

产品参数表

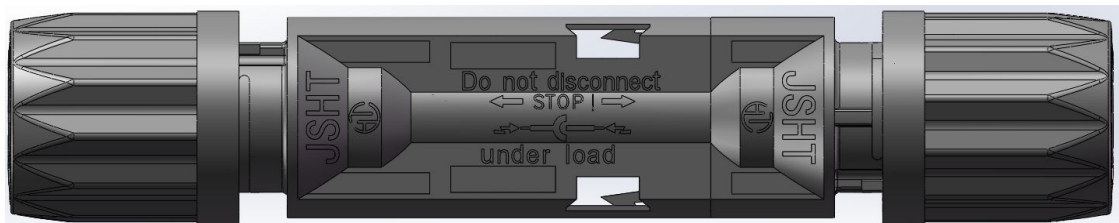
Product parameter table

产品外观图 (The appearance of the product graph) : PV-HT03

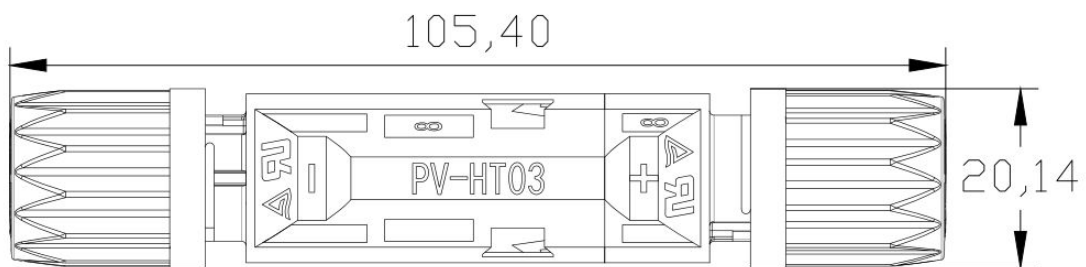
PV-HT03 正面图 (PV - HT03 positive figure)



PV-HT03 反面图 (PV - HT03 opposite figure)



产品尺寸规格图 (Size of product graphs) :



公司名称：江苏海天微电子股份有限公司

Factory: Jiangsu Haitian Microelectronics Corp.

地址：江苏省扬中市八桥镇中小企业创业园

版本：03

Address : Minor Enterprise High-Tech Venture Park,, BaQiao, Yangzhong City, Jiangsu Province, P.R. China

产品概述 (Product overview) :

太阳能电池组件线缆连接器, 该连接器采用内鼓形簧片插接, 公母头插接拔带有自锁机构, 使电气接触与连接更加可靠

The PV connector, the connector used in the drum shaped reed is inserted, male and female head plug pull with self-locking mechanism, make electrical contact with the connection is reliable

产品爆炸图 (Product exploded diagram)

| | | | | | |
|----|----|--|--|--|--|
| 版本 | A0 | | | | |
|----|----|--|--|--|--|

技术要求 Technical Requirement:
 各零部件安装时配合良好, 正负极中心针、塑料外壳对插时不得有插不到位的现象。
 All components and parts should be well installed, and the center pins and plastic casings should be put in place.

| 序号 | 名称 | 材料 | 数量 | 备注 |
|----|--------|--------|----|----|
| 10 | O型圈 | 硅橡胶 | 1 | |
| 9 | 连接器负极 | PPE | 1 | |
| 8 | 连接器正极 | PPE | 1 | |
| 7 | 止退圈 | 301不锈钢 | 2 | |
| 6 | T型定位套 | PPE | 2 | |
| 5 | 负极插杆 | 紫铜 | 1 | |
| 4 | 正极插筒 | 铜镀锡 | 1 | |
| 3 | T型密封胶圈 | 硅橡胶 | 2 | |
| 2 | 连接器法兰 | PPE | 2 | |
| 1 | 连接器螺帽 | 尼龙 | 2 | |

| | | | | |
|---------------|--|--|--|--|
| 连接器爆炸图 | | | | |
| 型号: PV-HT03 | | | | |
| 江苏海天微电子股份有限公司 | | | | |

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主要技术规格 (Main technical parameters) :

| | |
|--|---|
| 额定电压: 1500VDC Rated voltage: 1500VDC | 额定电流: 30A Rated current: 30A |
| 使用温度: -40~+85°C Ambient temperature:-40~+85°C | 安全等级 class II safety class: class II |
| 保护程度: IP67 Degree of protection: IP67 | 连接线规格: 12AWG Connecting capacity: 12AWG |
| 螺母锁紧力: >1.5NM Nut locking force: >1.5NM | 压接工具: A-2546B(iwiss) Crimping tool: A-2546B(iwiss) |
| 连接器接触电阻: <0.5mΩ Resistance of conductor: <0.5mΩ | |
| 电缆铆接端的裸露长度: 7.5mm The length of the exposed end of the cable crimped: 7.5mm | |

端子链接方式 (Termination and connection)
电缆线与内部金属端子采用机械铆接方式
(Crimped -type terminals for external flexible PV Cable)

主要特性 (main characteristics) :

- A、外壳有强烈的抗老化、耐紫外线能力;
The shell has a strong anti aging, ultraviolet radiation
- B、符合于室外恶劣环境下的使用要求;
Require the use of the in outdoor harsh environment
- C、线缆的连接采用压接与紧箍方式连接;
Cable used to connect the pressure connection and lock ring
- D、公母头的固定带有稳定的自锁机构, 开合自如;
Male and female head fixed with stable self-locking mechanism, freely