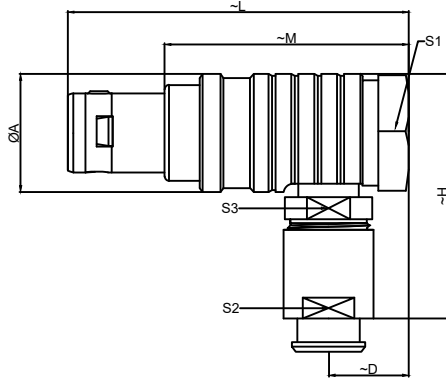


| Main technical indicators(主要技术指标) |                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 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)   | φ0.9                                                                                                                  |
| 5.Testing Voltage (测试电压)          | 1500V                                                                                                                 |
| 6.Working Voltage (工作电压)          | 1250V                                                                                                                 |
| 7.Rated Current (额定电流)            | 10A                                                                                                                   |
| 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                                                                                                                   |

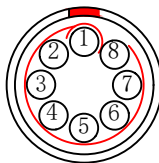
| Sum up(总结)                  |                                      |
|-----------------------------|--------------------------------------|
| Series(系列)                  | B                                    |
| Shell style/model (外壳样式/型号) | THG: Elbow plug, cable collet/电缆夹头弯头 |
| Button (按键)                 | A button(一个按键)                       |
| Termination type (终止类型)     | Male solder(公焊锡)                     |
| Line diameter awg(线材直径)     | 30-22AWG                             |
| Cable diameterφ (电缆直径)      | φ7.3-8.2MM                           |
| Matching parts(配件)          | ZGG.2B.P08.CLL                       |

| Location pin combination(定位销组合) |                                          |               |                            |
|---------------------------------|------------------------------------------|---------------|----------------------------|
| (编号)<br>Nunder                  | Number of<br>positioning pins(定<br>位销数量) | Angle(<br>角度) | Series(系列)~2B              |
| G                               | One(1)                                   |               | (Zero degrees)0°           |
| A                               | Two(2)                                   | A             | Thirty degrees(30°)        |
| B                               | Two(2)                                   |               | Forty-five<br>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°)       |

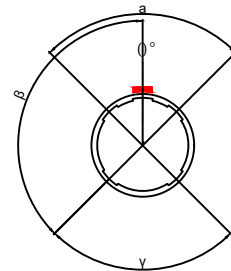
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



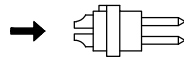
|    | A      | D      | H      | L      | M      | S1     | S2     | S3     |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| MM | 16.5   | 9      | 33     | 41.5   | 29.5   | 14     | 12     | 13     |
| in | 0.6496 | 0.3543 | 1.2992 | 1.6339 | 1.1615 | 0.5512 | 0.4725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



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

TH G. 2B. P08.C L A D 82 H

|                                                                  |                            |
|------------------------------------------------------------------|----------------------------|
| Model(型号)                                                        | TH G. 2B. P08.C L A D 82 H |
| Positioning pin(定位销)                                             | TH G. 2B. P08.C L A D 82 H |
| Series(系列)                                                       | TH G. 2B. P08.C L A D 82 H |
| Needle core configuration(针芯配置)                                  | TH G. 2B. P08.C L A D 82 H |
| Outer casing(外壳)                                                 | TH G. 2B. P08.C L A D 82 H |
| Insulator(绝缘体)                                                   | TH G. 2B. P08.C L A D 82 H |
| Needle core(针芯)                                                  | TH G. 2B. P08.C L A D 82 H |
| Type of clamp(线夹类型)                                              | TH G. 2B. P08.C L A D 82 H |
| Cable diameter(电缆直径)                                             | TH G. 2B. P08.C L A D 82 H |
| SH means a sheath type, not a cover type.<br>(H表示护套型，不表示为不带护套型)) |                            |

|                                  |  |          |                                      |               |          |                                         |
|----------------------------------|--|----------|--------------------------------------|---------------|----------|-----------------------------------------|
| DESIGNED (设计)                    |  | DATE(日期) |                                      | SCALE(比额)     | N/A(不适用) | MODEL TYPE<br>型号类型: THG.2B.P08.CLAD.82H |
| CHECKED (校对)                     |  | DATE(日期) |                                      | VIEW(视图)      |          | PART NO. 2B8-core plug                  |
| APPROVED (审核)                    |  | DATE(日期) |                                      | UNIT(单位)      | MM       | 名称: 2B8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)                                |
|                                  |  |          |                                      |               |          | 1/1                                     |
|                                  |  |          |                                      |               |          | REVISION(修订)                            |
|                                  |  |          |                                      |               |          | A0                                      |