

 HOLLYLAND (CHINA) ELECTRONICS TECHNOLOGY CORPORATION LIMITED HOLLYLAND (XIAMEN) TECHNOLOGY CORPORATION LIMITED	PRODUCT SPECIFICATION	ISSUED DATE: 2021/2/5	2021/2/5 A02 HLD-PSI-1225 Page 1 of 3
	HC10LD FUSEHOLDER SERIES	REV. NO.: A02 DOC. NO.: HLD-PSI-1225 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HC10LD RoHS系列HOLLY®商标的熔断器底座。

This specification defines the technical requirements of fuseholder type HC10LD RoHS series with HOLLY® brand.

产品部件号为: 型号 序列号 额定电压
 Construction of part no: type serial number rated voltage
 例如 For Example: HC10L D U15
 额定电压 Rated voltage: U15:1500V DC

产品型号 Type	目录编号 Part No.	额定电压 Rated Voltage	额定电流 Rated Current	备注
HC10LD	HC10LDU15	U15-1500V	35A	/

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

2.1 HC10LD RoHS 系列产品适用的相关标准是 UL42428.1、UL4248.18、GB13539.1 和 IEC 60269-1.

Applicable standards for HC10LD RoHS series are UL42428.1、UL4248.18、GB13539.1 and IEC 60269-1.

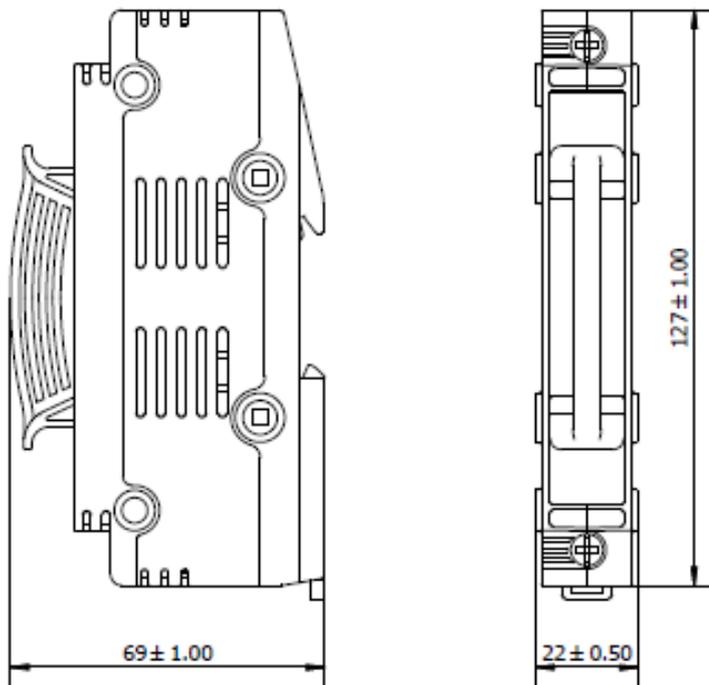
2.2 认证情况 APPROVED DETAILS

产品型号 Type	目录编号 Part No.	额定电压 Rated Voltage	认证范围 Approved Range	TUV	备注 Remark
				证书号码 REPORT No.	
HC10LD	HC10LDU15	1500V DC	35A	R 50468050	/

3. 公司地址 ADDRESS

中国福建省厦门市翔安区舫山东二路 829 号
 829 Fangshan East 2nd Road, Xiang' an, Xiamen 361101, China

4. 构造图 CONSTRUCTION FIG. & DIMENSION (mm)



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4.1 原材料规格 MATERIAL

品名 PART	材料 MATERIAL	备注 REMARK
壳体 Base	工程塑料 Thermoplastic	/
管夹 Clip	铜 Copper	/
卡簧 Clamp spring	弹簧钢丝 Spring wire	/
盘头螺钉 Screw	钢 Steel	/
接线端子 Terminals	钢 Steel	/

5. 主要技术参数:

目录编号 Part No.	HC10LD	
额定工作电压 Rated Voltage	1500V	
额定工作电流 Rated Current	35A	
防护等级 Protection Class	IP20	
极数 Pole	1P	
额定限制短路电流 Breaking capacity	30kA	
配用的熔断体尺码 Mating fuse size	10×85mm	
接触电阻 Contact resistance	≤0.02 Ω	
配用绝缘导线要求 With the insulation material requirements	尺寸Size	0.8-21.2mm²
	温度 Temperature	60°C/75°C
	安装力矩Torque	2.8N.m

6. 绝缘性能 Insulating properties:

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. 在接线端子和壳体之间, 应装上熔断体; Between the terminal and the base with the fuse-link;

6.2. 接线端子之间。当熔断器处于正常断开位置, 熔断体保持在熔断器内时; 或当熔断体移去时; Between the terminals when the fuse is in normal open position, the fuse-link remaining inside the fuse, or when the fuse-link is removed.

6.3. 不同极的接线端子之间。应装上与熔断体支持件配用的最大尺寸的熔断体; Between the terminals of different polarity with fuse-links of the maximum dimensions intended for that fuse-holder inserted.

6.4. 熔断体熔断后电位不同的接线端子之间。Between the terminals which can reach different potentials after the fuse-link has operated.

试验电压应逐渐增加至3820V DC, 并维持1分钟。在试验过程中, 不应出现绝缘击穿或闪络。不伴有电压降的辉光放电可以忽略。the test voltage shall be applied progressively to 3820V DC and maintained for 1 min. Throughout the application of the test voltage, there shall be no breakdown of insulation or flashover. Glow discharges unaccompanied by a drop in voltage can be neglected.

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7、产品标志MARKING

7.1 熔断器底座上的标志应易于看清。

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

7.2 每个熔断器底座应标有下列标记：The symbol for every fuseholder shall be as prescribed below:

7.2.1 商标Trade mark: HOLLY®

7.2.2 额定电流Rated current:

7.2.3 额定电压Rated voltage:

7.2.4 分断能力Breaking capacity:

7.2.5 型号标识Type mark:

7.2.6 安装扭矩Torque:

7.2.7 认证标志Certification mark:

8、储存和使用环境Storage & Operating environment

8.1 温度Temperature Range: -40°C to +90°C

8.2 海拔高度Altitude: ≤4900m

8.3、空气 Air: 干燥、不含硫 Dry, no Sulfur

8.4、湿度：相对湿度在最高温度为 40 °C 时不超过 50%。在较低的温度下可以有较高的相对湿度，例如，在 20° C 时，相对湿度可达 90%。

The relative humidity does not exceed 50 % at the maximum temperature of 40°C. Higher relative humidity is permitted at lower temperatures, for example, 90 % at 20°C.

8.5、储存时间Storage Time: 1年 One year

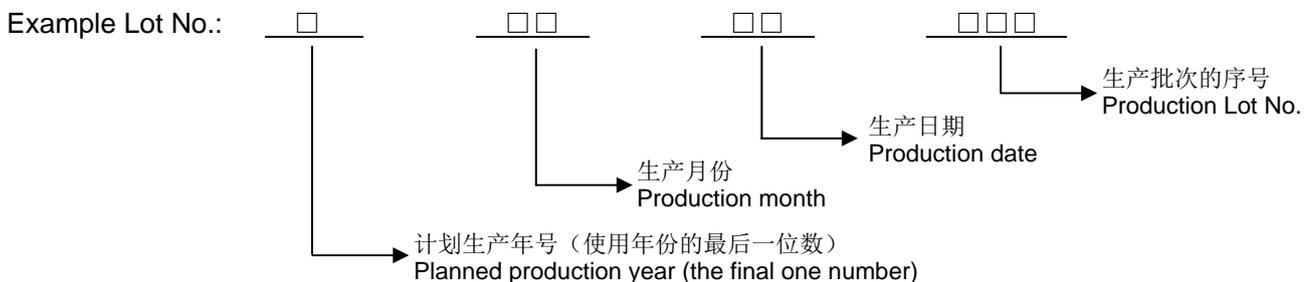
9.包装要求PACKING DETAILS

9.1 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。

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

例批量号：



9.2 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.