

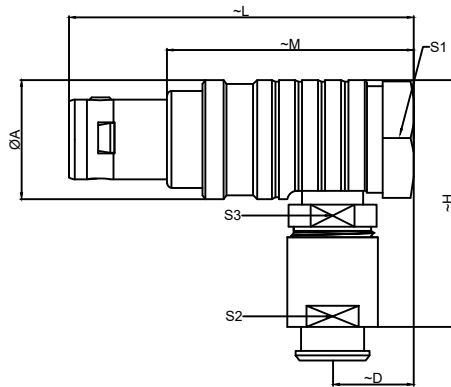
| Main technical indicators(主要技术指标) |                                                                                                                    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 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)   | φ1.6                                                                                                               |
| 5.Testing Voltage (测试电压)          | 2400V                                                                                                              |
| 6.Working Voltage (工作电压)          | 1850V                                                                                                              |
| 7.Rated Current (额定电流)            | 17A                                                                                                                |
| 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)    | 24~16AWG                              |
| Cable diameterφ（电缆直径）      | φ3.3-4.2MM                            |
| Matching parts(配件)         | ZGG.2B.P03.CLL                        |

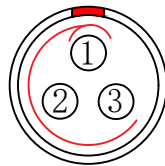
| Location pin combination (定位销组合) |                                      |           |                         |
|----------------------------------|--------------------------------------|-----------|-------------------------|
| (编号)<br>Nunder                   | Number of<br>positioning pins(定位销数量) | Angle(角度) | Series(系列)~2B           |
| 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% |         |       |

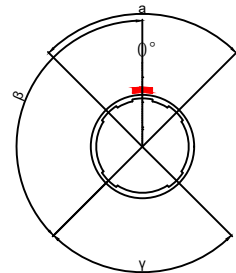
|                                  |  |          |                                      |               |                                                                                       |                                         |
|----------------------------------|--|----------|--------------------------------------|---------------|---------------------------------------------------------------------------------------|-----------------------------------------|
| DESIGNED (设计)                    |  | DATE(日期) |                                      | SCALE(比额)     | N/A(不适用)                                                                              | MODEL TYPE<br>型号类型: THG.2B.P03.CLAD.42H |
| CHECKED (校对)                     |  | DATE(日期) |                                      | VIEW(视图)      |  | PART NO. 2B3-core plug<br>名称: 2B3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) REVISION(修订)        |
|                                  |  |          |                                      |               |                                                                                       | 1/1 A0                                  |



|    | A      | D      | H      | L      | M      | S1     | S2     | S3     |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| MM | 16.5   | 9      | 33     | 41.5   | 29.5   | 14     | 12     | 13     |
| in | 0.6496 | 0.3543 | 1.2992 | 1.6339 | 1.1615 | 0.5512 | 0.4725 | 0.5118 |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

TH G. 2B. P03.C L A D 42 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)