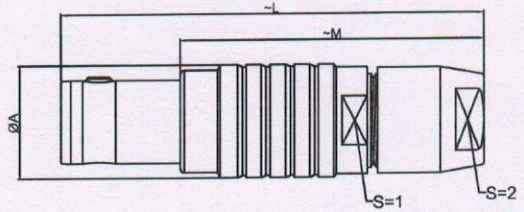


1.View and size(视图及尺寸)

| 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)          | 1350V                                                                                                              |
| 6.Working Voltage (工作电压)          | 1450V                                                                                                              |
| 7.Rated Current (额定电流)            | 10A                                                                                                                |
| 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                                                                                                                |

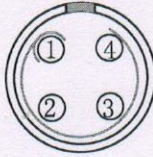


|    | A      | L      | M      | S1     | S2     |
|----|--------|--------|--------|--------|--------|
| MM | ø12    | 43     | 32     | 10.0   | 9      |
| in | 0.4725 | 1.6929 | 1.2598 | 0.3937 | 0.3543 |

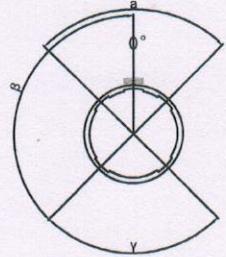
| Sum up(总结)                  |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Series(系列)                  | B                                                           |
| Shell style/model (外壳样式/型号) | TFG: Straight plug, non-latching, cable collet /直塞、非锁套、电缆夹头 |
| 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 diameterø (电缆直径)      | ø4.3-5.2MM                                                  |
| Matching parts(配件)          | ZGG.1B.P04.CLL                                              |

| Location pin combination(定位销组合) |                                          |               |                            |
|---------------------------------|------------------------------------------|---------------|----------------------------|
| (编号)<br>Nunder                  | Number of<br>positioning pins(定<br>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)                                   | γ             | Forty-five<br>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% |         |       |



Welded surface  
(焊接面)



Positive view  
(正视图)



Solder core  
(焊接型公胶芯)

|                                 |                          |
|---------------------------------|--------------------------|
| Model(型号)                       | TF G. 1B. P04.C L A D 52 |
| 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: TFG.1B.P04.CLAD52 |
| CHECKED(校对)                      | DATE(日期) | VIEW(视图)                             |          | PART NO. 1B4-core plug<br>名称: 1B4芯插头  |
| 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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