

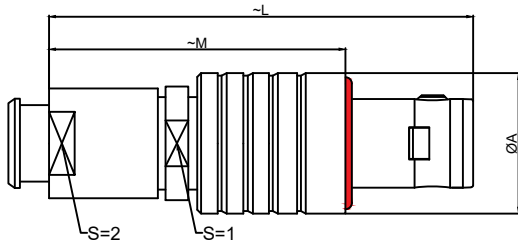
1.View and size(视图及尺寸)

| 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 54                                                                                                              |
| 4.Diameter of socket end(插合端直径)   | ø0.9                                                                                                               |
| 5.Testing Voltage (测试电压)          | 1350V                                                                                                              |
| 6.Working Voltage (工作电压)          | 1450V                                                                                                              |
| 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                                                                                                                |

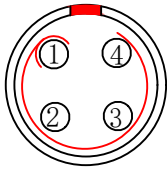
| Sum up(总结)                 |                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Series(系列)                 | B                                                                                                                                   |
| Shell style/model（外壳样式/型号） | TEG: Straight plug, cable collet, front seal and nut for fitting a bend relief (IP 54 when mated)<br>直塞、电缆夹头、前密封件和用于安装弯曲凸起（配对时IP54） |
| 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 diameterø（电缆直径）      | ø4.3-5.2MM                                                                                                                          |
| Matching parts(配件)         | ZGG.1B.P04.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)--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°)            |

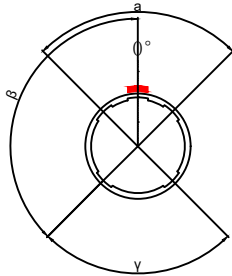
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



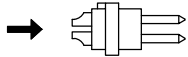
|    | A      | L      | M      | S1     | S2     |
|----|--------|--------|--------|--------|--------|
| MM | ø13.5  | 42     | 33     | 10.0   | 9      |
| in | 0.5315 | 1.6535 | 1.2992 | 0.3937 | 0.3543 |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

TE G. 1B. P04.C L A D 52 H

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)

SH means a sheath type, not a cover type.  
(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<br>型号类型: TEG.1B.P04.CLAD.52H    |
| CHECKED(校对)                      |  | DATE(日期) |                                      | VIEW(视图)      |          | PART NO. 1B4-core plug<br>名称: 1B4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)<br>1/1 A0 |