

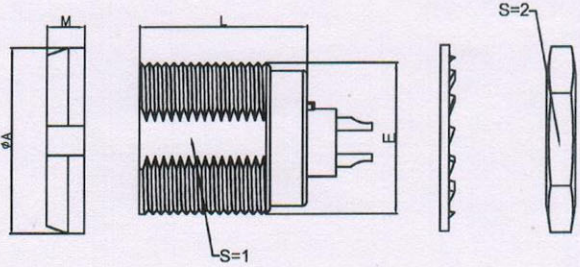
1.View and size(视图及尺寸)

| 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)   | φ1.3                                                                     |
| 5.Testing Voltage (测试电压)          | 1250V                                                                    |
| 6.Working Voltage (工作电压)          | 900V                                                                     |
| 7.Rated Current (额定电流)            | 12A                                                                      |
| 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)     | Mother solder tin(母焊锡)                               |
| Line diameter awg(线材直径)     | 28-20AWG                                             |
| Cable diameterφ (电缆直径)      | 0-0                                                  |
| Match plug(匹配插头)            | TGG.3B.P10.CLAD92H                                   |

| Location pin combination (定位销组合) |                                      |               |                         |
|----------------------------------|--------------------------------------|---------------|-------------------------|
| (编号)<br>Numder                   | Number of<br>positioning pins(定位销数量) | Angle(<br>角度) | Series(系列)-3B           |
| 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)                               |               | Seventy degrees(70°)    |

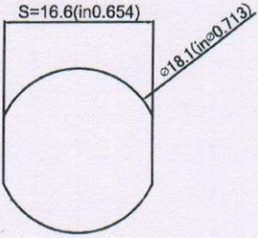
|        | A      | B      | C√     | ANGLE         |
|--------|--------|--------|--------|---------------|
| 5-10   | ±0.02  | ±0.05  | ±0.1   | 0°-30° ±0.1°  |
| 50-100 | ±0.1   | ±0.15  | ±0.2   | 61°-90° ±0.5° |
| 50-100 | ±0.15  | ±0.2   | ±0.25  |               |
| 100-   | ±0.15% | ±0.20% | ±0.25% |               |



|    | A    | L    | E     | M    | S1   | S2   |
|----|------|------|-------|------|------|------|
| MM | φ24  | 22   | M18*1 | 4.5  | 16.5 | 22   |
| in | 0.94 | 0.87 |       | 0.18 | 0.65 | 0.87 |



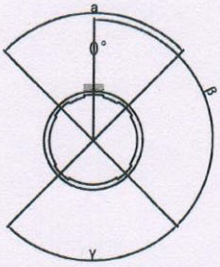
Welded surface  
(焊接面)



Pane hole size  
(面板开孔尺寸)



(Welded mother  
adhesive core)  
焊接型母胶芯



Positive view of the socket  
(插座正视图)

Model(型号) ZC G.3B.P10.C L L  
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(比例)                            | N/A(不适用) | MODEL TYPE<br>型号类型: ZCG.3B.P10.CLL       |
| CHECKED(校对)                      | DATE(日期) | VIEW(视图)                             |          | PART NO. 3B10 core socket<br>名称: 3B10芯插座 |
| APPROVED(审核)                     | DATE(日期) | UNIT(单位)                             | MM       | DWG NO.:                                 |
| REVISIONS                        |          | MATERIAL (材料)                        |          | WEIGHT(重量) SHEET(张) REVISION(修订)         |
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