 HOLLYLAND (CHINA) ELECTRONICS TECHNOLOGY CORPORATION LIMITED.	PRODUCT SPECIFICATION HC101A FUSEHOLDER RoHS	ISSUED DATE: 2012/2/22 REV. NO.: A02 DOC. NO.: HLD-PSI-447 PAGE : Page 1 of 3

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1. 适用范围/ SCOPE

本规格书适用于本公司生产的并**获得 UR/CUR 认证的**HC101A RoHS HOLLY® 商标的熔断器座。

This specification defines the technical requirements of fuseholders having cylindrical contact caps type HC101A RoHS with HOLLY® brand **which have been approved by UR/CUR.**

产品部件号为:	<u>型号</u>	<u>极数</u>	<u>安装方式</u>
Construction of part no:	<u>type</u>	<u>No. of poles</u>	<u>usage mode</u>
例如 For Example:	<u>HC10</u>	<u>1</u>	<u>A</u>

* 安装方式 A usage mode A: 双金属圆柱形触头同向安装 Contact on two cylindrical

2. 相关标准及认证情况 APPLICABLE STANDARDS & APPROVED DETAILS

2.1 HC101A RoHS 系列产品适用的相关标准是 UL 4248.1

Applicable standards for HC101A RoHS series are UL4248.1.

2.2 认证情况 APPROVED DETAILS

额定电压 Rated Voltage	URL / CUR		备注 Remark
	认证范围 Approved Range	认证号码 Cert. No.	
600V AC	30A	E346660	圆形预绝缘端子 Pressure wire connector terminal.
	20A	E346660	快速接线端子 Quick connect terminal.

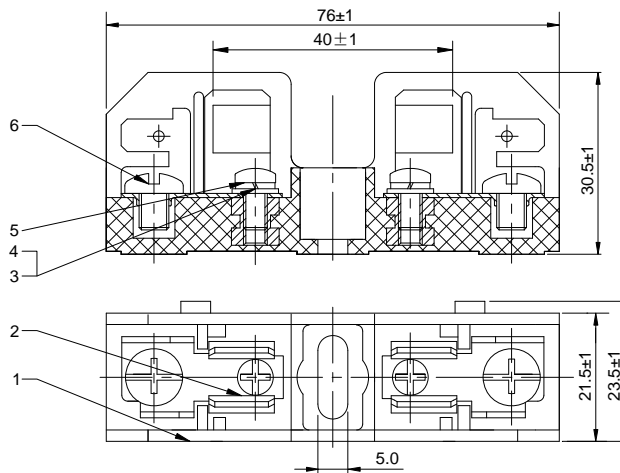
3. 公司地址 ADDRESS

中国福建省厦门市湖里区枋湖路 9-19 号

NO. 9-19, FANGHU ROAD, HULI, XIAMEN, FUJIAN, CHINA.

4. 结构 STRUCTURE


4.1 构造图 CONSTRUCTION FIG. & DIMENSION



4.2 使用对象 USE OBJECT

本产品适用于 10.3mm×38mm 圆筒帽形熔断体。

Applicable to 10.3mm×38mm cylindrical contact caps

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4.3 原材料规格 MATERIAL

序号 NO.	品名 PART	材料 MATERIAL	备注 REMARK
1	壳体 Base	工程塑料 Plastic	/
2	管夹 Clip	磷青铜 Phosphor bronze	镀锡 $\geq 3 \mu m$ Tin plated: $\geq 3 \mu m$
3	平垫圈 FLAT WASHER	钢 Steel	/
4	弹簧垫圈 SPRING WASHER	钢 Steel	/
5	M4 盘头螺钉 Screw	钢 Steel	/
6	M5 盘头螺钉 Screw	钢 Steel	/

4.4 熔断器座外观 FUSE HOLDER APPEARANCE

熔断器座无破裂、缺损或污染等现象。

Fuse holder shall have no defects such as crack, injury and contamination.

4.5 塑料件阻燃性能/ FLAMMABILITY CLASSIFICATION: UL 94V-0.

5. 主要技术参数:

额定工作电压 Rated Voltage	600V AC	
额定工作电流 Rated Current	30A 圆形预绝缘端子 Pressure wire Connect terminal.	20A 快速接线端子 Quick connect terminal.
耐受额定值 Withstand Rating	100,000A rms sym	
配用绝缘导线要求 With the insulation material requirements	尺寸Size	10WG(5.3mm ²)
	材料Material	Cu Only
	温度 Temperature	75°C Min.
	安装力矩Torque	20lb.in(2.3N.m)

6. 绝缘性能Dielectric strength:


验证绝缘性能的试验电压应施加在The test voltage for the verification of the insulating properties shall be applied:

- 6.1. 在带电金属部件和非载流部件之间; **Between live parts and non-current carrying metal parts;**
- 6.2. 接线端子之间: Between the terminals;
- 6.3. 带电部件与接地之间: **Between live parts and ground;**
- 6.4. 在接线端子和壳体之间; Between the terminal and the base
- 6.5. 带电部件与安装面之间; between live parts and mounting surface.

试验电压应逐渐增加至2200V AC, 并维持1分钟。在试验过程中, 不应出现绝缘击穿。the test voltage shall be applied progressively to 2200Vac and maintained for 1 min. Throughout the application of the test voltage, there shall be no breakdown of insulation.

7. 机械强度Mechanical strength

当导线连接器固定10AWG的导线并施加标志在熔断器座上力矩值的110%时, 不能引起熔断器座断裂、变形和损坏。
The base of a fuseholder shall not be damaged when the wire connectors securing short lengths of the 10

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AWG wire connector will accommodate are tightened to a torque of 110% of the value marked on the fuseholder.

8.热强度Thermal strength

当熔断器座承受最低温度70℃7h时，不能引起熔断器座塑料断裂、变形和损坏。

For molded thermoplastic materials, the insulating materials of the fuseholder shall not be damaged when subjected for 7 h. to a minimum temperature of 70°C.

9、温度上升TEMPERATURE RISE

当熔断器座内装入模拟熔断体并通以100%倍额定电流的条件下进行测试时，在达到热量平衡后，测量端子表面的温度，端子表面的温度上升必须等于或低于30℃。

Fuseholders shall be tested using a dummy fuse and the test current shall be 100% rated current, when the thermal equilibrium reaches. The temperature rise on the surface of each connect shall be 30℃ or less.

10.产品标志MARKING

10.1 熔断器座上的标志应易于看清。

The relevant markings shall be marked on the fuse-link and shall be easily visible.

10.2 每个熔断器座应标有下列标记：The symbol for every fuse holder shall be as prescribed below:

10.2.1 商标 Trade mark: HOLLY®

10.2.2 额定电流 Rated current:

10.2.3 额定电压 Rated voltage:

10.2.4 型号标识 Type mark: HC101A.

10.2.5 导线材料 Material: Cu Only

10.2.6 拧紧力矩Torque:

10.2.7 耐受额定值Withstand Rating:

10.2.8安全认证标志Safety Approval Logo:

11.包装要求PACKING DETAILS

11.1 包装方式PACKING

11.1.1 小盒参考尺寸Small Box Size: 长×宽×高length × width × height = 110×79×62.5mm。

11.1.2 外箱参考尺寸External Carton Size: 长×宽×高length × width × height = 415×240×270mm。

11.1.3 包装要求: 10个/小盒; 40小盒/每箱。

Packing Details: 10EA/small box; 40 small boxes /exported carton.

11.2 标签LABEL

标签应包括: 型号、额定电压、额定电流、安全标志、批量号码、RoHS 标志。

The label in the smallest package in which the fuse-links are put shall contain the Type, Rated voltage, Rated current, **Safety approval logo**, Lot. No., "RoHS" mark.

11.3 所有产品的包装应能达到防潮、抗振的作用，以防在运输或贮存过程中产品受潮或损坏。

Packing should meet the requirements of anti-moisture and anti-shaking so that the products will not absorb moisture or be damaged during transportation or storage.