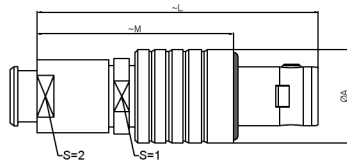


| Main technical indicators(主要技术指标) |                                                                                                                   |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 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)          | 1250V                                                                                                             |
| 7.Rated Current (额定电流)            | 6A                                                                                                                |
| 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) 直塞、电缆夹头、前密封件和用于安装弯曲凸起 (配用时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 diameterφ (电缆直径)      | φ8.3-9.2MM                                                                                                                        |
| Matching parts(配件)          | ZGG.2B.P16.CL                                                                                                                     |

| Location pin combination (定位销组合) |                                          |               |                            |
|----------------------------------|------------------------------------------|---------------|----------------------------|
| 编号<br>Number                     | Number of<br>positioning pins(定<br>位销数量) | Angle(角<br>度) | Series(系列)-2B              |
| G                                | One(1)                                   |               | (Zero degrees)0°           |
| A                                | Two(2)                                   | A             | Thirty degrees(30°)        |
| B                                | Two(2)                                   |               | Forty-five<br>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% |         |       |



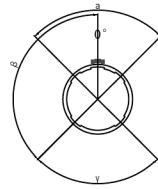
|    | A      | L      | M      | S1    | S2     |
|----|--------|--------|--------|-------|--------|
| MM | φ16.5  | 48     | 36     | 13.0  | 12     |
| in | 0.6496 | 1.8898 | 1.4173 | 0.512 | 0.4725 |



Welded surface  
(焊接面)



Solder core  
(焊接型公芯芯)



Positive view  
(正视图)

TE G. 2B. P16.C L A D 92 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                             |
| CHECKED (校对)                   |  | DATE(日期) |  | VIEW(视图)                             |          | 型号类型: TEG.2B.P16.CLAD.92H              |
| APPROVED (审核)                  |  | DATE(日期) |  | UNIT(单位)                             | MM       | PART NO. 2B16-core plug<br>名称: 2B16芯插头 |
| REVISIONS                      |  |          |  | MATERIAL (材料)                        |          | DWG NO.:                               |
| www.helloxb.com www.helloxb.cn |  |          |  | XKB INDUSTRIAL PRECISION CO.,LIMITED |          | WEIGHT(重量)                             |
|                                |  |          |  |                                      |          | SHEET(张)                               |
|                                |  |          |  |                                      |          | 1/1                                    |
|                                |  |          |  |                                      |          | A0                                     |