

产品承认书
APPROVAL SHEET

客户料号:

Part Number

客户:

CUSTOMERS

品名:

DESCRIPTION

固态电容

规格:

SERIES

PH 47uF/50V 6.3X8

供应商料号

Supplier PN:

PH470M050E080B000

日期:

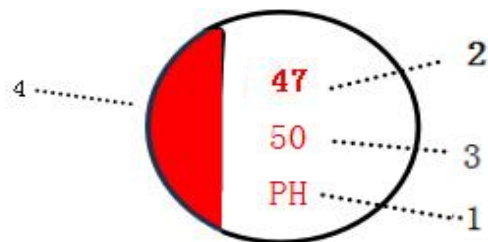
DATE

2025/7/25

| 发行单位 ISSUE DEPARTMENT | |
|--|-------------------|
|  湖北米朗兴创电子有限公司 工程部 | |
| 制作 PREPARED BY | 侯业刚 HOU YEGANG |
| 批准 APPROVED | 胡俊波 HU JUNBO |

| 客户承认栏 APPROVED COLUMN | |
|------------------------------|--|
| 合格 <input type="checkbox"/> | |
| 不合格 <input type="checkbox"/> | |
| 审核 CHECKED | |
| 批准 APPROVED | |

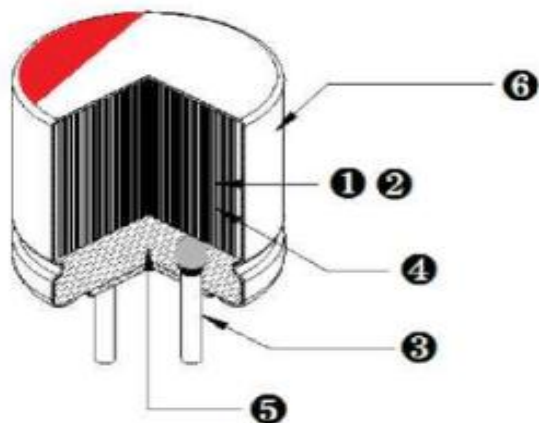
贵司确认后, 敬请回签一份 (After your confirmation, please sign back)



NO. 代表内容 Item

- 1 产品系列 Series
- 2. 电容容量 Rated Capacitance
- 3. 电容电压 Rated Voltage
- 4. 负极指示线 Negative Polarity

4. 产品结构图 Product Structure Diagram



1. 阳极箔：高纯铝化成箔

Anode foil: high pure aluminum formation foil

2. 阴极箔：高纯铝碳箔

Cathode foil: high pure aluminum carbon foil

3. 导针：高纯铝，引线为镀锡铜包钢线

leader pin: high pure aluminum, lead is tin copper clad steel wire

4. 电解纸：马尼拉麻

Electrolytic paper: Manila hemp

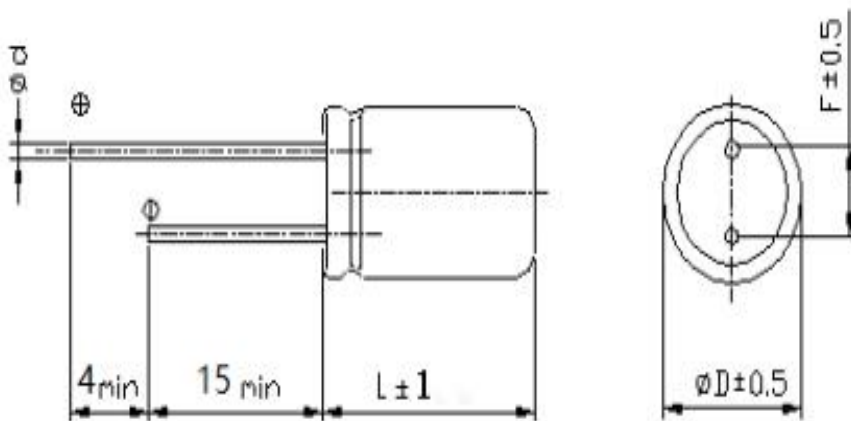
5. 胶盖：橡胶

Sealing: rubber

6. 铝壳：高纯铝，涂层铝壳

Aluminum can: high purity aluminum, coated aluminum can

5. 尺寸 size



| | |
|---------------|-----|
| ΦD | 6.3 |
| $F(\pm 0.5)$ | 2.5 |
| $d(\pm 0.05)$ | 0.6 |
| $L(\pm 1)$ | 8 |

6. 特性 Characteristics

6.1 标准测试条件 Standard test conditions

除非另有规定，所有测试环境应当在以下条件下进行：

Unless otherwise specified, all tests shall be performed at following conditions:

环境温度：15-35 ℃ Ambient temperature: 15-35 °C

相对湿度：45-75% RH Relative humidity: 45_75%/RH

气压：86-106 Kpa Air pressure 86-106 Kpa

测试疑虑时，在以下条件下确认测量结果：

Any testing doubt, confirm the measurement results under the following conditions:

环境温度：20±2 ℃ Ambient temperature: 20±2 °C

相对湿度：60-70% RH Relative humidity: 60_70° /RH 气压：86-106 Kpa Air pressure 86-106 Kpa

6.2 电气特性参数表 Characteristic parameter list

| NO. | 料号 | 容量 (CAP) | 容差 (%) | 电压 (V) | 损失角 (%) | ESR (mΩ) | RC (mA) | LC (uA) | 尺寸 (mm) | 颜色 | 寿命时间 (H) | 温度 |
|-----|-------------------|-------------|-----------|-----------|------------|-------------|------------|------------|------------|----|-------------|----------|
| 1 | PH470M050E080B000 | 47 | ±20 | 50 | 12 | 50 | 1900 | 470 | 6.3*8 | 红字 | 2000H | -55~105℃ |

18> 使用前注意事项 Precautions before using



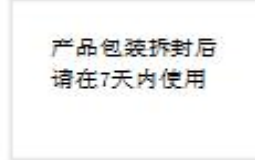
电容储存环境正常

Storage environment is normal



电容尚期在有效期内 (18个月)

Date-code is within the validity period(18 months)



产品包装拆封后请在7天内使用

Please use the product after package is opened in 7 days



电容引线无扭曲弯折

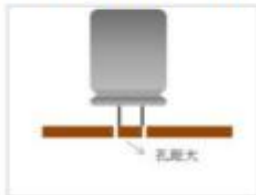
Pins no distortion and bending

19> 安装前注意事项 Precautions before installation



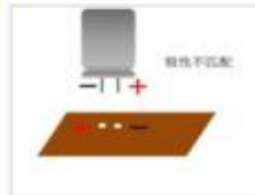
电容引线直径与PC板孔径匹配

Diameter of capacitor pin is matched with PC board aperture



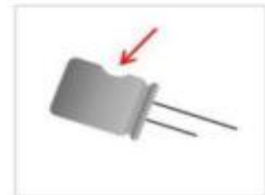
电容引线脚距与PC板孔距匹配

Pitch of capacitor pins is matched to the PC plate hole spacing



电容插件时极性正确

Polarities of capacitor and PC board are corresponding



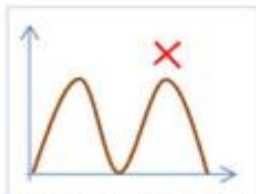
本体变形电容不使用

Capacitors which body deformed can not be used



电容插件倾斜不强行用力下压

When capacitors plugged slantly, they can not be forced down



电容只经过一次高温回焊

Capacitor can only pass through one time reflow soldering



电容上锡后本体不受力

Body of capacitor can not be forced after soldering



电容施加电压不超过额定电压

Charging voltage can not exceed rated working voltage of capacitor



电容手工焊接时，烙铁不能长时间接触引线

When manual soldering, the soldering iron can not contact pins of capacitor for long time



电容插件后的电路板不叠加堆放

The PC boards which have capacitors should not be stacked



不要让电容正负极接触导电性溶液

Do not allow pins of capacitor to be in contact with the electrical conductivity solution



掉落地面电容不使用

Capacitors dropping down can not be used



湖北米朗兴创电子有限公司

MILANG XINGCHUANG ELECTRONIPH CO.,LTD

ELECTROLYTIC CAPACITOR SPECIFICATION

PH SERIES

20. 环保 Environmental protection

本公司每年一次，将电容主要材料及电容成品送第三方权威检测机构检测。

Once a year, we will send the main materials and the capacitor products to the third party authorities for testing

检测时，根据当年欧盟最新要求检测 ROHS、SVHC 管理物质。

Test ROHS and SVHC management substances according to the latest requirements of the European Union

检测报告，本公司会在检测完成后上传到公司网站（www.econd.net）。

The test report will be uploaded to the company website (www.econd.net) after the test is completed

为倡导环保，节能减排，本公司提供 PDF 电子档承认书给客户。

To advocate environmental protection, energy conservation and emissions reduction, our company will provide the PDF specification by email admitted to customer

有特殊要求，请再联络本公司业务人员，谢谢！