

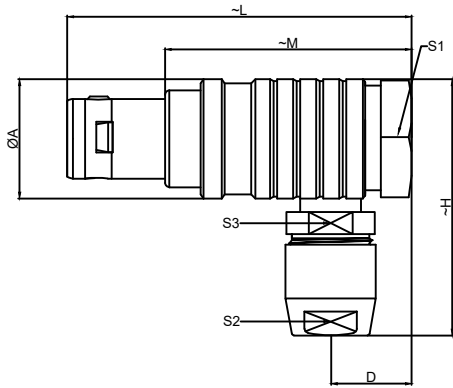
1.View and size(视图及尺寸)

| 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)          | 1050V                                                                                                              |
| 7.Rated Current (额定电流)            | 7A                                                                                                                 |
| 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                                                                                                                |

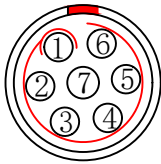
| Sum up(总结)                 |                                       |
|----------------------------|---------------------------------------|
| Series(系列)                 | B                                     |
| Shell style/model（外壳样式/型号） | THG: Elbow plug, cable collet/ 电缆夹头弯头 |
| Button（按键）                 | 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）      | φ5.3-6.2MM                            |
| Matching parts(配件)         | ZGG.1B.P07.CLL                        |

| Location pin combination(定位销组合) |                                          |               |                            |
|---------------------------------|------------------------------------------|---------------|----------------------------|
| (编号)<br>Numder                  | Number of<br>positioning pins(定<br>位销数量) | Angle(<br>角度) | Series(系列)-1B              |
| G                               | One(1)                                   |               | (Zero degrees)0°           |
| A                               | Two(2)                                   | A             | Thirty degrees(30°)        |
| B                               | Two(2)                                   |               | Sixty degrees(60°)         |
| C                               | Two(2)                                   |               | Ninety degrees(90°)        |
| D                               | Two(2)                                   | β             | 135 degrees(135°)          |
| E                               | Two(2)                                   |               | 145 degrees(145°)          |
| F                               | Two(2)                                   |               | 155 degrees(155°)          |
| J                               | Two(2)                                   | Y             | Forty-five<br>degrees(45°) |
| K                               | Two(2)                                   |               | Seventy degrees(70°)       |
| L                               | Two(2)                                   |               | 80 degrees(80°)            |

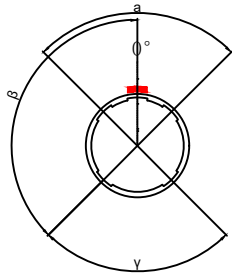
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



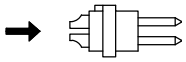
|    | A      | D     | H      | L      | M      | S1     | S2     | S3     |
|----|--------|-------|--------|--------|--------|--------|--------|--------|
| MM | 13.5   | 8     | 30.5   | 36.0   | 25     | 11     | 9      | 10     |
| in | 0.5315 | 0.315 | 1.2008 | 1.4173 | 0.9843 | 0.4331 | 0.3543 | 0.3937 |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

TH G. 1B. P07.C L A D 62

|                                 |                          |
|---------------------------------|--------------------------|
| Model(型号)                       | TH G. 1B. P07.C L A D 62 |
| 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.1B.P07.CLAD.62 |
| CHECKED(校对)                      |  | DATE(日期) |                                      | VIEW(视图)      |          | PART NO. 1B7-core plug<br>名称: 1B7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                                 |