

# 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)        | 1050V                                                                                                   |
| 7.Rated Current (额定电流)          | 7A                                                                                                      |
| 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                                                                                                     |

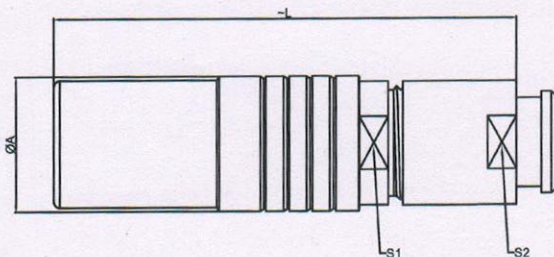
## Sum up(总结)

|                             |                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------|
| 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)      | φ2.3-3.2MM                                                                                           |
| Match plug(匹配插头)            | TGG.1B.P07.CLAD32H                                                                                   |

## 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)-1B           |
|----------------|--------------------------------------|-----------|-------------------------|
| 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)                               | Y         | Forty-five 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% |               |



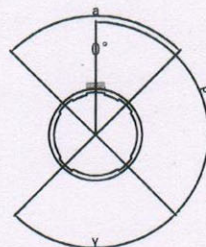
|    | φA     | L      | S1     | S2     |
|----|--------|--------|--------|--------|
| MM | φ12.5  | 39.5   | 10.0   | 9.0    |
| in | 0.4921 | 1.5552 | 0.3937 | 0.3543 |



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)

MHG. 1B. P07. CLLD 32 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.1B.P07.CLLD32H |
| CHECKED(校对)                    | DATE(日期) | VIEW(视图)                             |          | PART NO. 1B7 core socket<br>名称: 1B7芯插座 |
| APPROVED(审核)                   | DATE(日期) | UNIT(单位)                             | MM       | DWG NO.:                               |
| REVISIONS                      |          | MATERIAL (材料)                        |          | WEIGHT(重量) SHEET(表) REVISION(修订)       |
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