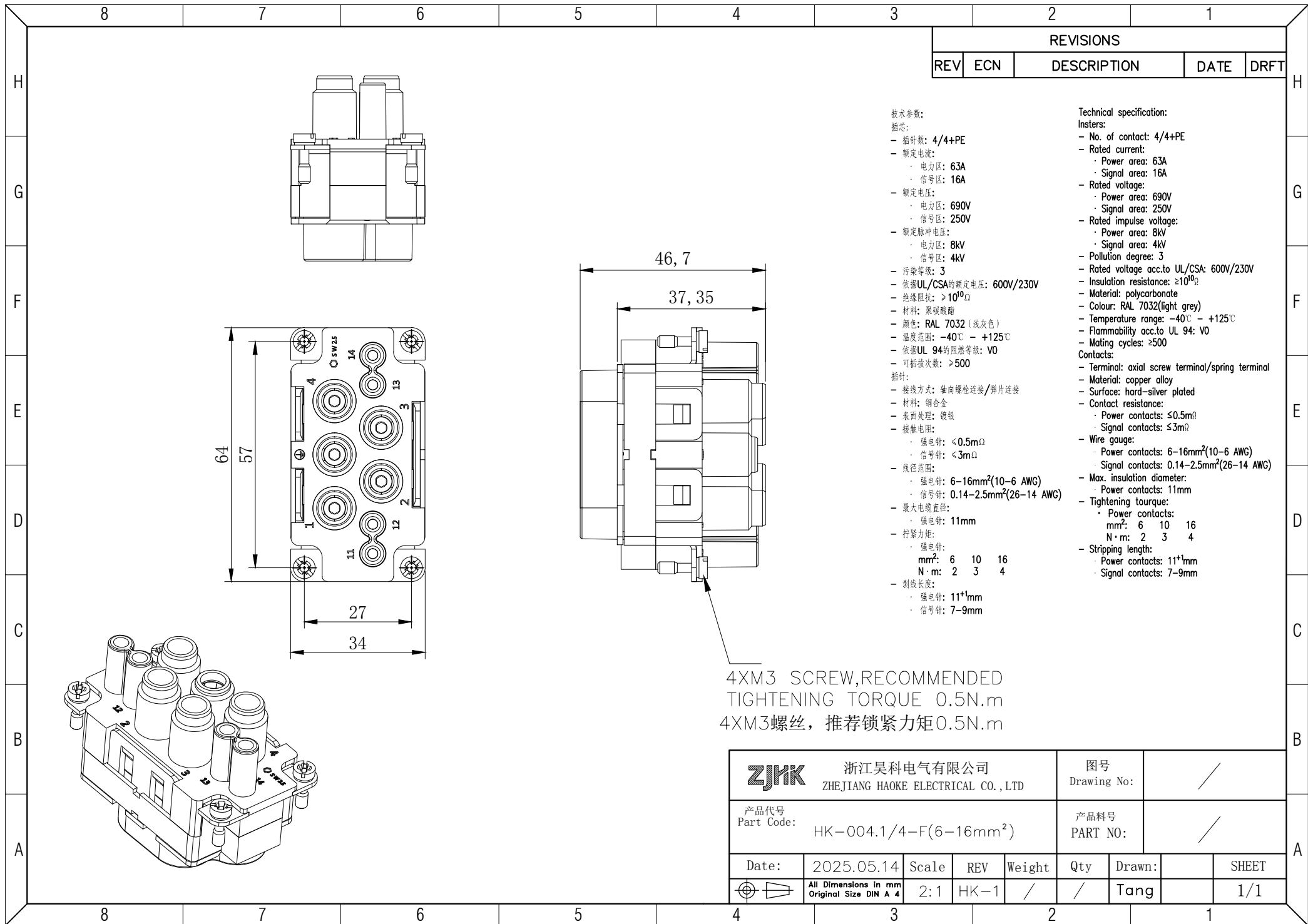




| REVISIONS |     |             |      |      |
|-----------|-----|-------------|------|------|
| REV       | ECN | DESCRIPTION | DATE | DRFT |

- 技术参数:

插芯:

  - 插针数: 4/4+PE
  - 额定电流:
    - 电力区: 63A
    - 信号区: 16A
  - 额定电压:
    - 电力区: 690V
    - 信号区: 250V
  - 额定脉冲电压:
    - 电力区: 8kV
    - 信号区: 4kV
  - 污染等级: 3
  - 依据UL/CSA的额定电压: 600V/230V
  - 绝缘阻抗:  $>10^{10}\Omega$
  - 材料: 聚碳酸酯
  - 颜色: RAL 7032 (浅灰色)
  - 温度范围:  $-40^{\circ}\text{C}$  -  $+125^{\circ}\text{C}$
  - 依据UL 94的阻燃等级: V0
  - 可插拔次数:  $>500$

插针:

  - 接线方式: 轴向螺栓连接/弹片连接
  - 材料: 铜合金
  - 表面处理: 镀银
  - 接触电阻:
    - 强电针:  $\leq 0.5\text{m}\Omega$
    - 信号针:  $\leq 3\text{m}\Omega$
  - 线径范围:
    - 强电针: 6-16mm<sup>2</sup>(10-6 AWG)
    - 信号针: 0.14-2.5mm<sup>2</sup>(26-14 AWG)
  - 最大电缆直径:
    - 强电针: 11mm
  - 拧紧力矩:
    - 强电针:

|                   |   |    |    |
|-------------------|---|----|----|
| mm <sup>2</sup> : | 6 | 10 | 16 |
| N·m:              | 2 | 3  | 4  |
  - 剥线长度:
    - 强电针: 11+1mm
    - 信号针: 7-9mm
- Technical specification:

Inserts:

  - No. of contact: 4/4+PE
  - Rated current:
    - Power area: 63A
    - Signal area: 16A
  - Rated voltage:
    - Power area: 690V
    - Signal area: 250V
  - Rated impulse voltage:
    - Power area: 8kV
    - Signal area: 4kV
  - Pollution degree: 3
  - Rated voltage acc.to UL/CSA: 600V/230V
  - Insulation resistance:  $\geq 10^{10}\Omega$
  - Material: polycarbonate
  - Colour: RAL 7032(light grey)
  - Temperature range:  $-40^{\circ}\text{C}$  -  $+125^{\circ}\text{C}$
  - Flammability acc.to UL 94: V0
  - Mating cycles:  $\geq 500$

Contacts:

  - Terminal: axial screw terminal/spring terminal
  - Material: copper alloy
  - Surface: hard-silver plated
  - Contact resistance:
    - Power contacts:  $\leq 0.5\text{m}\Omega$
    - Signal contacts:  $\leq 3\text{m}\Omega$
  - Wire gauge:
    - Power contacts: 6-16mm<sup>2</sup>(10-6 AWG)
    - Signal contacts: 0.14-2.5mm<sup>2</sup>(26-14 AWG)
  - Max. insulation diameter:
    - Power contacts: 11mm
  - Tightening torque:
    - Power contacts:

|                   |   |    |    |
|-------------------|---|----|----|
| mm <sup>2</sup> : | 6 | 10 | 16 |
| N·m:              | 2 | 3  | 4  |
  - Stripping length:
    - Power contacts: 11+1mm
    - Signal contacts: 7-9mm

4XM3 SCREW,RECOMMENDED  
TIGHTENING TORQUE 0.5N.m  
4XM3螺丝, 推荐锁紧力矩0.5N.m

|                                                             |                                               |       |     |        |                   |        |   |       |
|-------------------------------------------------------------|-----------------------------------------------|-------|-----|--------|-------------------|--------|---|-------|
| <b>ZJHK</b> 浙江昊科电气有限公司<br>ZHEJIANG HAOKE ELECTRICAL CO.,LTD |                                               |       |     |        | 图号<br>Drawing No: |        | / |       |
| 产品代号<br>Part Code: HK-004.1/4-F(6-16mm <sup>2</sup> )       |                                               |       |     |        | 产品料号<br>PART NO:  |        | / |       |
| Date:                                                       | 2025.05.14                                    | Scale | REV | Weight | Qty               | Drawn: |   | SHEET |
|                                                             | All Dimensions in mm<br>Original Size DIN A 4 |       | 2:1 | HK-1   | /                 | Tang   |   | 1/1   |