection Class	Class II
接触电阻 Resistance of Connector	Max 0.5mΩ
防火等级 Flammability Class	UL94 V-0
温度范围 Temperature Range	-40°C~ +85°C
Caution	N/A

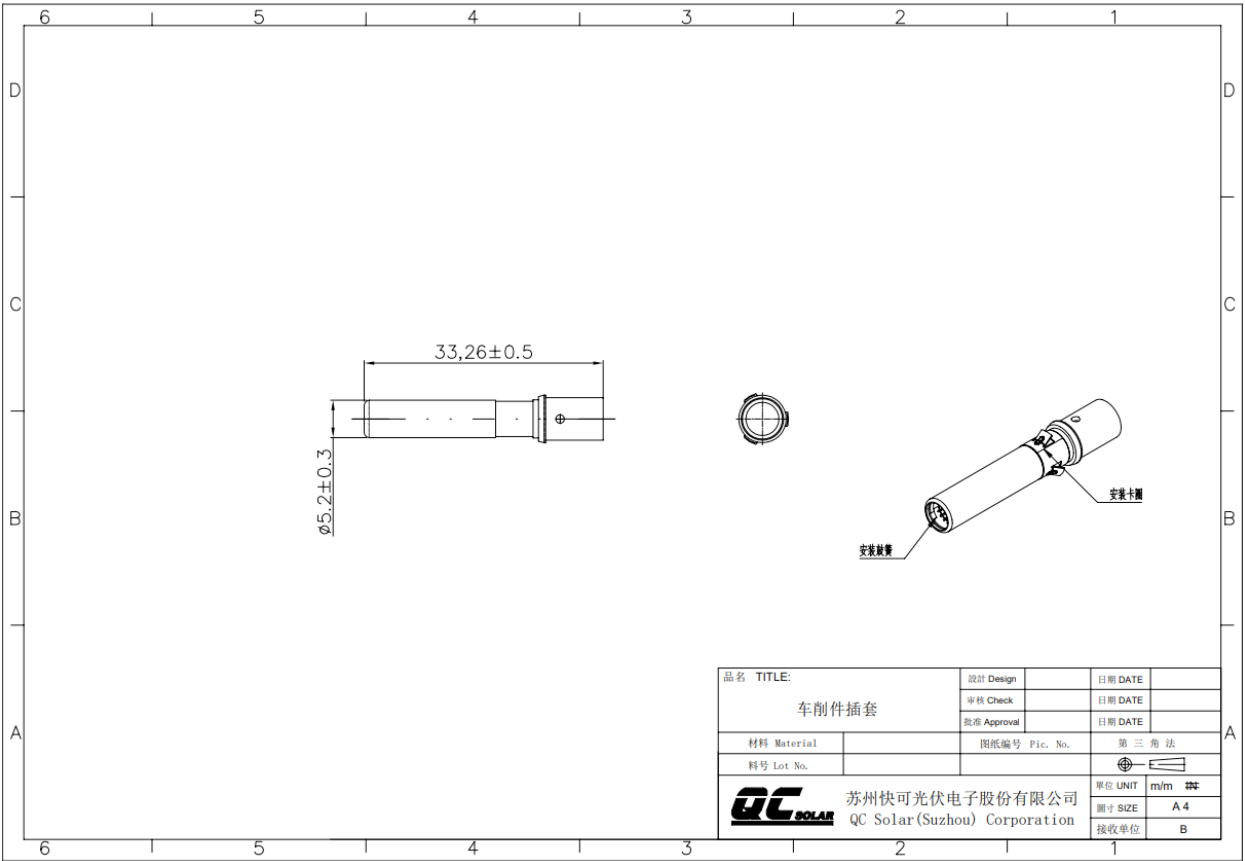
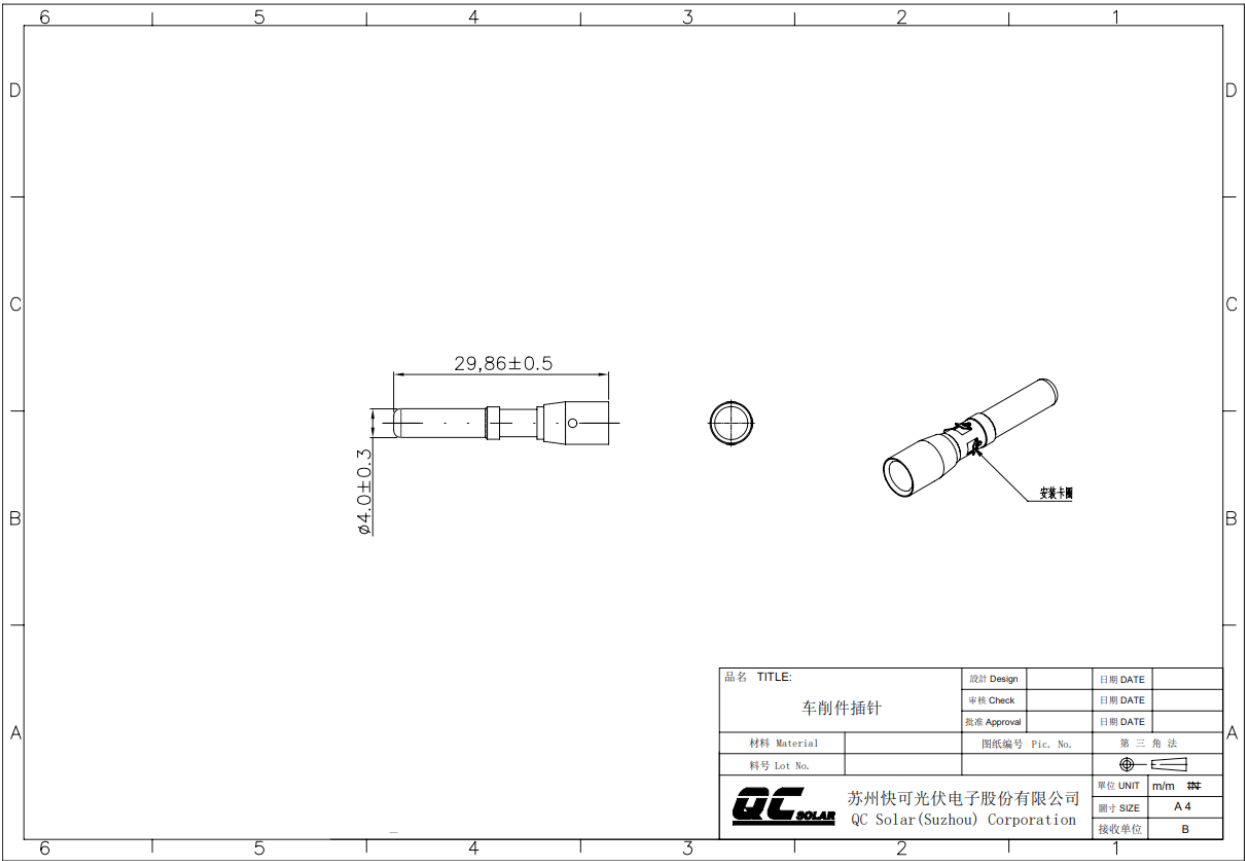
2. 连接器BOM清单 / Connector BOM List

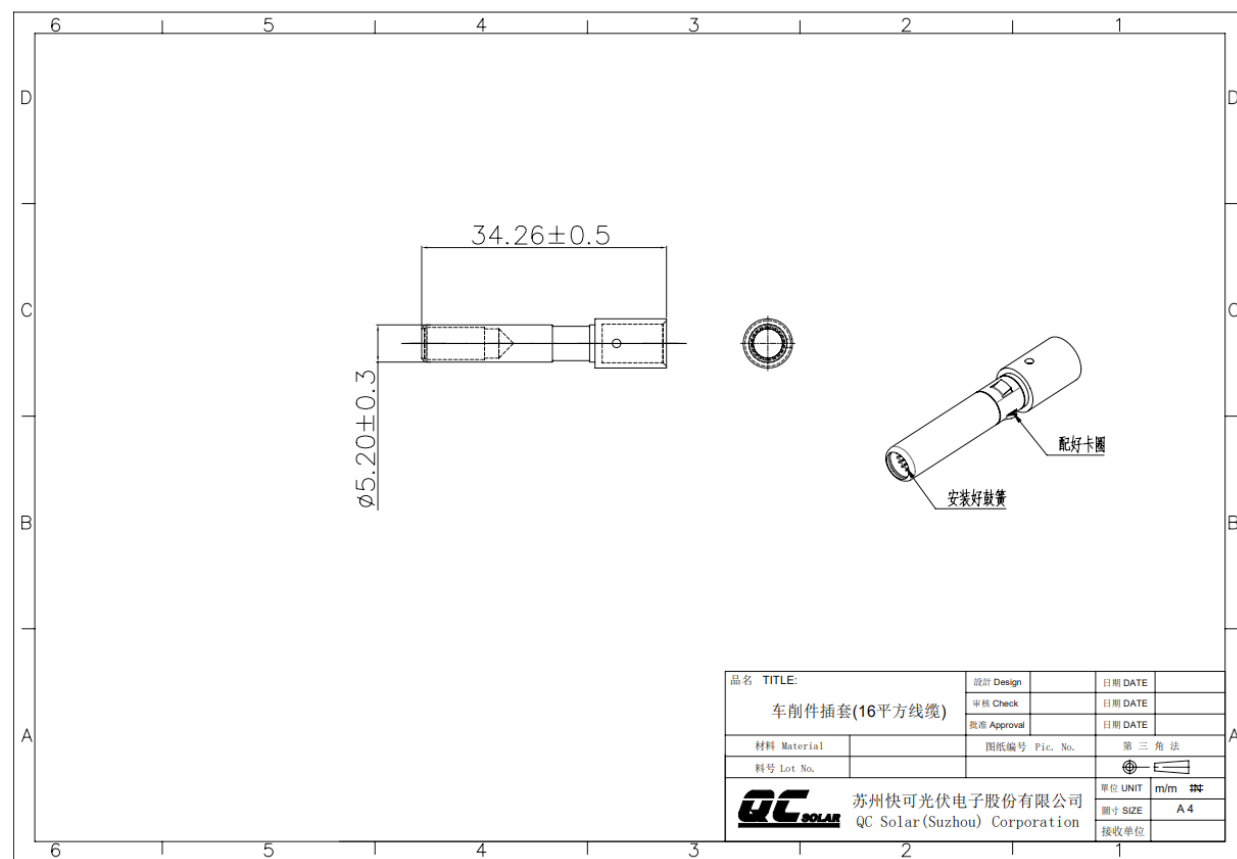
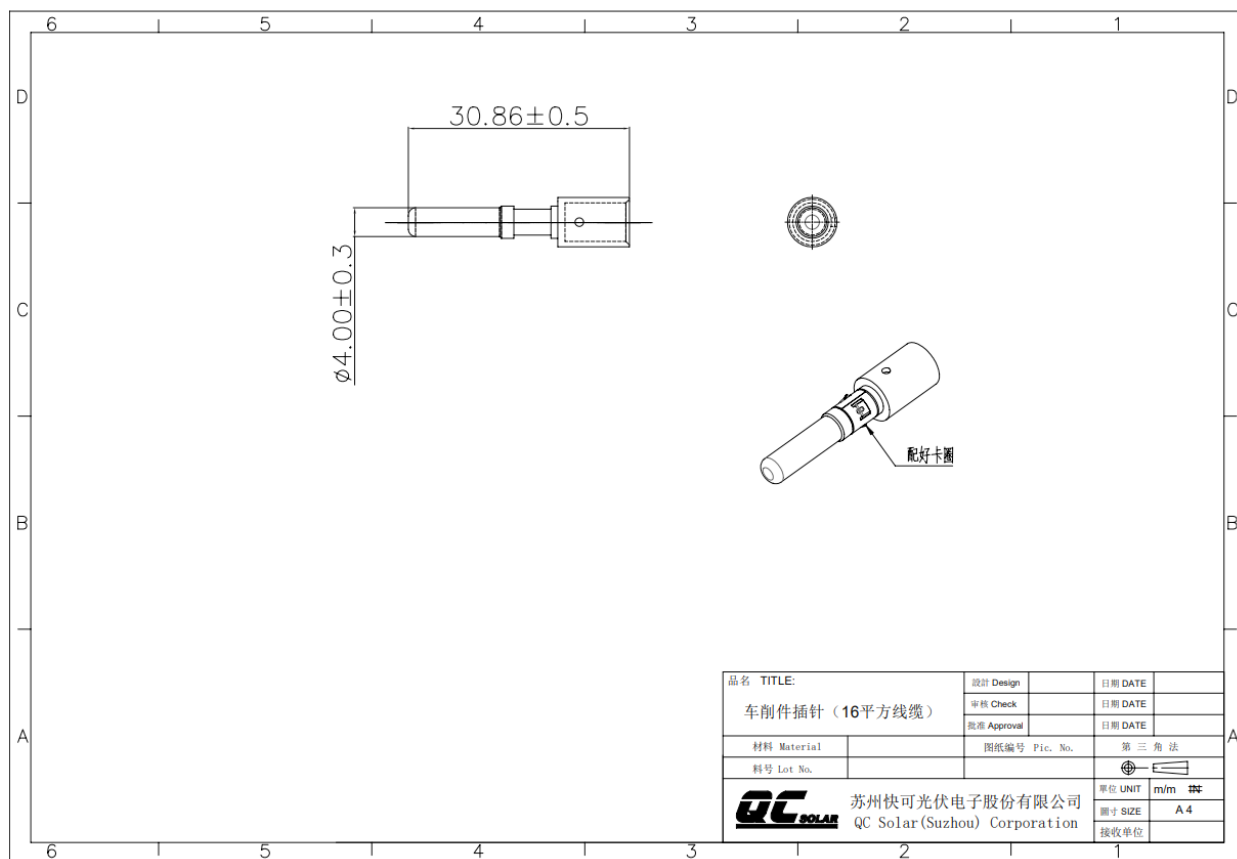
苏州快可光伏电子股份有限公司 QC Solar (Suzhou) Corporation					
产品名称 Product Name	QC4.10-plus 一体式防呆款	材料清单 Bill Of Materials		版 本 Version	A/0
产品型号 Type	QC4.10-plus			张 数 Page	1
客 户 Customer	/			发行日期 Version Date	2023.10.18
序 号 No.	名 称 Name	材 质 Material	生产厂商 Manufacturer	数 量 Quantity	备 注 Remark
1	QC4.10 plus 正极本体	PC	QC Solar	1 pcs	蓝色
2	QC4.10 plus 负极本体	PC	QC Solar	1 pcs	蓝色
3	后罩	PA66	QC Solar	2 pcs	
4	内爪	PA66	QC Solar	2pcs	选配
5	堵头	硅橡胶 Silicone	QC Solar	2 pcs	规格一 :5.5-5.9 规格二 :5.8-6.2 规格三 :6.2-6.6 规格四 :6.6-7.0 规格五 :7.0-7.4 规格六 :7.2-8.7
6	O 型圈	硅橡胶 Silicone	QC Solar	1 pcs	
7	冲压插针 OR 车削插针	铜镀锡 Tinned Copper	QC Solar	1 pcs	
8	冲压插套 OR 车削插套	铜镀锡 Tinned Copper	QC Solar	1 pcs	
以上原料符合欧盟 ROHS 要求 Above materials matched the ROHS rules					
制 表： Written By:		审 核： Checked by:		批 准： Approved By:	

3. 连接器图纸 / Drawing of connector









4. 连接器证书 / Certificates of connector

ZERTIFIKAT ♦ CERTIFICATE ♦ 認證證書 ♦ CERTIFICADO ♦ CERTIFICAT




Product Service

CERTIFICATE

No. B 077362 0014 Rev. 00

Holder of Certificate: **QC Solar (Suzhou) Corporation**
 No.31, Xinfu Road, SIP,
 215123 Suzhou
 PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Connector**
 Connectors for photovoltaic systems with voltage above 1500VDC and up to 2000VDC

Model(s): **QC4.3-abs, QC4.10-cds**

Parameters:

Rated Voltage:	Up to and including 2000V
Rated Current:	30A or 42A or 46A or 55A or 70A for QC4.3-abs 42A or 46A or 55A or 70A for QC4.10-cds
Class(IEC 61140):	II
Degree of Protection:	IP65/IP68(1m,1h)
Ambient Temperature	-40°C ~ +85°C

Tested according to: PPP 58211A:2022
 IEC 62852:2014
 IEC 62852:2014/AMD1:2020
 EN 62852:2015/A1:2020

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 704072307202-00

Valid until: 2028-12-25

Date, 2023-12-27


 (Yaqun Alex Liu)

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 TÜV SÜD Product Service GmbH • Certification Body • Riderstraße 65 • 80339 Munich • Germany

TÜV®

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

 中国苏州工业园区新发路 31 号 (No.31,Xinfa Road,SIP,Suzhou,China, 215123.)

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