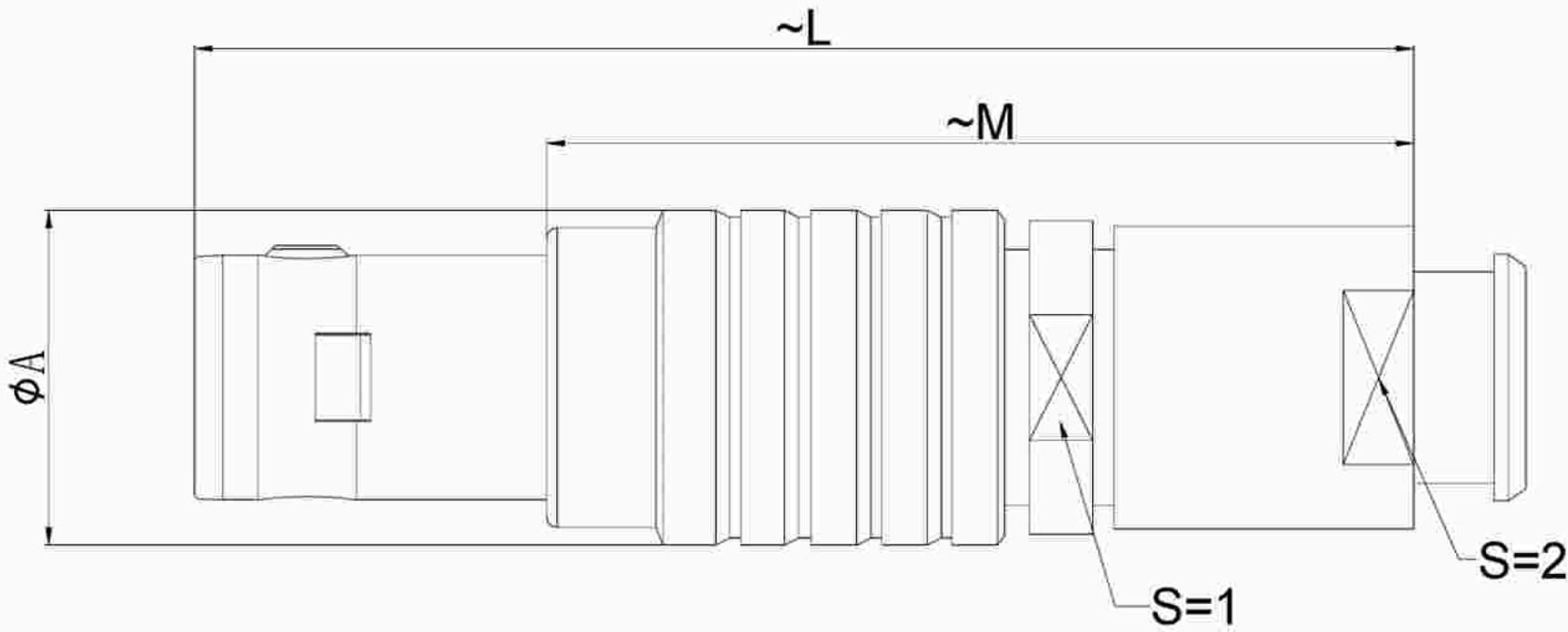


| Main technical indicators(主要技术指标) |                                                                                                                    |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 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)   | φ1.6                                                                                                               |
| 5.Testing Voltage (测试电压)          | 1900V                                                                                                              |
| 6.Working Voltage (工作电压)          | 1250V                                                                                                              |
| 7.Rated Current (额定电流)            | 19A                                                                                                                |
| 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)      | L:PPS P:PEEK                                                                                                       |

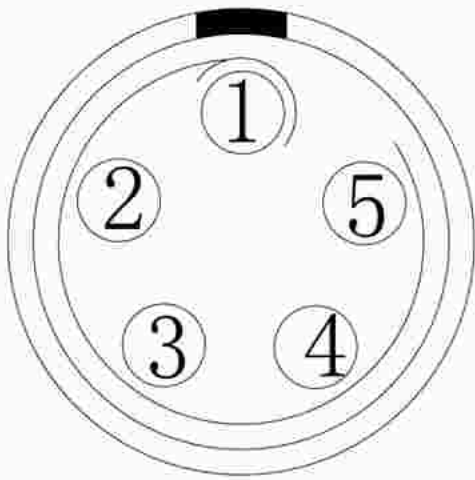
| Sum up(总结)                 |                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------|
| Series(系列)                 | B                                                                                     |
| Shell style/model（外壳样式/型号） | TGG: Straight plug, cable collet and nut for fitting a bend relief直塞、电缆夹头和螺母，用于安装弯曲凸起 |
| 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)    | 24-16AWG                                                                              |
| Cable diameterφ（电缆直径）      | φ5.3-6.2MM                                                                            |
| Matching parts(配件)         | ZGG.3B.P05.CXL                                                                        |

| 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)--3B             |
| 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°)       |

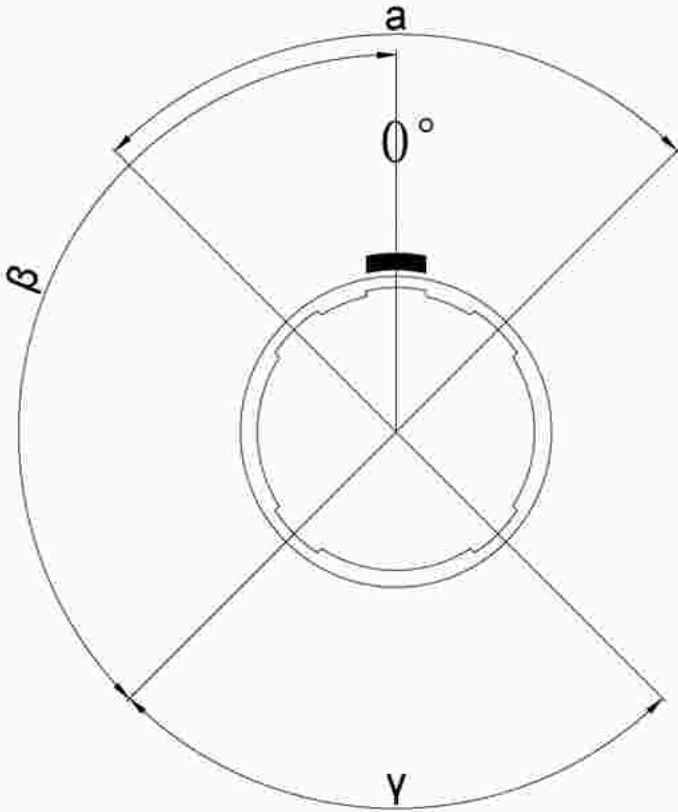
|        |        |        |        |         |       |
|--------|--------|--------|--------|---------|-------|
|        | A      | B      | C√     | ANGLE   |       |
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2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



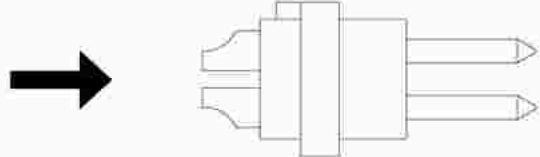
|    | A      | L      | M      | S1     | S2     |
|----|--------|--------|--------|--------|--------|
| MM | φ18    | 57     | 41.5   | 16.0   | 15     |
| in | 0.7087 | 2.2441 | 1.6339 | 0.6299 | 0.5906 |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

TG G. 3B. P05.C X A D 62 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 CXamp(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)<br>广东星坤科技股份有限公司 |  | DATE(日期)                         |  | SCALE(比额)                            |  | N/A(不适用) |  | MODEL TYPE<br>型号类型: TGG.3B.P05.CXAD62H |          |              |
| CHECKED(校对)                  |  | DATE(日期)                         |  | VIEW(视图)                             |  |          |  | PART NO. 3B5-core plug<br>名称: 3B5芯插头   |          |              |
| APPROVED(审核)                 |  | DATE(日期)                         |  | UNIT(单位)                             |  | MM       |  | DWG NO.:                               |          |              |
| 生效                           |  | REVISIONS                        |  | MATERIAL（材料）                         |  |          |  |                                        |          |              |
| 文件工程章                        |  | www.helloxkb.com www.helloxkb.cn |  | XKB INDUSTRIAL PRECISION CO.,LIMITED |  |          |  | WEIGHT(重量)                             | SHEET(表) | REVISION(修订) |
|                              |  |                                  |  |                                      |  |          |  | 4.52g                                  | 1/1      | A0           |