

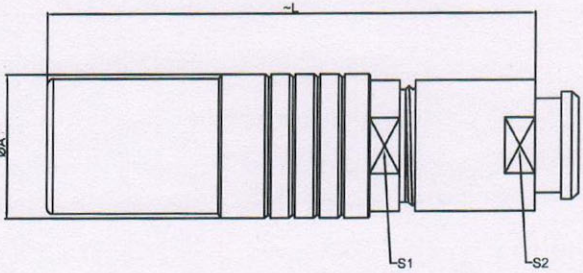
1.View and size(视图及尺寸)

| 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)   | ø0.9                                                                                           |
| 5.Testing Voltage (测试电压)          | 1200V                                                                                          |
| 6.Working Voltage (工作电压)          | 850V                                                                                           |
| 7.Rated Current (额定电流)            | 8A                                                                                             |
| 8.Shell material(壳体材质)            | Brass (chromium-plated) shell and nut/(nickel-plated) lock sleeve and middleware/黄铜(镀铬)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                                                                                            |

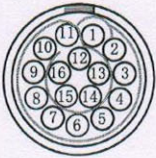
| Sum up(总结)                  |                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------|
| Series(系列)                  | 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 diameterø (电缆直径)      | ø7.3-8.2MM                                                                                           |
| Match plug(匹配插头)            | TGG.3B.P16.CLAD82H                                                                                   |

| Location pin combination (定位销组合) |                                   |           |                         |
|----------------------------------|-----------------------------------|-----------|-------------------------|
| (编号) Number                      | Number of positioning pins(定位销数量) | Angle(角度) | Series(系列)-3B           |
| G                                | One(1)                            | A         | (Zero degrees)0°        |
| A                                | Two(2)                            |           | Thirty degrees(30°)     |
| B                                | Two(2)                            |           | Forty-five degrees(45°) |
| C                                | Two(2)                            | Y         | Sixty degrees(60°)      |
| D                                | Two(2)                            |           | 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)                            | Y         | Seventy degrees(70°)    |

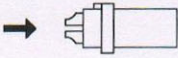
|        | A      | B      | C√     | ANGLE         |
|--------|--------|--------|--------|---------------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30° ±0.1°  |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 60°-90° ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |               |
| 100-   | ±0.15% | ±0.20% | ±0.25% |               |



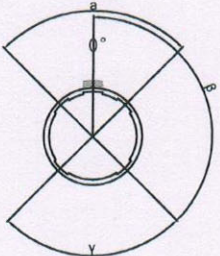
|    | øA    | L      | S1     | S2     |
|----|-------|--------|--------|--------|
| MM | ø19   | 54.5   | 15.0   | 15.0   |
| in | 0.748 | 2.1457 | 0.5905 | 0.5905 |



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. 3B. P16.C L L D 82 H

|                                                                  |                            |
|------------------------------------------------------------------|----------------------------|
| Model(型号)                                                        | MH G. 3B. P16.C L L D 82 H |
| 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.<br>(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.3B.P16.CLLD82H   |
| CHECKED (校对)                     | DATE (日期) | VIEW (视图)                            |           | PART NO. 3B16 core socket<br>名称: 3B16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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