

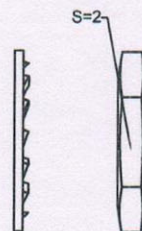
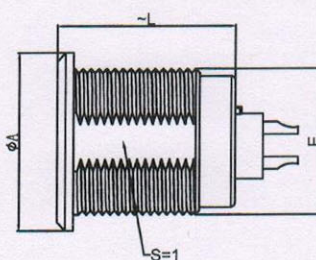
# 1.View and size(视图及尺寸)

| 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)   | φ2.0                                                                   |
| 5.Testing Voltage (测试电压)          | 1900V                                                                  |
| 6.Working Voltage (工作电压)          | 1500V                                                                  |
| 7.Rated Current (额定电流)            | 25A                                                                    |
| 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) | ZGG:With a nut (post-fixed)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)     | 22-14 AWG                              |
| Cable diameterφ (电缆直径)      | φ4.3-11.9MM                            |
| Match plug(匹配插头)            | TGG.3B.P03.CLAD92H                     |

| 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)-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°)    |

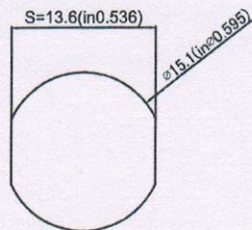
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



|    | A     | L    | E     | S1   | S2   |
|----|-------|------|-------|------|------|
| MM | φ21   | 22   | M18*1 | 16.5 | 22   |
| in | φ0.83 | 0.87 |       | 0.65 | 0.87 |



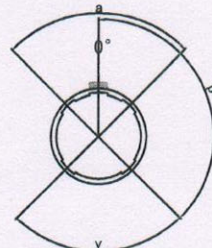
Welded surface  
(焊接面)



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)

ZG G.3B.P03.C L L

|                                 |                   |
|---------------------------------|-------------------|
| Model(型号)                       | ZG G.3B.P03.C L L |
| 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: ZGG.3B.P03.CLL     |
| CHECKED (校对)                     |  | DATE(日期)                             |  | VIEW(视图)      |          | PART NO. 3B3 core socket<br>名称: 3B3芯插座 |
| APPROVED (审核)                    |  | DATE(日期)                             |  | UNIT(单位)      | MM       | DWG NO.:                               |
| REVISIONS                        |  | 文件工程章                                |  | MATERIAL (材料) |          | WEIGHT(重量)                             |
| www.helloxkb.com www.helloxkb.cn |  | XKB INDUSTRIAL PRECISION CO.,LIMITED |  | SHEET(表)      |          | REVISION(修订)                           |
|                                  |  |                                      |  | 1/1           |          | A0                                     |