

## 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(插头端直径) | φ0.9                                                                                  |
| 5.Testing Voltage (测试电压)        | 1450V                                                                                 |
| 6.Working Voltage (工作电压)        | 1300V                                                                                 |
| 7.Rated Current (额定电流)          | 8A                                                                                    |
| 8.Shell material(壳体材质)          | Brass (chromium plating) shell and chuck nut/(镀铬)外壳和夹头螺母/<br>middleware/黄铜(镀铬)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                                                                                   |

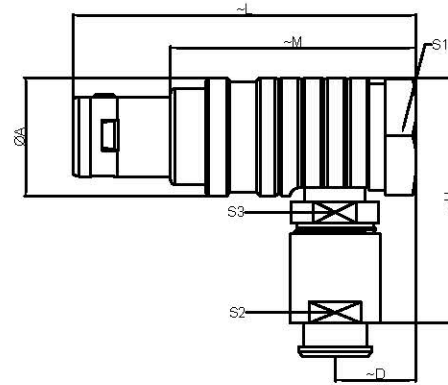
## Sum up(总结)

|                             |                                       |
|-----------------------------|---------------------------------------|
| 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)     | 30-22AWG                              |
| Cable diameterφ (电缆直径)      | φ7.3-8.2MM                            |
| Matching parts(配件)          | ZGG.2B.P10.CLL                        |

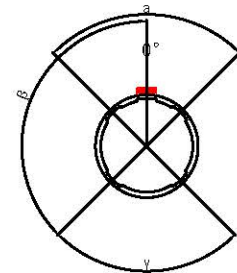
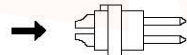
## Location pin combination(定位销组合)

| (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% |         |       |



|    | 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)

THG.2B.P10.CLAD.82.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.2B.P10.CLAD.82.H |
| CHECKED(校对)                      |  | DATE(日期) |                                      | VIEW(视图)      |          | PART NO.: 2B10-core plug                 |
| APPROVED(审核)                     |  | DATE(日期) |                                      | UNIT(单位)      | MM       | 名称: 2B10芯插头                              |
| REVISIONS                        |  |          |                                      | MATERIAL (材料) |          | DWG NO.:                                 |
| www.helloxkb.com www.helloxkb.cn |  |          | XKB INDUSTRIAL PRECISION CO.,LIMITED |               |          | WEIGHT(重量)                               |
|                                  |  |          |                                      |               |          | SHEET(表)                                 |
|                                  |  |          |                                      |               |          | REVISION(修订)                             |
|                                  |  |          |                                      |               |          | 1/1                                      |
|                                  |  |          |                                      |               |          | A0                                       |