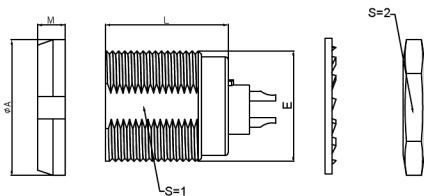


## 1.View and size(视图及尺寸)

| 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)            | 9A                                                                      |
| 8.Shell material(壳体材质)            | Brass (chromium plating)/(nickel plating) fixation ring/黄铜(镀铬)/A(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) | ZCG:With two nuts (fixed back and forth)带有两个螺母(前后固定) |
| 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)     | 30AWG-22AWG                                          |
| Cable diameterφ (电缆直径)      | 0-0                                                  |
| Match plug(匹配插头)            | TGG.1B.P05.CLAD52H                                   |

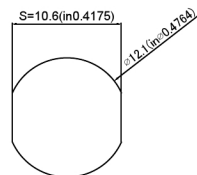
| Location pin combination (定位销组合) |                                      |           |                         |               |
|----------------------------------|--------------------------------------|-----------|-------------------------|---------------|
| (编号)<br>Numder                   | Number of<br>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    | E     | M    | S1   | S2   |
|----|------|------|-------|------|------|------|
| MM | 16   | 16.5 | M12*1 | 3.5  | 10.5 | 14   |
| in | 0.63 | 0.65 |       | 0.14 | 0.41 | 0.55 |



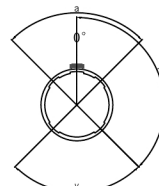
Welded surface  
(焊接面)



Panel hole size  
(面板开孔尺寸)



(Welded mother  
adhesive core)  
焊接型母胶芯



Positive view of the socket  
(插座正视图)

|                                 |                  |
|---------------------------------|------------------|
| Model(型号)                       | ZCG.1B.P05.C.L.L |
| Positioning pin(定位销)            | L                |
| Series(系列)                      | C                |
| Needle core configuration(针芯配置) | B                |
| Outer casing(外壳)                | G                |
| Insulator(绝缘体)                  | 1                |
| Needle core(针芯)                 | L                |

|                                  |  |          |  |                                      |          |                                        |
|----------------------------------|--|----------|--|--------------------------------------|----------|----------------------------------------|
| DESIGNED (设计)                    |  | DATE(日期) |  | SCALE(比例)                            | N/A(不适用) | MODEL TYPE<br>型号类型: ZCG.1B.P05.CLL     |
| CHECKED (校对)                     |  | DATE(日期) |  | VIEW(视图)                             |          | PART NO. 1B5 core socket<br>名称: 1B5芯插座 |
| APPROVED (审核)                    |  | DATE(日期) |  | UNIT(单位)                             | MM       | DWG NO.:                               |
| REVISIONS                        |  |          |  | MATERIAL (材料)                        |          | WEIGHT(重量) SHEET(张) REVISION(修订)       |
| www.helloxkb.com www.helloxkb.cn |  |          |  | XKB INDUSTRIAL PRECISION CO.,LIMITED |          | 1/1 A0                                 |