

## 4 系\_电动工具连接解决方案

## 4 Series\_E-Tool Connectivity Solutions



E-Forklift Truck 电动叉车



E-Lawn Mower 电动割草机



E-farm machinery 电动农机



E-Scrubber 电动洗地机

## 公司简介

### Company Profile

弘林科创建于2015年，是全球知名的大功率连接器整体方案提供商，拥有ISO9001, ISO14001, IATF16949管理体系认证，通过了CE RoHS REACH等国际测试认证，同时也获得中国国家知识产权局授权专利约30项左右，是中国国家科技型创新企业，弘林科在全球拥有2个制造工厂（分别位于中国昆山/河南南阳），5个销售公司（中国/日本/泰国/韩国/美国）

弘林科拥有资深专业的模具设计加工，自动化制造能力，完整的检测设备及技术，打造全球一流的连接器品牌，服务全球用户；同时我们具有强大的定制化能力，依据不同客户的差异化需求，提供专业，高效，快捷的定制化连接解决方案，为顾客创造价值。

弘林科专注于新能源连接器，其中1系\_M5/M8/M12/M16圆型连接器，2系\_储能连接器，3系\_电动自行车连接器，4系\_电动工具连接器，5系\_电动摩托车连接器，6系\_电动汽车充电枪/座，7系充电桩及放电枪等一站式解决方案。

Founded in 2015, Honlix is a world-renowned total solution provider of high power connectors with ISO9001, ISO14001, IATF16949 management system certification, passed CE RoHS REACH and other international testing and certification, and also obtained about 30 patents authorized by China National Intellectual Property Patent Office, which is a national science and technology-based innovative enterprise in China.

Honlix has 2 manufacturing factories (located in Kunshan, China / Nanyang, Henan Province) and 5 sales companies (China / Japan / Thailand / Korea / USA)

Honlix has experienced and professional mold design and processing, automated manufacturing capabilities, complete testing equipment and technology to build a global first-class connector brand to serve the global user; at the same time, we have a strong ability to customize, according to the different customer needs, to provide professional, efficient, and effective connectors to meet different needs. At the same time, we have a strong customization ability, according to the differentiated needs of different customers, to provide professional, efficient, fast customized connection solutions, to create value for customers.

Honlix specializes in new energy connectors, including Series 1\_M5/M8/M12/M16 circular connectors, Series 2\_energy storage connectors, Series 3\_electric bicycle connectors, Series 4\_electric tool connectors, Series 5\_electric motorcycle connectors, Series 6\_electric vehicle charging guns/mounts, Series 7 charging piles and discharging guns, and other one-stop solutions.

# 公司简介 Company Profile

**HONLIX**



昆山工厂  
Kunshan Factory



河南工厂  
Henan Factory



## 资质证书 Certificates



ISO90001



ISO14000



TS16949



CE



RoHs



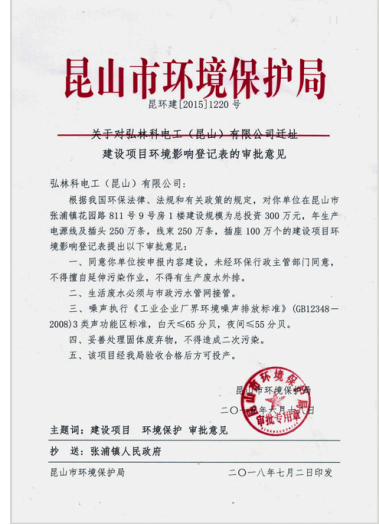
CE



Utility model patents



Appearance Patent



EIA report



# 全球服务 Global Services

**HONLIX**



1. Kunshan, China\_factory
2. Henan, China\_factory
3. Shanghai, China\_office
4. Yokohama, Japan\_office
5. Seoul, Korea\_office
6. California, USA\_office
7. Bangkok, Thailand\_office

1. 中国昆山\_工厂
2. 中国河南\_工厂
3. 中国上海\_销售办公室
4. 日本横滨\_销售办公室
5. 韩国首尔\_销售办公室
6. 美国加州\_销售办公室
7. 泰国曼谷\_销售办公室

## 电动工具连接器应用 E-Tool Connectors Application

Battery Charging Male



Battery Charging Female



Battery Discharging



Brake/Speaker/Display/Light



E-Forklift Truck 电动叉车



E-Lawn Mower 电动割草机



E-Forklift Truck 电动叉车



E-Lawn Mower 电动割草机

4系\_产品目录  
4 Series\_Contents

1. Anderson Connector 安德森连接器

HLK-401 50A 2PIN -----1  
HLK-401-1 50A 2+4PIN Battery Side -----2  
HLK-401-2 50A 2+4PIN Charging Cabinet Side -----3  
HLK-402 175A 2PIN -----4  
HLK-403 350A 2PIN -----5

2. Rema Connector 瑞玛连接器

HLK-404 80A Power\*2+Signal\*4PIN Male-----6  
HLK-405 80A Power\*2+Signal\*4PIN Female -----7  
HLK-406 160A Power\*2+Signal\*4PIN Male -----8  
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## HLK-401

- 50A 2PIN 连接器
- 50A 2PIN Connector

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability

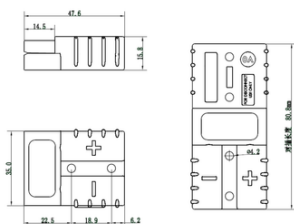
## 技术参数 Technical Data

- |                          |                  |                          |                    |
|--------------------------|------------------|--------------------------|--------------------|
| • 额定电流:                  | 50A              | • 端子接线方式:                | 铆压                 |
| • Rated current:         | 50A              | • Terminal Connection:   | Riveting           |
| • 额定电压:                  | 600V DC          | • 盐雾测试:                  | 48 H               |
| • Rated voltage:         | 600V DC          | • Salt spray resistance  | 48 H               |
| • 绝缘电阻:                  | $\geq 10M\Omega$ | • 耐电压 :                  | 2500V AC           |
| • Insulation resistance: | $\geq 10M\Omega$ | • Withstand voltage :    | 2500V AC           |
| • 阻燃等级:                  | UL94V-0          | • 机械寿命:                  | $\geq 3000$ 次      |
| • Flame retardant rating | UL94V-0          | • Flame retardant rating | $\geq 3000$ cycles |
| • 使用环境:                  | -40°C ~ +105°C   | • 拔出力:                   | $\geq 3N$          |
| • Operating temperature: | -40°C ~ +105°C   | • Pull-out force:        | $\geq 3N$          |
| • 防护等级:                  | IP23 (公母互配后)     | • 环保等级:                  | RoHS               |
| • IP grade:              | IP23 (mated)     | • Environmental grade:   | RoHS               |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T   | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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 Recommended Panel Mounting Dimensions

## HLK-401-1

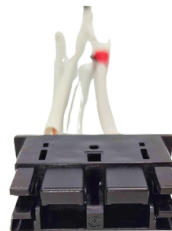
- 50A 电源\*2PIN+信号\*4PIN 电池端 连接器
- 50A Power\*2PIN+Signal\*4PIN Battery Connector

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability



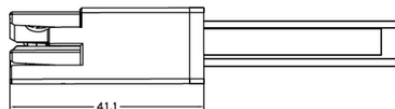
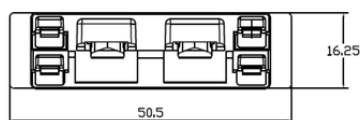
## 技术参数 Technical Data

- |                          |                |                          |               |
|--------------------------|----------------|--------------------------|---------------|
| • 额定电流:                  | 50A            | • 端子接线方式:                | 铆压            |
| • Rated current:         | 50A            | • Terminal Connection:   | Riveting      |
| • 额定电压:                  | 600V DC        | • 盐雾测试:                  | 48 H          |
| • Rated voltage:         | 600V DC        | • Salt spray resistance  | 48 H          |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC      |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC      |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥10000 次      |
| • Flame retardant rating | UL94V-0        | • Flame retardant rating | ≥10000 cycles |
| • 使用环境:                  | -40°C ~ +105°C | • 拔出力:                   | ≥3N           |
| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N           |
| • 防护等级:                  | IP55 (公母互配后)   | • 环保等级:                  | RoHS          |
| • IP grade:              | IP55 (mated)   | • Environmental grade:   | RoHS          |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T   | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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## HLK-401-2

- 50A 电源\*2PIN+信号\*4PIN 换电柜端 连接器
- 50A Power\*2PIN+Signal\*4PIN Charging Cabinet Side Connector

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability



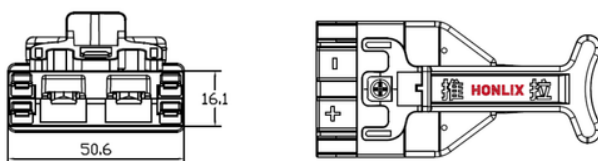
## 技术参数 Technical Data

- |                          |                |                          |              |
|--------------------------|----------------|--------------------------|--------------|
| • 额定电流:                  | 50A            | • 端子接线方式:                | 铆压           |
| • Rated current:         | 50A            | • Terminal Connection:   | Riveting     |
| • 额定电压:                  | 600V DC        | • 盐雾测试:                  | 48 H         |
| • Rated voltage:         | 600V DC        | • Salt spray resistance  | 48 H         |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC     |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC     |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥3000 次      |
| • Flame retardant rating | UL94V-0        | • Flame retardant rating | ≥3000 cycles |
| • 使用环境:                  | -40°C ~ +105°C | • 拔出力:                   | ≥3N          |
| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N          |
| • 防护等级:                  | IP55 (公母互配后)   | • 环保等级:                  | RoHS         |
| • IP grade:              | IP55 (mated)   | • Environmental grade:   | RoHS         |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T   | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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 Recommended Panel Mounting Dimensions

## HLK-402

- 175A 2PIN 连接器
- 175A 2PIN Connector

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability



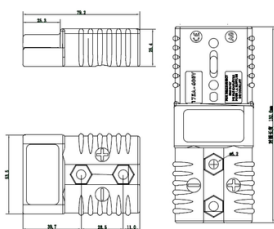
## 技术参数 Technical Data

- |                          |                |                          |              |
|--------------------------|----------------|--------------------------|--------------|
| • 额定电流:                  | 175A           | • 端子接线方式:                | 铆压           |
| • Rated current:         | 175A           | • Terminal Connection:   | Riveting     |
| • 额定电压:                  | 600V DC        | • 盐雾测试:                  | 48 H         |
| • Rated voltage:         | 600V DC        | • Salt spray resistance  | 48 H         |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC     |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC     |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥3000 次      |
| • Flame retardant rating | UL94V-0        | • Flame retardant rating | ≥3000 cycles |
| • 使用环境:                  | -40°C ~ +105°C | • 拔出力:                   | ≥3N          |
| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N          |
| • 防护等级:                  | IP23 (公母互配后)   | • 环保等级:                  | RoHS         |
| • IP grade:              | IP23 (mated)   | • Environmental grade:   | RoHS         |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T   | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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 Recommended Panel Mounting Dimensions



## HLK-403

- 350A 2PIN 连接器
- 350A 2PIN Connector

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability

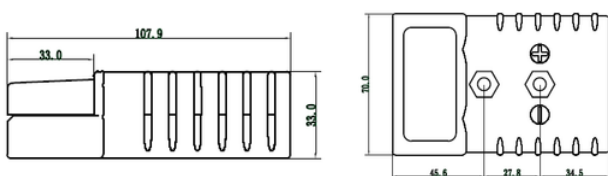
## 技术参数 Technical Data

- |                          |                                                 |                          |                    |
|--------------------------|-------------------------------------------------|--------------------------|--------------------|
| • 额定电流:                  | 350A                                            | • 端子接线方式:                | 铆压                 |
| • Rated current:         | 350A                                            | • Terminal Connection:   | Riveting           |
| • 额定电压:                  | 600V DC                                         | • 盐雾测试:                  | 48 H               |
| • Rated voltage:         | 600V DC                                         | • Salt spray resistance  | 48 H               |
| • 绝缘电阻:                  | $\geq 10M\Omega$                                | • 耐电压 :                  | 2500V AC           |
| • Insulation resistance: | $\geq 10M\Omega$                                | • Withstand voltage :    | 2500V AC           |
| • 阻燃等级:                  | UL94V-0                                         | • 机械寿命:                  | $\geq 3000$ 次      |
| • Flame retardant rating | UL94V-0                                         | • Flame retardant rating | $\geq 3000$ cycles |
| • 使用环境:                  | $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$ | • 拔出力:                   | $\geq 3\text{N}$   |
| • Operating temperature: | $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$ | • Pull-out force:        | $\geq 3\text{N}$   |
| • 防护等级:                  | IP23 (公母互配后)                                    | • 环保等级:                  | RoHS               |
| • IP grade:              | IP23 (mated)                                    | • Environmental grade:   | RoHS               |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T   | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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www.honlix.com



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Recommended Panel Mounting Dimensions

## HLK-404

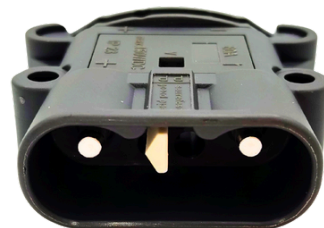
- 80A 电源\*2PIN+信号\*4PIN 连接器 公
- 80A Power\*2+Signal\*4 Connector Male

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability



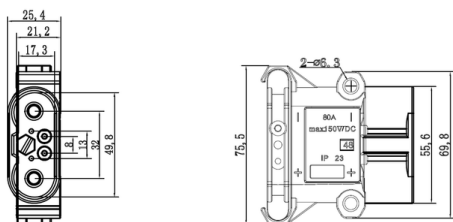
## 技术参数 Technical Data

- |                          |                |                          |              |
|--------------------------|----------------|--------------------------|--------------|
| • 额定电流:                  | 80A            | • 端子接线方式:                | 铆压           |
| • Rated current:         | 80A            | • Terminal Connection:   | Riveting     |
| • 额定电压:                  | 150V DC        | • 盐雾测试:                  | 48 H         |
| • Rated voltage:         | 150V DC        | • Salt spray resistance  | 48 H         |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC     |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC     |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥3000 次      |
| • Flame retardant rating | UL94V-0        | • Flame retardant rating | ≥3000 cycles |
| • 使用环境:                  | -40°C ~ +105°C | • 拔出力:                   | ≥3N          |
| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N          |
| • 防护等级:                  | IP23 (公母互配后)   | • 环保等级:                  | RoHS         |
| • IP grade:              | IP23 (mated)   | • Environmental grade:   | RoHS         |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T:  | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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Recommended Panel Mounting Dimensions

## HLK-405

- 80A 电源\*2PIN+信号\*4PIN 连接器 母
- 80A Power\*2+Signal\*4 Connector Female

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability

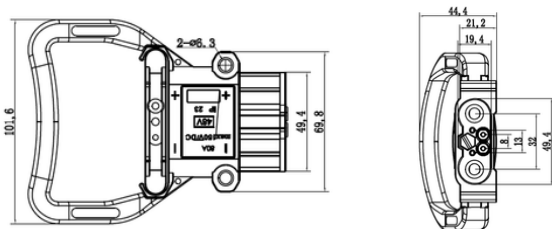
## 技术参数 Technical Data

- |                          |                |                          |              |
|--------------------------|----------------|--------------------------|--------------|
| • 额定电流:                  | 80A            | • 端子接线方式:                | 铆压           |
| • Rated current:         | 80A            | • Terminal Connection:   | Riveting     |
| • 额定电压:                  | 150V DC        | • 盐雾测试:                  | 48 H         |
| • Rated voltage:         | 150V DC        | • Salt spray resistance  | 48 H         |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC     |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC     |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥3000 次      |
| • Flame retardant rating | UL94V-0        | • Flame retardant rating | ≥3000 cycles |
| • 使用环境:                  | -40°C ~ +105°C | • 拔出力:                   | ≥3N          |
| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N          |
| • 防护等级:                  | IP23 (公母互配后)   | • 环保等级:                  | RoHS         |
| • IP grade:              | IP23 (mated)   | • Environmental grade:   | RoHS         |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T:  | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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## HLK-406

- 160A 电源\*2PIN+信号\*4PIN 连接器 公
- 160A Power\*2+Signal\*4 Connector Male

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability

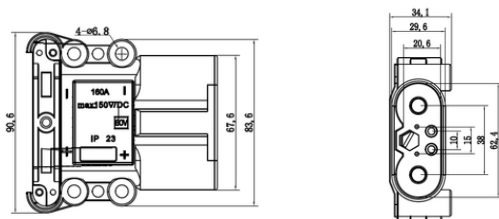
## 技术参数 Technical Data

- |                          |                |                          |              |
|--------------------------|----------------|--------------------------|--------------|
| • 额定电流:                  | 160A           | • 端子接线方式:                | 铆压           |
| • Rated current:         | 160A           | • Terminal Connection:   | Riveting     |
| • 额定电压:                  | 150V DC        | • 盐雾测试:                  | 48 H         |
| • Rated voltage:         | 150V DC        | • Salt spray resistance  | 48 H         |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC     |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC     |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥3000 次      |
| • Flame retardant rating | UL94V-0        | • Flame retardant rating | ≥3000 cycles |
| • 使用环境:                  | -40°C ~ +105°C | • 拔出力:                   | ≥3N          |
| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N          |
| • 防护等级:                  | IP23 (公母互配后)   | • 环保等级:                  | RoHS         |
| • IP grade:              | IP23 (mated)   | • Environmental grade:   | RoHS         |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T:  | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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## HLK-407

- 160A 电源\*2PIN+信号\*4PIN 连接器 母
- 160A Power\*2+Signal\*4 Connector Female

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability

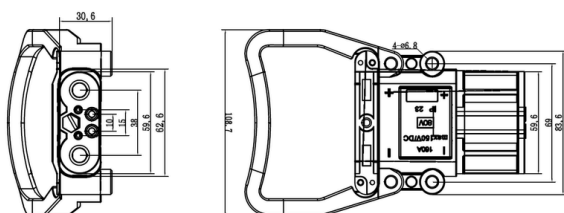
## 技术参数 Technical Data

- |                          |                |                          |              |
|--------------------------|----------------|--------------------------|--------------|
| • 额定电流:                  | 160A           | • 端子接线方式:                | 铆压           |
| • Rated current:         | 160A           | • Terminal Connection:   | Riveting     |
| • 额定电压:                  | 150V DC        | • 盐雾测试:                  | 48 H         |
| • Rated voltage:         | 150V DC        | • Salt spray resistance  | 48 H         |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC     |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC     |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥3000 次      |
| • Flame retardant rating | UL94V-0        | • Flame retardant rating | ≥3000 cycles |
| • 使用环境:                  | -40°C ~ +105°C | • 拔出力:                   | ≥3N          |
| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N          |
| • 防护等级:                  | IP23 (公母互配后)   | • 环保等级:                  | RoHS         |
| • IP grade:              | IP23 (mated)   | • Environmental grade:   | RoHS         |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T:  | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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## HLK-408

- 320A 电源\*2PIN+信号\*4PIN 连接器 公
- 320A Power\*2+Signal\*4 Connector Male

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability



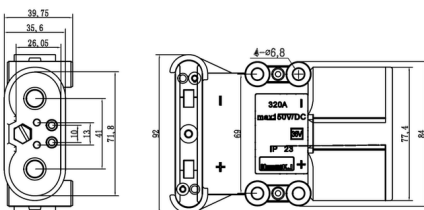
## 技术参数 Technical Data

- |                          |                |                          |              |
|--------------------------|----------------|--------------------------|--------------|
| • 额定电流:                  | 320A           | • 端子接线方式:                | 铆压           |
| • Rated current:         | 320A           | • Terminal Connection:   | Riveting     |
| • 额定电压:                  | 150V DC        | • 盐雾测试:                  | 48 H         |
| • Rated voltage:         | 150V DC        | • Salt spray resistance  | 48 H         |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC     |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC     |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥3000 次      |
| • Flame retardant rating | UL94V-0        | • Flame retardant rating | ≥3000 cycles |
| • 使用环境:                  | -40°C ~ +105°C | • 拔出力:                   | ≥3N          |
| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N          |
| • 防护等级:                  | IP23 (公母互配后)   | • 环保等级:                  | RoHS         |
| • IP grade:              | IP23 (mated)   | • Environmental grade:   | RoHS         |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T:  | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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## HLK-409

- 320A 电源\*2PIN+信号\*4PIN 连接器 母
- 320A Power\*2+Signal\*4 Connector Female

## 应用领域 Application Areas

- 电动工具设备充放电连接器
- Charge/discharge connectors for power tool equipment

## 产品功能特点 Product Points

- 兼容性高
- High compatibility
- 快速直接插拔
- Fast direct plugging and unplugging
- 可靠，稳定性高
- High reliability and stability

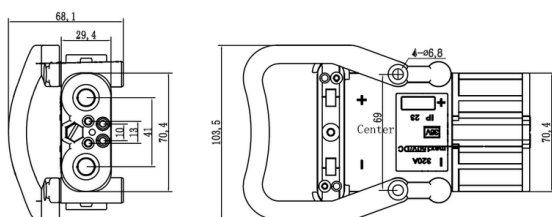
## 技术参数 Technical Data

- |                          |                |                          |              |
|--------------------------|----------------|--------------------------|--------------|
| • 额定电流:                  | 320A           | • 端子接线方式:                | 铆压           |
| • Rated current:         | 320A           | • Terminal Connection:   | Riveting     |
| • 额定电压:                  | 150V DC        | • 盐雾测试:                  | 48 H         |
| • Rated voltage:         | 150V DC        | • Salt spray resistance  | 48 H         |
| • 绝缘电阻:                  | ≥10MΩ          | • 耐电压 :                  | 2500V AC     |
| • Insulation resistance: | ≥10MΩ          | • Withstand voltage :    | 2500V AC     |
| • 阻燃等级:                  | UL94V-0        | • 机械寿命:                  | ≥3000 次      |
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| • Operating temperature: | -40°C ~ +105°C | • Pull-out force:        | ≥3N          |
| • 防护等级:                  | IP23 (公母互配后)   | • 环保等级:                  | RoHS         |
| • IP grade:              | IP23 (mated)   | • Environmental grade:   | RoHS         |

## 商务条款 Terms of business

- |         |             |                      |           |
|---------|-------------|----------------------|-----------|
| • 起订量:  | 1 pcs       | • 交货条款:              | Ex works  |
| • MOQ   | 1 pcs       | • Terms of delivery: | Ex works  |
| • 交货周期: | 2周 (紧急订单1周) | • 海关编码:              | 854422100 |
| • L/T:  | 2 weeks     | • HS code:           | 854422100 |

## 产品尺寸 Product dimension



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