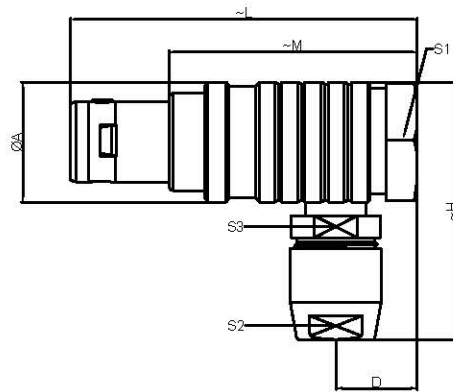


| Main technical indicators(主要技术指标) |                                                                                                                    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 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)   | φ0.7                                                                                                               |
| 5.Testing Voltage (测试电压)          | 950V                                                                                                               |
| 6.Working Voltage (工作电压)          | 1250V                                                                                                              |
| 7.Rated Current (额定电流)            | 6A                                                                                                                 |
| 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                                                                                                                |

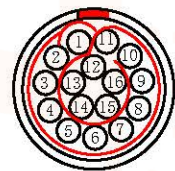
| Sum up(总结)                  |                                      |
|-----------------------------|--------------------------------------|
| Series(系列)                  | B                                    |
| Shell style/model (外壳样式/型号) | THG: Elbow plug, cable collet/电缆夹头弯头 |
| Button (按键)                 | A button(一个按键)                       |
| Termination type (终止类型)     | Male solder(公焊锡)                     |
| Line diameter awg(线材直径)     | 30-22AWG                             |
| Cable diameterφ (电缆直径)      | φ4.3-5.2MM                           |
| Matching parts(配件)          | ZGG.2B.P16.CLL                       |

| Location pin combination(定位销组合) |                                      |           |                         |
|---------------------------------|--------------------------------------|-----------|-------------------------|
| (编号)<br>Numbder                 | 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°)    |

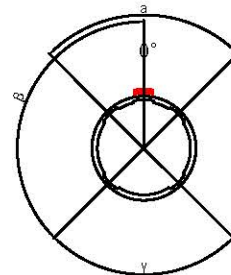
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



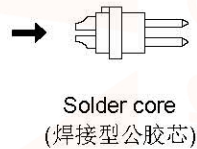
|    | A      | D      | H      | L      | M      | S1     | S2     | S3     |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| MM | 16.5   | 9      | 34     | 41.5   | 29.5   | 14     | 12     | 13     |
| in | 0.6496 | 0.3543 | 1.3386 | 1.6339 | 1.1615 | 0.5512 | 0.4725 | 0.5118 |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

THG.2B.P16.CLAD.52

|                                 |     |
|---------------------------------|-----|
| Model(型号)                       | THG |
| Positioning pin(定位销)            | 2B  |
| Series(系列)                      | P16 |
| Needle core configuration(针芯配置) | CL  |
| Outer casing(外壳)                | AD  |
| Insulator(绝缘体)                  |     |
| Needle core(针芯)                 |     |
| Type of clamp(线夹类型)             |     |
| Cable diameter(电缆直径)            | 52  |

|                                  |  |          |  |                                      |          |                                        |
|----------------------------------|--|----------|--|--------------------------------------|----------|----------------------------------------|
| DESIGNED(设计)                     |  | DATE(日期) |  | SCALE(比例)                            | N/A(不适用) | MODEL TYPE<br>型号类型: THG.2B.P16.CLAD.52 |
| CHECKED(校对)                      |  | DATE(日期) |  | VIEW(视图)                             |          | PART NO. 2B16-core plug<br>名称: 2B16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                                 |