

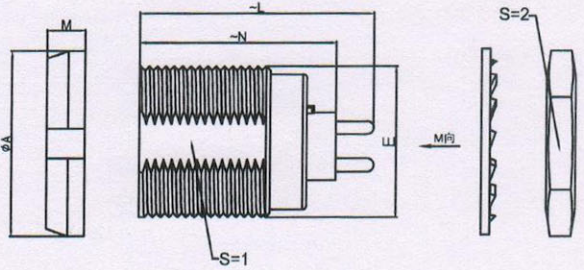
1.View and size(视图及尺寸)

| 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 plating)/(nickel plating) fixation ring/黄铜 (镀铬)/(镀镍) 固定圈 |
| 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                                                                      |

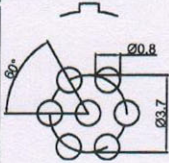
| Sum up(总结)                  |                                                       |
|-----------------------------|-------------------------------------------------------|
| Series(系列)                  | B                                                     |
| Shell style/model (外壳样式/型号) | ZCG:With two nuts (fixed back and forth)带有两个螺母 (前后固定) |
| Button (按键)                 | A button(一个按键)                                        |
| Termination type (终止类型)     | Female print PCB(印刷PCB)                               |
| Line diameter awg(线材直径)     | 30AWG-22AWG                                           |
| Cable diameterφ (电缆直径)      | 0-0                                                   |
| Match plug(匹配插头)            | TGG.1B.P07.CLAD52H                                    |

| Location pin combination(定位销组合) |                                      |               |                         |
|---------------------------------|--------------------------------------|---------------|-------------------------|
| (编号)<br>Nunder                  | Number of<br>positioning pins(定位销数量) | Angle(<br>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% |         |       |



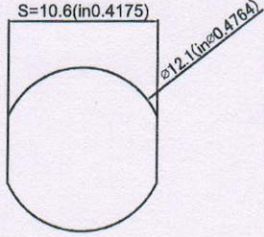
|    | A     | N    | L    | E     | M     | S1     | S2    |
|----|-------|------|------|-------|-------|--------|-------|
| MM | φ16   | 19.5 | 22.9 | M12*1 | 3.5   | 10.5   | 14    |
| in | φ0.63 | 0.77 | 0.90 |       | 0.138 | 0.4134 | 0.551 |



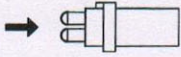
Pcb plate opening size (PCB板开孔尺寸)



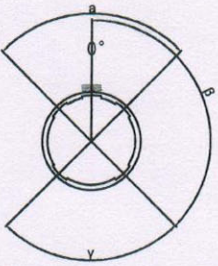
M向



Pane hole size (面板开孔尺寸)



Boarded mother adhesive core (板型型母胶芯)



Positive view of the socket (插座正视图)

|                                 |                   |
|---------------------------------|-------------------|
| Model(型号)                       | ZC G.1B.P07.C L N |
| 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)                 |                   |

|               |  |          |  |           |          |                          |
|---------------|--|----------|--|-----------|----------|--------------------------|
| DESIGNED (设计) |  | DATE(日期) |  | SCALE(比额) | N/A(不适用) | MODEL TYPE               |
| CHECKED (校对)  |  | DATE(日期) |  | VIEW(视图)  |          | 型号类型: ZCG.1B.P07.CLN     |
| APPROVED (审核) |  | DATE(日期) |  | UNIT(单位)  | MM       | PART NO. 1B7 core socket |
| REVISIONS     |  |          |  |           |          | 名称: 1B7芯插座               |
|               |  |          |  |           |          | DWG NO.:                 |
|               |  |          |  |           |          | WEIGHT(重量)               |
|               |  |          |  |           |          | SHEET(表)                 |
|               |  |          |  |           |          | REVISION(修订)             |
|               |  |          |  |           |          | 1/1                      |
|               |  |          |  |           |          | A0                       |