

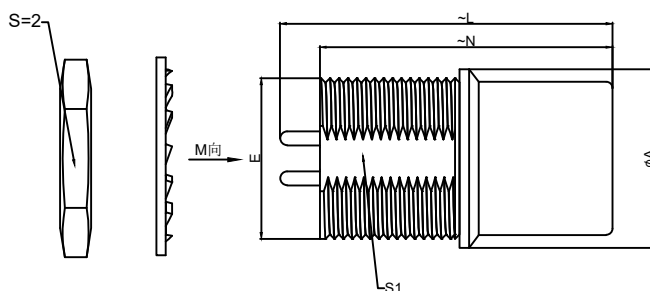
## 1.View and size(视图及尺寸)

| 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)   | φ0.5                                                                      |
| 5.Testing Voltage (测试电压)          | 800V                                                                      |
| 6.Working Voltage (工作电压)          | 1200V                                                                     |
| 7.Rated Current (额定电流)            | 2.0A                                                                      |
| 8.Shell material(壳体材质)            | Brass (chromium plating)/(nickel plating) fixation ring/ 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                                                                       |

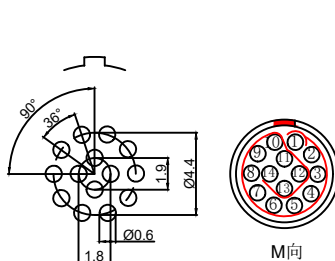
| Sum up(总结)                  |                                                                 |
|-----------------------------|-----------------------------------------------------------------|
| Series(系列)                  | B                                                               |
| Shell style/model (外壳样式/型号) | ZHG:Protruded housing with a nut (rear fixed)凸出式外壳 带有一个螺母 (后固定) |
| 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)     | 34~28AWG                                                        |
| Cable diameterφ (电缆直径)      | 0-0                                                             |
| Match plug(匹配插头)            | TGG.1B.P14.CLAD52H                                              |

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

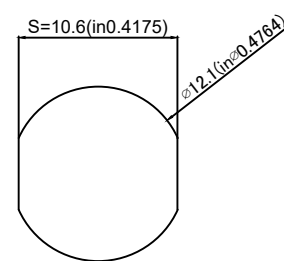
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



|    | A     | L    | E     | N    | S1   | S2   |
|----|-------|------|-------|------|------|------|
| MM | φ14   | 22.9 | M12*1 | 19.5 | 10.5 | 14   |
| in | φ0.55 | 0.90 |       | 0.77 | 0.41 | 0.55 |



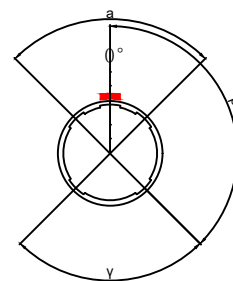
Pcb plate opening size  
(PCB板开孔尺寸)



Pane hole size  
(面板开孔尺寸)



Boarded mother adhesive core  
(板接型母胶芯)



Positive view of the socket  
(插座正视图)

ZH G.1B.P14.C 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: ZHG.1B.P14.CLN       |
| CHECKED(校对)                      |  | DATE(日期) |                                      | VIEW(视图)      |          | PART NO. 1B14 core socket<br>名称: 1B14芯插座 |
| APPROVED(审核)                     |  | DATE(日期) |                                      | UNIT(单位)      | MM       | DWG NO.:                                 |
| REVISIONS                        |  |          |                                      | MATERIAL (材料) |          |                                          |
| www.helloxkb.com www.helloxkb.cn |  |          | XKB INDUSTRIAL PRECISION CO.,LIMITED |               |          | WEIGHT(重量) SHEET(表) REVISION(修订)         |
|                                  |  |          |                                      |               |          | 1/1 A0                                   |