

## 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(插座端直径) | φ1.3                                                                                                                 |
| 5.Testing Voltage (测试电压)        | 1750V                                                                                                                |
| 6.Working Voltage (工作电压)        | 1650V                                                                                                                |
| 7.Rated Current (额定电流)          | 11A                                                                                                                  |
| 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                                                                                                                  |

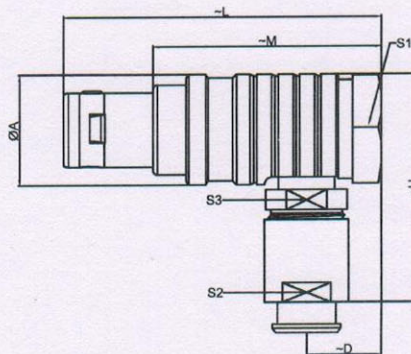
## Sum up(总结)

|                             |                                       |
|-----------------------------|---------------------------------------|
| Series(系列)                  | B                                     |
| Shell style/model (外壳样式/型号) | THG: Elbow plug, cable collet/ 电缆夹头弯头 |
| 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)     | 28-20AWG                              |
| Cable diameterφ (电缆直径)      | φ5.3-6.2MM                            |
| Matching parts(配件)          | ZGG.2B.P07.CLL                        |

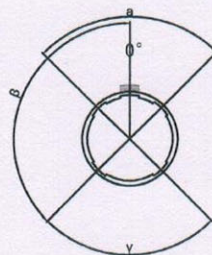
## Location pin combination(定位销组合)

| (编号)<br>Number | Number of<br>positioning pins(定<br>位销数量) | Angle(<br>角度) | Series(系列)-2B           |
|----------------|------------------------------------------|---------------|-------------------------|
| 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)                                   | Y             | 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)                                   | Y             | 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      | D      | H      | L      | M      | S1     | S2     | S3     |
|----|--------|--------|--------|--------|--------|--------|--------|--------|
| MM | 16.5   | 9      | 33     | 41.5   | 29.5   | 14     | 12     | 13     |
| in | 0.6496 | 0.3543 | 1.2992 | 1.6339 | 1.1615 | 0.5512 | 0.4725 | 0.5118 |

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

TH G. 2B. P07.C L A D 62 H

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)

SH means a sheath type, not a cover type.

(H表示护套型, 不表示为不带护套型)

|                                  |          |                                      |          |                                         |
|----------------------------------|----------|--------------------------------------|----------|-----------------------------------------|
| DESIGNED (设计)                    | DATE(日期) | SCALE(比例)                            | N/A(不适用) | MODEL TYPE<br>型号类型: THG.2B.P07.CLAD.62H |
| CHECKED (校对)                     | DATE(日期) | VIEW(视图)                             |          | PART NO. 2B7-core plug<br>名称: 2B7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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