

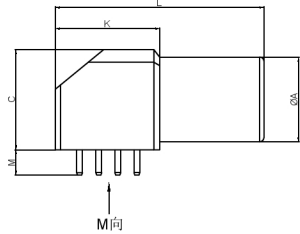
1.View and size(视图及尺寸)

| 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)          | 1250V                                                                          |
| 6.Working Voltage (工作电压)          | 1150V                                                                          |
| 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) 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                                                                            |

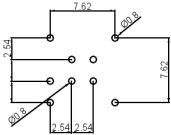
| Sum up(总结)                  |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| Series(系列)                  | B                                                                                      |
| Shell style/model (外壳样式/型号) | ZPG: Elbow receptacle for printed circuit (solder or screw fixing) /印刷电路用弯头插座, 焊接或螺丝固定 |
| 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)     | 20AWG-28AWG                                                                            |
| Cable diameterφ (电缆直径)      | 0-0                                                                                    |
| Match plug(匹配插头)            | TGG.1B.P05.CLAD52H                                                                     |

| Location pin combination (定位销组合) |                                   |           |                         |
|----------------------------------|-----------------------------------|-----------|-------------------------|
| 编号<br>Number                     | Number of positioning pins(定位销数量) | Angle(角度) | Series(系列)-1B           |
| G                                | One(1)                            | A         | (Zero degrees)0°        |
| A                                | Two(2)                            |           | 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)                            | Y         | Forty-five degrees(45°) |
| K                                | Two(2)                            |           | Seventy degrees(70°)    |
| L                                | Two(2)                            |           | 80 degrees(80°)         |

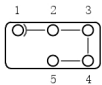
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



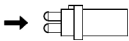
|    | A     | L     | K      | C      | M     |
|----|-------|-------|--------|--------|-------|
| MM | 11    | 27.0  | 13.3   | 14     | 3.2   |
| in | 0.433 | 1.063 | 0.5236 | 0.5512 | 0.126 |



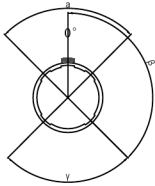
Pcb plate opening size  
(PCB板开孔尺寸)



M-directional layout  
(M向排板位)



Boarded mother adhesive core  
(板接型母胶芯)



Positive view of the socket  
(插座正视图)

Model(型号) ZPG.1B.P05.H L N  
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: ZPG.1B.P05.HLN |
| CHECKED (校对)                   |  | DATE(日期) |  | VIEW(视图)                             |          | PART NO.<br>名称: 1B5 core socket    |
| APPROVED (审核)                  |  | DATE(日期) |  | UNIT(单位)                             | MM       | 1B5 芯插座                            |
| REVISIONS                      |  |          |  | MATERIAL (材料)                        |          | DWG NO.:                           |
| www.helloxb.com www.helloxb.cn |  |          |  | XKB INDUSTRIAL PRECISION CO.,LIMITED |          | WEIGHT(重量) SHEET(张) REVISION(修订)   |
|                                |  |          |  |                                      |          | 1/1 A0                             |