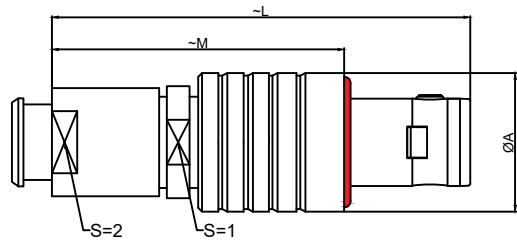


| Main technical indicators(主要技术指标) |                                                                                                                    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 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)   | φ0.7                                                                                                               |
| 5.Testing Voltage (测试电压)          | 950V                                                                                                               |
| 6.Working Voltage (工作电压)          | 800V                                                                                                               |
| 7.Rated Current (额定电流)            | 4.0A                                                                                                               |
| 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                                                                                                                |

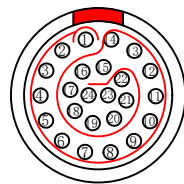
| Sum up(总结)                 |                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 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)    | 28-20AWG                                                                                                                            |
| Cable diameterφ（电缆直径）      | φ6.3-7.2MM                                                                                                                          |
| Matching parts(配件)         | ZGG.3B.P24.CLL                                                                                                                      |

| Location pin combination (定位销组合) |                                      |               |                         |
|----------------------------------|--------------------------------------|---------------|-------------------------|
| (编号)<br>Number                   | Number of<br>positioning pins(定位销数量) | Angle(<br>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)                               | 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°)    |

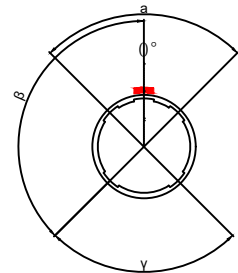
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



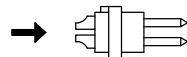
|    | A     | L      | M      | S1     | S2     |
|----|-------|--------|--------|--------|--------|
| MM | φ19   | 56.5   | 41.5   | 15.0   | 15     |
| in | 0.748 | 2.2244 | 1.6339 | 0.5906 | 0.5906 |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

TE G. 3B. P24. CLAD 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.3B.P24.CLAD.72H |
| CHECKED (校对)                     |  | DATE(日期) |                                      | VIEW(视图)      |          | PART NO. 3B24-core plug<br>名称: 3B24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                                  |