
 HOLLYLAND (CHINA) ELECTRONICS TECHNOLOGY CORPORATION LTD. HOLLYLAND (XIAMEN) TECHNOLOGY CORPORATION LIMITED	PRODUCT SPECIFICATION	ISSUED DATE: 2016/11/7	2016/11/7
	HC10NM RoHS SERIES	REV. NO.: A00 DOC. NO.: HLD-PSI-1095 PAGE : Page 1 of 3	

制定 PREPARED BY		审核 CHECKED BY		批准 APPROVED BY	
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1. 适用范围/ SCOPE

本规格书适用于本公司生产的 HC10NM RoHS 系列 HOLLY® 商标的速断型圆筒型帽保险丝。

This specification defines the technical requirements of fast-acting fuse-links having cylindrical contact caps type HC10NM RoHS series with HOLLY® brand.

产品部件号 PART NUMBER

目录编号 Part No.	额定电流 Rated Current	额定电压 Rated Voltage
HC10NM20	2 0 A	400V AC 500V AC
HC10NM25	2 5 A	
HC10NM30	3 0 A	
HC10NM32	3 2 A	
HC10NM35	3 5 A	
HC10NM40	4 0 A	
HC10NM50	5 0 A	250V AC/125V DC

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

2.1 HC10NM RoHS 系列产品适用的相关标准是 UL248-1、UL248-13、CSA C22.2 NO.248.1-00、CSA C22.2 NO.248.13-00、GB/T13539.4。

Applicable standards for HC10NM RoHS series are UL248-1、UL248-13、CSA C22.2 NO.248.1-00、CSA C22.2 NO.248.13-00 and GB/T 13539.4.

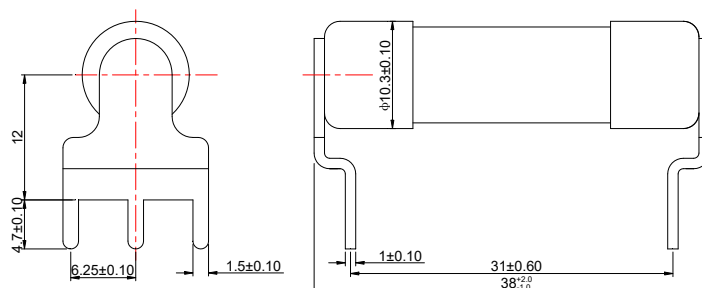
2.2 认证情况 APPROVED DETAILS


额定电压 Rated Voltage	认证范围 Approved Range	TUV	CCC	cURus	备注 Remark
		证书号码 REPORT No.	证书号码 REPORT No.	证书号码 REPORT No.	
500V AC	20A~40A	R50286163 0001	2016010308844449	/	
400V AC	20A~40A	/	/	E323180	

3. 公司地址 ADDRESS

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

4. 构造图 CONSTRUCTION FIG. & DIMENSION



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4.1 原材料规格 MATERIAL

序号 NO.	品名 PART	材料 MATERIAL	备注 REMARK
1	铜帽 Cap	黄铜 Brass	Tin plated
2	内帽 Inner Cap	黄铜 Brass	
3	端子 Terminal	黄铜 Brass	Tin plated
4	陶瓷管 Ceramic Tube	陶瓷 Ceramic	
5	可熔体 Fusible Element	金属片 Metal Sheet	
6	石英砂 Quartz Sand	二氧化硅 Silicon Dioxide	

4.2 陶瓷管 Ceramic Tube

陶瓷管无破裂、缺损或污染等现象。

Ceramic tube shall have no defects such as crack, injury and contamination.

5. 电气特性 ELECTRICAL PERFORMANCES

5.1 测试条件 TEST CONDITIONS

全部测试条件都应在环境温度 $25^{\circ}\text{C}\pm 5^{\circ}\text{C}$ 条件下进行。

All electrical tests are conducted at a ambient temperature of $25\pm 5^{\circ}\text{C}$.

5.2 时间-电流特性 TIME-CURRENT CHARACTERISTICS

当保险丝通以下表规定的电流时，其熔断时间必须符合下表的要求，且铜帽不能飞脱、管体不应破裂、损坏。

When the current in the following table is passing the fuse, its opening time must be in accordance with the requirements in the following table, that is, the pre-arcing time. Moreover, neither damage of the fuse-tube nor shattering of the cap shall occur.

熔断电流/ % of Rated Current	熔断时间/ Open Time
110%	1 hour Min.
160%	1 hour. Max.

5.3 分断能力 BREAKING CAPACITY

保险丝的分断能力应能达到下表规定的分断能力要求。熔断器分断电路后，保险丝及其部件可以改变颜色或者裂缝，但保险丝从载熔件或试验架上取出之前须保持为一整体、且其两端的绝缘电阻不小于 $0.1\text{M}\Omega$ 。


The breaking capacity should reach the breaking current rating given in the following table. After this test, the fuse-links or their parts may have changed their colour or may show cracks, provided that the fuse-link remains in one piece before its removal from the fuse-carrier or test rig, and the insulation resistance of both two terminals shall be not less than $0.1\text{M}\Omega$.

额定电流 Rated Current	分断电流 Breaking Current	备注 Remark
20A-40A	500V AC 50kA	GB/T 13539.4
	400V AC 50kA	UL 248-13
50A	250V AC 1500A 125V DC 1000A	/

5.4 电阻测试 COLD RESISTANCE TEST

环境温度为 $20\pm 5^{\circ}\text{C}$ ，测试电流不大于保险丝额定电流的10%。

Input less than or equal to 10% rated current of fuse-link to fuse for cold resistance test at the ambient temperature of $20\pm 5^{\circ}\text{C}$.

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6. 产品标志MARKING

6.1 保险丝上的标志应易于看清。

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

6.2 每个保险丝应标有下列标记：The symbol for every fuse shall be as prescribed below:

6.2.1 商标Trade mark: HOLLY®

6.2.2 额定电流Rated current:

6.2.3 额定电压Rated voltage:

6.2.4 型号标识Type mark:

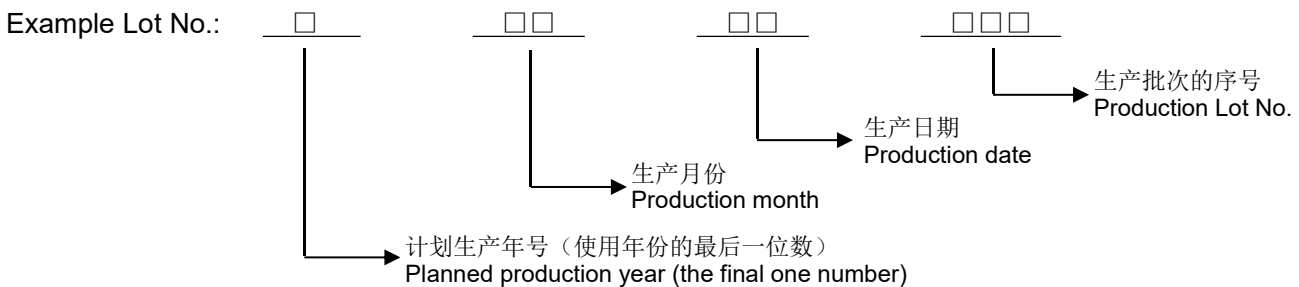
7. 包装要求PACKING DETAILS

7.1 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、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.

例批量号：



7.2 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.

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