

## 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) | φ1.3                                                                                                               |
| 5.Testing Voltage (测试电压)        | 1250V                                                                                                              |
| 6.Working Voltage (工作电压)        | 900V                                                                                                               |
| 7.Rated Current (额定电流)          | 12A                                                                                                                |
| 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                                                                                                                |

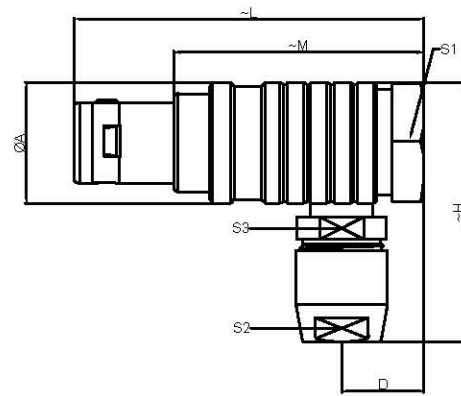
## Sum up(总结)

|                             |                                      |
|-----------------------------|--------------------------------------|
| 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)     | 28~20AWG                             |
| Cable diameterφ (电缆直径)      | φ10.1-11MM                           |
| Matching parts(配件)          | ZGG.3B.P10.CLL                       |

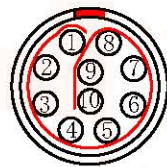
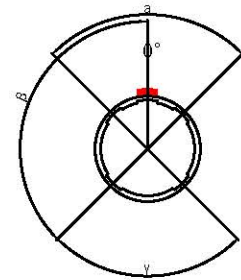
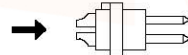
## Location pin combination(定位销组合)

| (编号)<br>Number | Number of<br>positioning pins(定<br>位销数量) | Angle(<br>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     | 37     | 50.0   | 35    | 17     | 14     | 15     |
| in | 0.748 | 0.3937 | 1.4567 | 1.9685 | 1.378 | 0.6693 | 0.5512 | 0.5906 |

Welded surface  
(焊接面)Positive view  
(正视图)Solder core  
(焊接型公胶芯)

TH G. 3B. P10. C L A D 11

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)

|                                  |  |          |                                      |               |          |                                        |
|----------------------------------|--|----------|--------------------------------------|---------------|----------|----------------------------------------|
| DESIGNED(设计)                     |  | DATE(日期) |                                      | SCALE(比例)     | N/A(不适用) | MODEL TYPE<br>型号类型: THG.3B.P10.CLAD.11 |
| CHECKED(校对)                      |  | DATE(日期) |                                      | VIEW(视图)      |          | PART NO. 3B10-core plug<br>名称: 3B10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                                 |