

| 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)          |  |  | 1000V                                                                                                              |  |  |
| 6.Working Voltage (工作电压)          |  |  | 900V                                                                                                               |  |  |
| 7.Rated Current (额定电流)            |  |  | 6A                                                                                                                 |  |  |
| 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)    |  | 30-22AWG                                                                              |  |  |  |
| Cable diameterφ（电缆直径）      |  | φ7.3-8.2MM                                                                            |  |  |  |
| Matching parts(配件)         |  | ZGG.3B.P20.CLL                                                                        |  |  |  |

| 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)--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)

Solder core  
(焊接型公胶芯)

Positive view  
(正视图)

TG G. 3B. P20.C L A D 82

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                             |
| CHECKED (校对)  |  | DATE(日期) |  | VIEW(视图)      |          | 型号类型: TGG.3B.P20.CLAD82                |
| APPROVED (审核) |  | DATE(日期) |  | UNIT(单位)      | MM       | PART NO. 3B20-core plug<br>名称: 3B20芯插头 |
| REVISIONS     |  |          |  | MATERIAL (材料) |          | DWG NO.:                               |
|               |  |          |  |               |          | WEIGHT(重量)                             |
|               |  |          |  |               |          | SHEET(表)                               |
|               |  |          |  |               |          | REVISION(修订)                           |
|               |  |          |  |               |          | 1/1                                    |
|               |  |          |  |               |          | A0                                     |