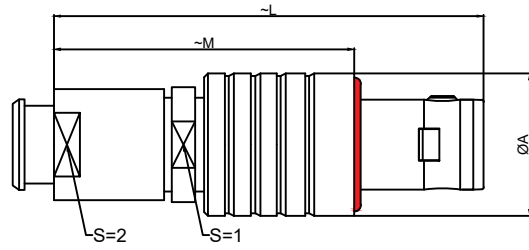


# 1.View and size(视图及尺寸)

| Main technical indicators(主要技术指标) |  |
|-----------------------------------|--|
| 1.Mating (插拔次数)                   | 5000   |
| 2.Working Temperature (温度)        | -55~+150 °C  |
| 3.IP Rating (防护级别)                | IP 54  |
| 4.Diameter of socket end(插合端直径)   | φ1.3   |
| 5.Testing Voltage (测试电压)          | 1500V  |
| 6.Working Voltage (工作电压)          | 1350V  |
| 7.Rated Current (额定电流)            | 15A  |
| 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  |

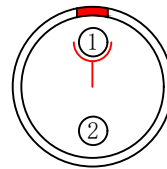


|    | A      | L      | M      | S1     | S2     |
|----|--------|--------|--------|--------|--------|
| MM | φ13.5  | 42     | 33     | 10.0   | 9      |
| in | 0.5315 | 1.6535 | 1.2992 | 0.3937 | 0.3543 |

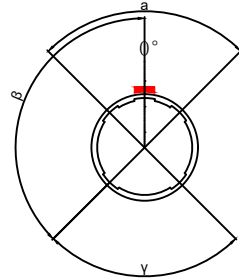
| Sum up(总结)                  |   |
|-----------------------------|---|
| Series(系列)                  | B   |
| Shell style/model (外壳样式/型号) | TEG: Straight plug, cable collet, front seal and nut for fitting a bend relief (IP 54 when mated)<br>直塞、电缆夹头、前密封件和用于安装弯曲凸起(配对时IP54) |
| Button (按键)                 | A button(一个按键)  |
| Termination type (终止类型)     | Male solder(公焊锡)  |
| Line diameter awg(线材直径)     | 28-20AWG  |
| Cable diameterφ (电缆直径)      | φ6.3-7.2MM  |
| Matching parts(配件)          | ZGG.1B.P02.CLL  |

| Location pin combination (定位销组合) |                                   |           |                         |
|----------------------------------|-----------------------------------|-----------|-------------------------|
| (编号) Number                      | Number of positioning pins(定位销数量) | Angle(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 degrees(45°) |
| K                                | Two(2)                            |           | Seventy degrees(70°)    |
| L                                | Two(2)                            |           | 80 degrees(80°)         |

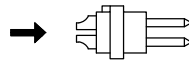
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



Welded surface (焊接面)



Positive view (正视图)



Solder core (焊接型公胶芯)

TE G. 1B. P02.C L A D 72 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.P02.CLAD72H     |
| CHECKED (校对)                     |  | DATE(日期) |                                      | VIEW(视图)      |          | PART NO. 1B2-core plug<br>名称: 1B2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 |