

# 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) | φ1.6                                                                                                 |
| 5.Testing Voltage (测试电压)        | 2400V                                                                                                |
| 6.Working Voltage (工作电压)        | 1850V                                                                                                |
| 7.Rated Current (额定电流)          | 17A                                                                                                  |
| 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/镍套筒和中间件 |
| 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                                                                                                  |

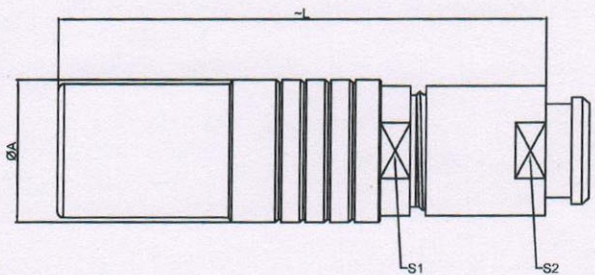
## Sum up(总结)

|                             |                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------|
| Series(系列)                  | B                                                                                                    |
| Shell style/model (外壳样式/型号) | MHG: Floating socket, cable chuck and nut, used to install bending relief.(浮动式插座, 电缆夹头和螺母, 用来安装弯曲救济) |
| 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)     | 24-16AWG                                                                                             |
| Cable diameterφ (电缆直径)      | φ7.3-8.2MM                                                                                           |
| Match plug(匹配插头)            | TGG.2B.P03.CLLD82H                                                                                   |

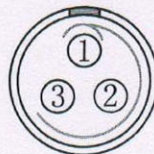
## Location pin combination(定位销组合)

| (编号)<br>Number | 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)                               | 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° | ±0.6° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20% | ±0.25% |         |       |



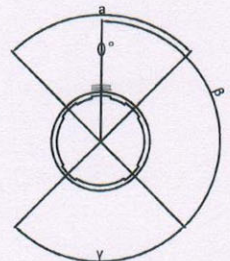
|    | φA     | L      | S1     | S2     |
|----|--------|--------|--------|--------|
| MM | φ16.5  | 46.0   | 13.0   | 12.0   |
| in | 0.6496 | 1.8110 | 0.5118 | 0.4725 |



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)

MH G. 2B. P03.C L L D 82 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 clamp(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)                     | DATE(日期) | SCALE(比例)                            | N/A(不适用) | MODEL TYPE<br>型号类型: MHG.2B.P03.CLLD82H |
| CHECKED(校对)                      | DATE(日期) | VIEW(视图)                             |          | PART NO. 2B3 core socket<br>名称: 2B3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                                     |