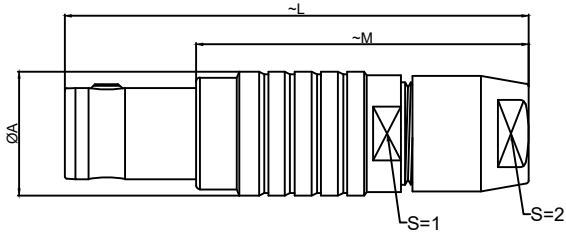


| Main technical indicators(主要技术指标) |                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| 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)   | φ1.3                                                                                                                  |
| 5.Testing Voltage (测试电压)          | 1750V                                                                                                                 |
| 6.Working Voltage (工作电压)          | 1600V                                                                                                                 |
| 7.Rated Current (额定电流)            | 14A                                                                                                                   |
| 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                                                                                                                   |

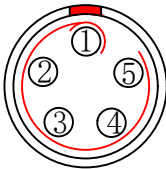
| Sum up(总结)                  |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Series(系列)                  | B                                                           |
| Shell style/model (外壳样式/型号) | TFG: Straight plug, non-latching, cable collet /直塞、非锁套、电缆夹头 |
| 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)      | φ7.3-8.2MM                                                  |
| Matching parts(配件)          | ZGG.2B.P05.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)--2B          |
| 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°)    |

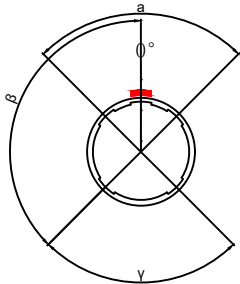
|        | A      | B      | C√     | ANGLE   |       |
|--------|--------|--------|--------|---------|-------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30°  | ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20%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



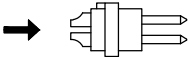
|    | A      | L      | M      | S1    | S2     |
|----|--------|--------|--------|-------|--------|
| MM | φ15    | 50     | 38     | 13.0  | 12     |
| in | 0.5906 | 1.9685 | 1.4961 | 0.512 | 0.4725 |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

TF G. 2B. P05.C L A D 82

|                                 |                          |
|---------------------------------|--------------------------|
| Model(型号)                       | TF G. 2B. P05.C L A D 82 |
| 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)            |                          |

|                                  |  |          |  |                                      |          |                                            |
|----------------------------------|--|----------|--|--------------------------------------|----------|--------------------------------------------|
| DESIGNED (设计)                    |  | DATE(日期) |  | SCALE(比例)                            | N/A(不适用) | MODEL TYPE<br>型号类型: TFG.2B.P05.CLAD82      |
| CHECKED (校对)                     |  | DATE(日期) |  | VIEW(视图)                             |          | PART NO. 2B5-core plug<br>名称: 2B5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 |