

## Main technical indicators(主要技术指标)

|                                 |                                                                                                                     |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------|
| 1.Mating (插拔次数)                 | 5000                                                                                                                |
| 2.Working Temperature (温度)      | -55~+150 °C                                                                                                         |
| 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)        | 1650V                                                                                                               |
| 6.Working Voltage (工作电压)        | 1150V                                                                                                               |
| 7.Rated Current (额定电流)          | 13A                                                                                                                 |
| 8.Shell material(壳体材质)          | Brass (chromium plating) shell and chuck nut/( nickel plating) pin sleeve and middleware/黄铜(镀铬) 外壳和夹头螺母/(镀镍)插销套和中间件 |
| 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                                                                                                                 |

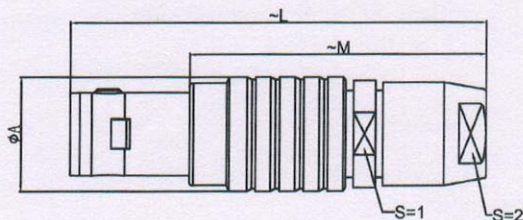
## Sum up(总结)

|                             |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| Series(系列)                  | B                                                                                      |
| Shell style/model (外壳样式/型号) | TGG: Straight plug, cable collet and nut for fitting a bend relief直塞、电缆夹头和螺母, 用于安装弯曲凸起 |
| Button (按键)                 | A button(一个按键)                                                                         |
| Termination type (终止类型)     | Male solder(公焊锡)                                                                       |
| Line diameter awg(线材直径)     | 28-20AWG                                                                               |
| Cable diameterφ (电缆直径)      | φ9.3-10MM                                                                              |
| Matching parts(配件)          | ZGG.3B.P08.CLL                                                                         |

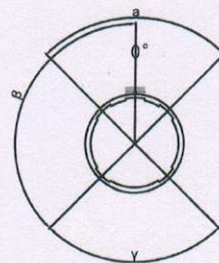
## Location pin combination(定位销组合)

| (编号)<br>Number | Number of<br>positioning pins(定<br>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)                                   | 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% |         |       |



|    | A      | L      | M      | S1     | S2     |
|----|--------|--------|--------|--------|--------|
| MM | φ18    | 58     | 43     | 15.0   | 14     |
| in | 0.7087 | 2.2834 | 1.6929 | 0.5905 | 0.5512 |

Welded surface  
(焊接面)Positive view  
(正视图)Solder core  
(焊接型公胶芯)

TG G. 3B. P08.C L A D 10

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<br>型号类型: TGG.3B.P08.CLAD10 |
| CHECKED(校对)  |  | DATE(日期) |  | VIEW(视图)     |          | PART NO. 3B8-core plug<br>名称: 3B8芯插头  |
| APPROVED(审核) |  | DATE(日期) |  | UNIT(单位)     | MM       | DWG NO.:                              |
| REVISIONS    |  |          |  | MATERIAL(材料) |          | WEIGHT(重量) SHEET(张) REVISION(修订)      |
|              |  |          |  |              |          | 1/1 A0                                |