

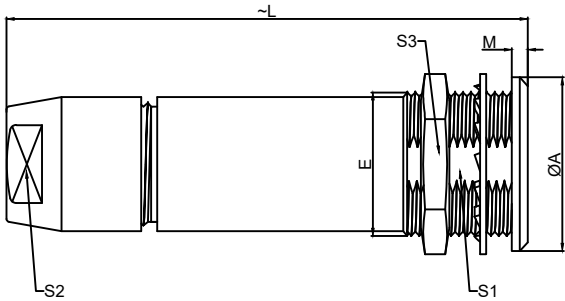
1.View and size(视图及尺寸)

| Main technical indicators(主要技术指标) |                                                                                                          |
|-----------------------------------|----------------------------------------------------------------------------------------------------------|
| 1.Mating (插拔次数)                   | 5000                                                                                                     |
| 2.Working Temperature (温度)        | -55~+150 ℃                                                                                               |
| 3.IP Rating (防护级别)                | IP 50                                                                                                    |
| 4.Diameter of socket end(插合端直径)   | φ1.6                                                                                                     |
| 5.Testing Voltage (测试电压)          | 1600V                                                                                                    |
| 6.Working Voltage (工作电压)          | 1150V                                                                                                    |
| 7.Rated Current (额定电流)            | 17A                                                                                                      |
| 8.Shell material(壳体材质)            | Brass (chromium-plated) shell and nut/(nickel-plated) lock sleeve and middleware/黄铜（镀铬）外壳和螺母/(镀镍)锁套筒和中间件 |
| 9.Pin Material(插针材料)              | Copper alloy gold plating(铜合金镀金)                                                                         |
| 10.Insulator material(绝缘体材质)      | PPS                                                                                                      |

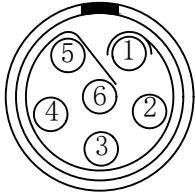
| Sum up(总结)                 |                                                                 |
|----------------------------|-----------------------------------------------------------------|
| Series(系列)                 | B                                                               |
| Shell style/model（外壳样式/型号） | MKG: Fixed receptacle, nut fixing, cable collet(固定插座，螺母固定，电缆夹头) |
| Button（按键）                 | A button(一个按键)                                                  |
| Termination type（终止类型）     | Mother solder tin(母焊锡)                                          |
| Line diameter awg(线材直径)    | 24-16AWG                                                        |
| Cable diameterφ（电缆直径）      | φ6.3-7.2MM                                                      |
| Match plug(匹配插头)           | TGG.3B.P06.CLAD72                                               |

| Location pin combination(定位销组合) |                                      |               |                         |
|---------------------------------|--------------------------------------|---------------|-------------------------|
| (编号)<br>Nunder                  | Number of<br>positioning pins(定位销数量) | Angle(<br>角度) | Series(系列)--3B          |
| G                               | One(1)                               |               | (Zero degrees)0°        |
| A                               | Two(2)                               | A             | Thirty degrees(30°)     |
| B                               | Two(2)                               |               | Forty-five degrees(45°) |
| C                               | Two(2)                               |               | Sixty degrees(60°)      |
| D                               | Two(2)                               | γ             | 95 degrees（95°）         |
| E                               | Two(2)                               | β             | 120 degrees(120°)       |
| F                               | Two(2)                               |               | 145 degrees(145°)       |
| J                               | Two(2)                               | A             | 37.5degrees(37.5°)      |
| K                               | Two(2)                               |               | 52.5degrees(52.5°)      |
| L                               | Two(2)                               | γ             | Seventy degrees(70°)    |

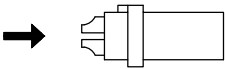
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20% | ±0.25% |         |       |



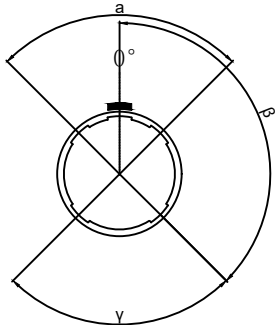
|    | φA     | e      | L      | M      | S1     | S2     | S3     |
|----|--------|--------|--------|--------|--------|--------|--------|
| MM | φ22    | M18*1  | 56.0   | 2.0    | 16.5   | 14.0   | 22.0   |
| in | 0.8661 | 0.0000 | 2.2047 | 0.0787 | 0.6496 | 0.5512 | 0.8661 |



Welded surface  
(焊接面)



(Welded mother  
adhesive core)  
焊接型母胶芯



Positive view of the socket  
(插座正视图)

MK G. 3B. P06.C L L D 72

|                                 |    |    |     |       |   |   |   |    |
|---------------------------------|----|----|-----|-------|---|---|---|----|
| Model(型号)                       | MK | G. | 3B. | P06.C | L | L | D | 72 |
| Positioning pin(定位销)            |    |    |     |       |   |   |   |    |
| Series(系列)                      |    |    |     |       |   |   |   |    |
| Needle core configuration(针芯配置) |    |    |     |       |   |   |   |    |
| Outer casing(外壳)                |    |    |     |       |   |   |   |    |
| Insulator(绝缘体)                  |    |    |     |       |   |   |   |    |
| Needle core(针芯)                 |    |    |     |       |   |   |   |    |
| Type of clamp(线夹类型)             |    |    |     |       |   |   |   |    |
| Cable diameter(电缆直径)            |    |    |     |       |   |   |   |    |

|                                  |  |           |                                      |               |                                                                                       |                                       |           |               |
|----------------------------------|--|-----------|--------------------------------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------|-----------|---------------|
| DESIGNED (设计)                    |  | DATE (日期) |                                      | SCALE (比额)    | N/A (不适用)                                                                             | MODEL TYPE<br>型号类型: MKG.3B.P06.CLLD72 |           |               |
| CHECKED (校对)                     |  | DATE (日期) |                                      | VIEW (视图)     |  | PART NO. 3B6 core socket              |           |               |
| APPROVED (审核)                    |  | DATE (日期) |                                      | UNIT (单位)     | MM                                                                                    | 名称: 3B6芯插座                            |           |               |
| REVISIONS                        |  |           |                                      | MATERIAL (材料) |                                                                                       | DWG NO.:                              |           |               |
| www.helloxkb.com www.helloxkb.cn |  |           | XKB INDUSTRIAL PRECISION CO.,LIMITED |               |                                                                                       | WEIGHT (重量)                           | SHEET (表) | REVISION (修订) |
|                                  |  |           |                                      |               |                                                                                       |                                       | 1/1       | A0            |