

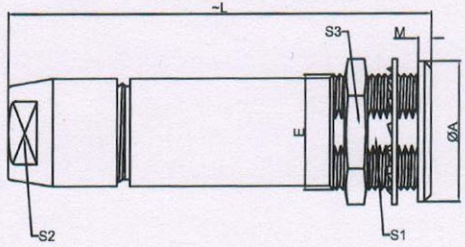
1.View and size(视图及尺寸)

| Main technical indicators(主要技术指标) |                                                                                                          |
|-----------------------------------|----------------------------------------------------------------------------------------------------------|
| 1.Mating (插拔次数)                   | 5000                                                                                                     |
| 2.Working Temperature (温度)        | -55~+150 ℃                                                                                               |
| 3.IP Rating (防护级别)                | IP 50                                                                                                    |
| 4.Diameter of socket end(插合端直径)   | ø0.7                                                                                                     |
| 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-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                                                                                                      |

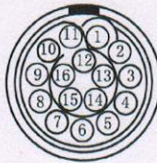
| Sum up(总结)                  |                                                                   |
|-----------------------------|-------------------------------------------------------------------|
| Series(系列)                  | B                                                                 |
| 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 diameterø (电缆直径)      | ø4.3-5.2MM                                                        |
| Match plug(匹配插头)            | TGG.2B.P16.CLLD52                                                 |

| 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<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°)       |

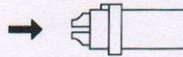
|        | A      | B      | C√     | ANGLE        |
|--------|--------|--------|--------|--------------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°~30° ±0.1° |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 6°~90° ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |              |
| 100~   | ±0.15% | ±0.20% | ±0.25% |              |



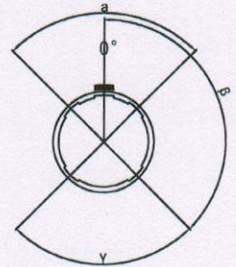
|    | øA     | e      | L      | M      | S1     | S2     | S3     |
|----|--------|--------|--------|--------|--------|--------|--------|
| MM | ø18    | M15*1  | 47.0   | 1.8    | 13.5   | 12.0   | 17.0   |
| in | 0.7087 | 0.0000 | 1.8504 | 0.0709 | 0.5315 | 0.4725 | 0.6693 |



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)

MK G. 2B. P16.C L L D 52

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)

|                                  |          |                                      |          |                                          |
|----------------------------------|----------|--------------------------------------|----------|------------------------------------------|
| DESIGNED (设计)                    | DATE(日期) | SCALE(比例)                            | N/A(不适用) | MODEL TYPE<br>型号类型: MKG.2B.P16.CLLD52    |
| CHECKED (校对)                     | DATE(日期) | VIEW(视图)                             |          | PART NO. 2B16 core socket<br>名称: 2B16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)                                 |
|                                  |          |                                      |          | REVISION(修订)                             |
|                                  |          |                                      |          | 1/1 A0                                   |