

# 1.View and size(视图及尺寸)

## Main technical indicators(主要技术指标)

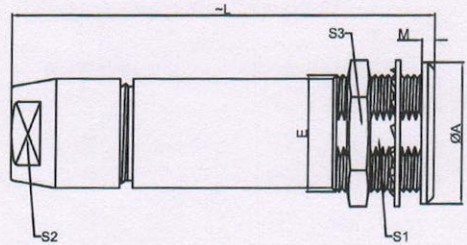
|                                 |                                                                                                         |
|---------------------------------|---------------------------------------------------------------------------------------------------------|
| 1.Mating (插拔次数)                 | 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) | φ0.9                                                                                                    |
| 5.Testing Voltage (测试电压)        | 1300V                                                                                                   |
| 6.Working Voltage (工作电压)        | 1050V                                                                                                   |
| 7.Rated Current (额定电流)          | 10A                                                                                                     |
| 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)

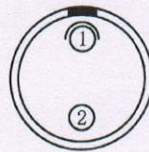
|                             |                                                                   |
|-----------------------------|-------------------------------------------------------------------|
| Series(系列)                  | B                                                                 |
| 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)     | 28-20AWG                                                          |
| Cable diameterφ (电缆直径)      | φ2.3-3.2MM                                                        |
| Match plug(匹配插头)            | TGG.0B.P02.CLAD32                                                 |

## Location pin combination(定位销组合)

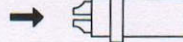
| (编号)<br>Numder | Number of<br>positioning pins(定<br>位销数量) | Angle(<br>角度) | Series(系列)—0B              |         |       |
|----------------|------------------------------------------|---------------|----------------------------|---------|-------|
| G              | One(1)                                   |               | (Zero degrees)0°           |         |       |
| A              | Two(2)                                   | A             | Thirty degrees(30°)        |         |       |
| B              | Two(2)                                   |               | Sixty degrees(60°)         |         |       |
| C              | Two(2)                                   |               | Ninety degrees(90°)        |         |       |
| D              | Two(2)                                   | β             | 135 degrees(135°)          |         |       |
| E              | Two(2)                                   |               | 145 degrees(145°)          |         |       |
| F              | Two(2)                                   |               | 155 degrees(155°)          |         |       |
| J              | Two(2)                                   | γ             | Forty-five<br>degrees(45°) |         |       |
| K              | Two(2)                                   |               | Seventy degrees(70°)       |         |       |
| L              | Two(2)                                   |               | 80 degrees(80°)            |         |       |
|                | 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%                     |         |       |



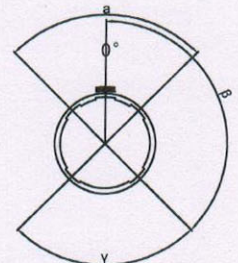
|    | φA     | e      | L      | M      | S1     | S2     | S3     |
|----|--------|--------|--------|--------|--------|--------|--------|
| MM | φ10    | M9*0.6 | 35.5   | 1.2    | 8.2    | 7.0    | 11.0   |
| in | 0.3937 | 0.0000 | 1.3976 | 0.0472 | 0.3228 | 0.2756 | 0.4331 |



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. 0B. P02.C L L D 32

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.0B.P02.CLLD32  |
| CHECKED(校对)                      | DATE(日期) | VIEW(视图)                             |          | PART NO. 0B2-core socket<br>名称: 0B2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                                     |