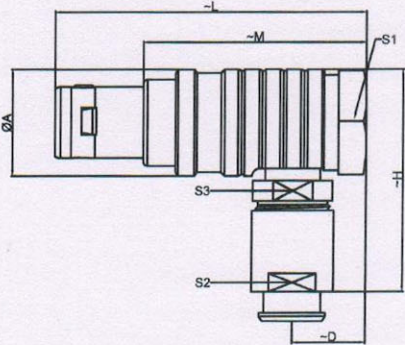


| Main technical indicators(主要技术指标) |                                                                                                                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 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)   | ø1.3                                                                                                              |
| 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)     | 28-20AWG                             |
| Cable diameterø (电缆直径)      | ø6.3-7.2MM                           |
| Matching parts(配件)          | ZGG.3B.P10.CLL                       |

| Location pin combination(定位销组合) |                                   |           |                         |
|---------------------------------|-----------------------------------|-----------|-------------------------|
| Number (编号)                     | Number of positioning pins(定位销数量) | Angle(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)                            | Y         | 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)                            | Y         | Seventy degrees(70°)    |

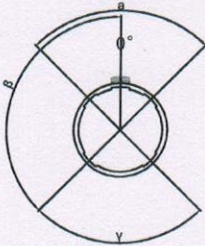
|        | A      | B      | CV     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



|    | A     | D      | H      | L      | M     | S1     | S2     | S3     |
|----|-------|--------|--------|--------|-------|--------|--------|--------|
| MM | 19    | 10     | 36     | 50.0   | 35    | 17     | 15     | 15     |
| in | 0.748 | 0.3937 | 1.4173 | 1.9685 | 1.378 | 0.6693 | 0.5906 | 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 72 H

|                                                                   |                            |
|-------------------------------------------------------------------|----------------------------|
| Model(型号)                                                         | TH G. 3B. P10.C L A D 72 H |
| 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.<br>(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   | 型号类型: THG.3B.P10.CLAD.72H |
| CHECKED (校对)                     |  | DATE(日期) |  | VIEW(视图)                             |           | PART NO.     | 3B10-core plug            |
| APPROVED (审核)                    |  | DATE(日期) |  | UNIT(单位)                             | MM        | 名称:          | 3B10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                        |