

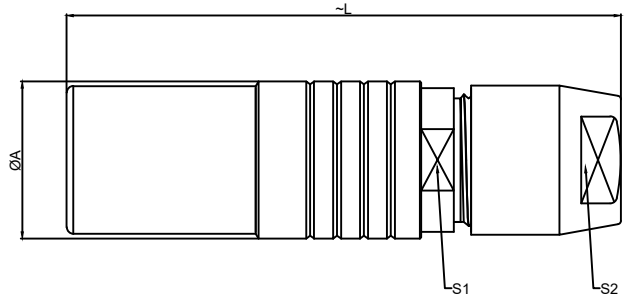
## 1.View and size(视图及尺寸)

| 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)   | φ0.7                                                                                                     |
| 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                                                                                                      |

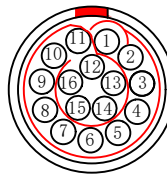
| Sum up(总结)                  |                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------|
| Series(系列)                  | B                                                                                                    |
| Shell style/model (外壳样式/型号) | 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)     | 30-22AWG                                                                                             |
| Cable diameterφ (电缆直径)      | φ3.3-4.2MM                                                                                           |
| Match plug(匹配插头)            | TGG.2B.P16.CLAD42H                                                                                   |

| 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° | ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |         |       |
| 100-   | ±0.15% | ±0.20% | ±0.25% |         |       |



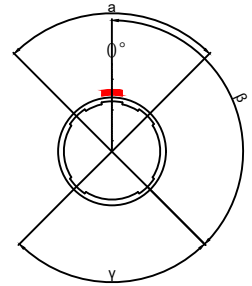
|    | φA     | L      | S1     | S2     |
|----|--------|--------|--------|--------|
| MM | φ16.5  | 47.0   | 13.0   | 12.0   |
| in | 0.6496 | 1.8500 | 0.5118 | 0.4725 |



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. P16.C L L D 42**

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                               |
| CHECKED(校对)                      |  | DATE(日期) |  | VIEW(视图)                             |          | 型号类型: MHG.2B.P16.CLLD42                  |
| APPROVED(审核)                     |  | DATE(日期) |  | UNIT(单位)                             | MM       | PART NO. 2B16 core socket<br>名称: 2B16芯插座 |
| REVISIONS                        |  |          |  | MATERIAL (材料)                        |          | DWG NO.:                                 |
| www.helloxkb.com www.helloxkb.cn |  |          |  | XKB INDUSTRIAL PRECISION CO.,LIMITED |          | WEIGHT(重量) SHEET(表) REVISION(修订)         |
|                                  |  |          |  |                                      |          | 1/1 A0                                   |