

## 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 50                                                                                                    |
| 4.Diameter of socket end(插合端直径) | φ0.7                                                                                                     |
| 5.Testing Voltage (测试电压)        | 1150V                                                                                                    |
| 6.Working Voltage (工作电压)        | 1350V                                                                                                    |
| 7.Rated Current (额定电流)          | 6.5A                                                                                                     |
| 8.Shell material(壳体材质)          | Brass (chromium-plated) shell and nut/(nickel-plated) lock sleeve and middleware/黄铜(镀铬)外壳和螺母/(镀镍)锁套筒和中间件 |
| 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                                                                                                      |

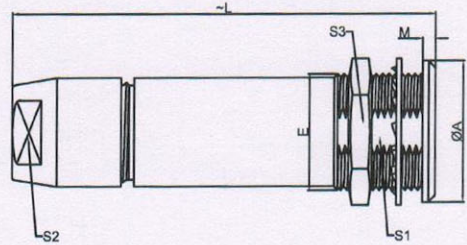
### Sum up(总结)

|                             |                                                                   |
|-----------------------------|-------------------------------------------------------------------|
| Series(系列)                  | B                                                                 |
| Shell style/model (外壳样式/型号) | MKG: Fixed receptacle, nut fixing, cable collet(固定插座, 螺母固定, 电缆夹头) |
| Button (按键)                 | A button(一个按键)                                                    |
| Termination type (终止类型)     | Mother solder tin(母焊锡)                                            |
| Line diameter awg(线材直径)     | 30-22AWG                                                          |
| Cable diameterφ (电缆直径)      | φ6.3-7.2MM                                                        |
| Match plug(匹配插头)            | TGG.2B.P14.CLAD72                                                 |

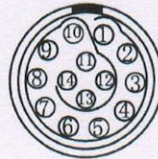
### Location pin combination(定位销组合)

| (编号)<br>Nunber | Number of<br>positioning pins(定位销数量) | Angle(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)                               | Y         | 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)                               | Y         | 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% |               |



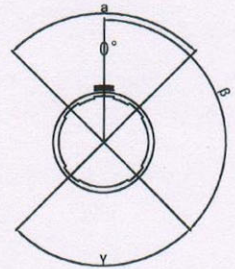
|    | φA     | e      | L      | M      | S1     | S2     | S3     |
|----|--------|--------|--------|--------|--------|--------|--------|
| MM | φ18    | M15*1  | 47.0   | 1.8    | 13.5   | 12.0   | 17.0   |
| in | 0.7087 | 0.0000 | 1.8504 | 0.0709 | 0.5315 | 0.4725 | 0.6693 |



Welded surface  
(焊接面)



(Welded mother  
adhesive core)  
焊接型母胶芯



Positive view of the socket  
(插座正视图)

Model(型号) MK G. 2B. P14.C L L D 72

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: MKG.2B.P14.CLLD72    |
| CHECKED(校对)                      | DATE(日期) | VIEW(视图)                             |          | PART NO. 2B14 core socket<br>名称: 2B14芯插座 |
| APPROVED(审核)                     | DATE(日期) | UNIT(单位)                             | MM       | DWG NO.:                                 |
| REVISIONS                        |          | MATERIAL (材料)                        |          | WEIGHT(重量)                               |
| www.helloxkb.com www.helloxkb.cn |          | XKB INDUSTRIAL PRECISION CO.,LIMITED |          | SHEET(表)                                 |
|                                  |          |                                      |          | 1/1                                      |
|                                  |          |                                      |          | REVISION(修订)                             |
|                                  |          |                                      |          | A0                                       |