

### 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)   | φ0.9                                                                           |
| 5.Testing Voltage (测试电压)          | 1200V                                                                          |
| 6.Working Voltage (工作电压)          | 900V                                                                           |
| 7.Rated Current (额定电流)            | 4.5A                                                                           |
| 8.Shell material(壳体材质)            | Brass (chromium plating)/(nickel plating) fixation ring/<br>黄铜（镀铬）/(镀镍)<br>固定圈 |
| 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                                                                            |

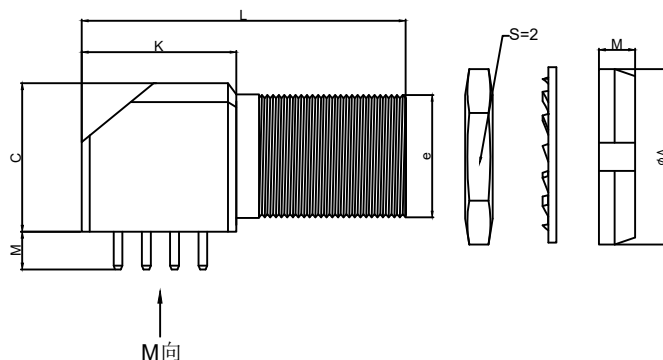
### Sum up(总结)

|                             |                                                                                                                                    |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Series(系列)                  | B                                                                                                                                  |
| Shell style/model (外壳样式/型号) | ZXG:Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)/带两个螺母的印刷电路弯头插座, 焊料或螺钉固定, 背板安装 |
| Button (按键)                 | A button(一个按键)                                                                                                                     |
| Termination type (终止类型)     | Female print 90°PCB(印刷90° PCB)                                                                                                     |
| Line diameter awg(线材直径)     | 22AWG-30AWG                                                                                                                        |
| Cable diameterφ (电缆直径)      | 0-0                                                                                                                                |
| Match plug(匹配插头)            | TGG.0B.P03.CLAD52H                                                                                                                 |

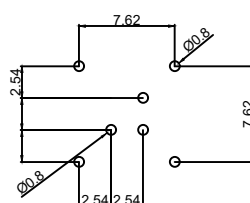
## Location pin combination(定位销组合)

| (编号)<br>Numder | Number of<br>positioning pins(定位销数量) | Angle(<br>角度) | Series(系列)--0B             |
|----------------|--------------------------------------|---------------|----------------------------|
| G              | One(1)                               |               | (Zero degrees)0°           |
| A              | Two(2)                               | A             | Thirty degrees(30°)        |
| B              | Two(2)                               |               | Sixty degrees(60°)         |
| C              | Two(2)                               |               | Ninety degrees(90°)        |
| D              | Two(2)                               | β             | 135 degrees(135°)          |
| E              | Two(2)                               |               | 145 degrees(145°)          |
| F              | Two(2)                               |               | 155 degrees(155°)          |
| J              | Two(2)                               | γ             | Forty-five<br>degrees(45°) |
| K              | Two(2)                               |               | Seventy degrees(70°)       |
| L              | Two(2)                               |               | 80 degrees(80°)            |

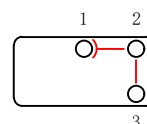
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



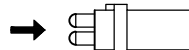
|    |        |        |        |      |        |       |        |        |
|----|--------|--------|--------|------|--------|-------|--------|--------|
|    | A      | L      | K      | C    | e      | M     | H      | S2     |
| MM | 12     | 25.0   | 13.3   | 12.7 | M9*0.6 | 3.2   | 2.5    | 11     |
| in | 0.4725 | 0.9843 | 0.5236 | 0.5  |        | 0.126 | 0.0985 | 0.4331 |



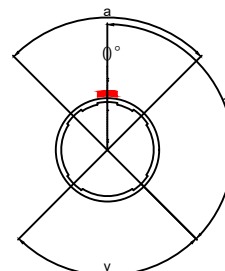
Pcb plate opening size  
(PCB板开孔尺寸)



M-directional layout  
(M向排版位)



Boarded mother adhesive core  
(板接型母胶芯)



Positive view of the socket  
(插座正视图)

ZX G.0B.P03.H L N

Model(型号)

### 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)

|                                  |  |          |                                      |               |                                                                                       |                                    |
|----------------------------------|--|----------|--------------------------------------|---------------|---------------------------------------------------------------------------------------|------------------------------------|
| DESIGNED(设计)                     |  | DATE(日期) |                                      | SCALE(比例)     | N/A(不适用)                                                                              | MODEL TYPE<br>型号类型: ZXG.0B.P03.HLN |
| CHECKED(校对)                      |  | DATE(日期) |                                      | VIEW(视图)      |  | PART NO. 0B3-core socket           |
| APPROVED(审核)                     |  | DATE(日期) |                                      | UNIT(单位)      | MM                                                                                    | 名称: 0B3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) 1/1                       |
|                                  |  |          |                                      |               |                                                                                       | REVISION(修订) A0                    |