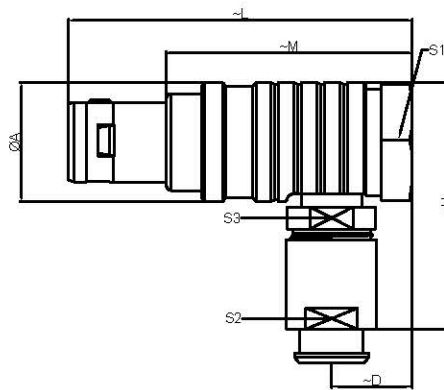


| Main technical indicators(主要技术指标) |                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 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(插座端直径)   | φ3.0                                                                                                                  |
| 5.Testing Voltage (测试电压)          | 2100V                                                                                                                 |
| 6.Working Voltage (工作电压)          | 1550V                                                                                                                 |
| 7.Rated Current (额定电流)            | 35A                                                                                                                   |
| 8.Shell material(壳体材质)            | Brass (chromium plating) shell and chuck nut/( nickel plating) pin sleeve and middleware/黄铜 (镀铬) 外壳和夹头螺母/ (镀镍)插销套和中间件 |
| 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                                                                                                                   |

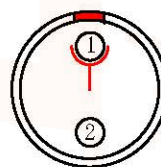
| Sum up(总结)                  |                                       |
|-----------------------------|---------------------------------------|
| Series(系列)                  | B                                     |
| Shell style/model (外壳样式/型号) | THG: Elbow plug, cable collet/ 电缆夹头弯头 |
| Button (按键)                 | A button(一个按键)                        |
| Termination type (终止类型)     | Male solder(公焊锡)                      |
| Line diameter awg(线材直径)     | 18-10 AWG                             |
| Cable diameterφ (电缆直径)      | φ4.3-5.2MM                            |
| Matching parts(配件)          | ZGG.3B.P02.CLL                        |

| 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°)    |

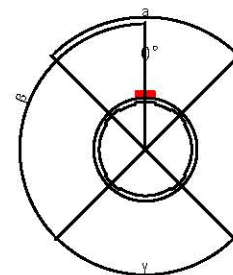
|        | A      | B      | C/     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



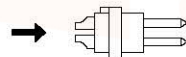
|    | A     | D      | H      | L      | M     | S1     | S2     | S3     |
|----|-------|--------|--------|--------|-------|--------|--------|--------|
| MM | 19    | 10     | 36     | 50.0   | 35    | 17     | 15     | 15     |
| in | 0.748 | 0.3937 | 1.4173 | 1.9685 | 1.378 | 0.6693 | 0.5906 | 0.5906 |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

TH G. 3B. P02. C L A D 52 H

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)

Type of clamp(线夹类型)

Cable diameter(电缆直径)

SH means a sheath type, not a cover type.

(H表示护套型, 不表示为不带护套型)

|                                  |  |                                      |  |               |            |                                           |
|----------------------------------|--|--------------------------------------|--|---------------|------------|-------------------------------------------|
| DESIGNED (设计)                    |  | DATE(日期)                             |  | SCALE(比例)     | N/A(不适用)   | MODEL TYPE<br>型号类型: THG.3B.P02.CLA D 52 H |
| CHECKED (校对)                     |  | DATE(日期)                             |  | VIEW(视图)      |            | PART NO.: 3B2-core plug<br>名称: 3B2芯插头     |
| 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)                                  |
|                                  |  |                                      |  |               | 1/1        | REVISION(修订)<br>A0                        |