

## (1)Product main performance/产品主要性能指标

Endurance (Shell)/壳体拔插次数: 5000

Operating Temperature/工作温度:  $-55^{\circ}\text{C}\sim+170^{\circ}\text{C}$

Humidity(max)/最大潮湿: $\leq 95\%$  [at 60 deg C / 140 F]

Vibration/振动:15 g [10 Hz - 2000 Hz]

Shock Resistance/冲击:100 g [ 6 ms]

Salt Spray Corrosion/盐雾: $>144$  hr

Shielding (min)/屏蔽性能:75 dB (10 MHz)

Shielding(min)/屏蔽性能:40 dB (1 GHz)

P op(max)/最大环境压力:60 bar (870 psi)

## OTHER CHARACTERISTICS /其他性能

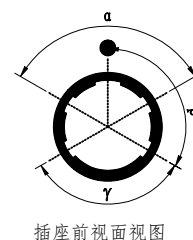
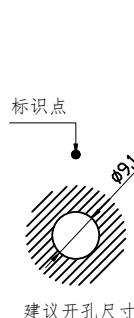
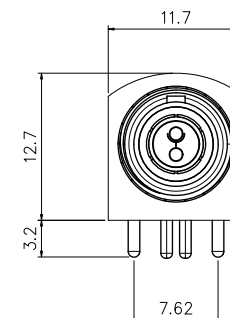
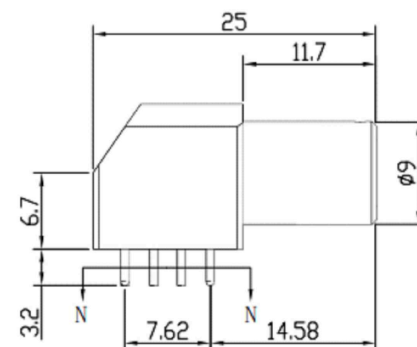
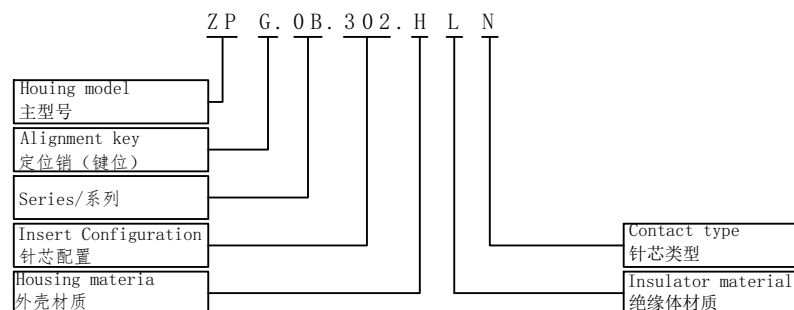
Housing Material/壳体材料: 外壳体为铜合金, 表面镀铬镍

Insulator/绝缘体材料:PPS

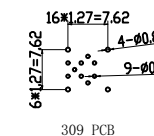
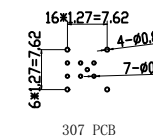
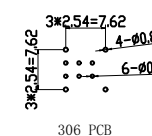
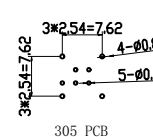
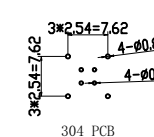
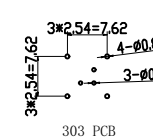
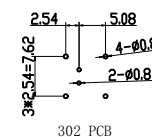
Contact PIN/接触针芯: Gold plated plated bronze/磷青铜镀金

IP rating(when mated)/防水等级(插合时): IP50

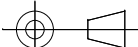
## (2)Part Nunmbering System



| 键位 | 键位数量 | 角度   |
|----|------|------|
| G  | 1    | 0°   |
| A  | 2    | 30°  |
| B  | 2    | 60°  |
| C  | 2    | 90°  |
| D  | 2    | 135° |
| E  | 2    | 145° |
| F  | 2    | 155° |
| J  | 2    | 45°  |
| K  | 2    | 70°  |



| Insert Cofiguration<br>针芯配置        | 302                       | 303  | 304 | 305 | 306 | 307 | 309 |
|------------------------------------|---------------------------|------|-----|-----|-----|-----|-----|
| Pin Number(View N)<br>针芯排列N向       |                           |      |     |     |     |     |     |
| Pin Size<br>接触体直径 (mm)             | 0.9                       | 0.9  | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 |
| Withstand voltage<br>耐电压 (V) (AC)  | 1000                      | 1000 | 800 | 800 | 700 | 700 | 650 |
| Rated Current<br>额定电流 (A)          | 7.0                       | 7.0  | 5.0 | 5.0 | 2.5 | 2.0 | 2.0 |
| Insulation resistance<br>绝缘电阻 (MΩ) | $\geq 5000\text{M}\Omega$ |      |     |     |     |     |     |
| R(max)<br>接触电阻 (mΩ)                | 6                         | 6    | 7.5 | 7.5 | 10  | 10  | 10  |

|                                                                                                             |            |                |              |        |                                                                                       |                              |
|-------------------------------------------------------------------------------------------------------------|------------|----------------|--------------|--------|---------------------------------------------------------------------------------------|------------------------------|
| GENERAL TOLERANCE<br>(UNLESS SPECIFIED)                                                                     | 绘图<br>DWN  | Y.Z 2026.05.13 |              |        |  |                              |
| ≤10 ±0.15<br><10~≤20 ±0.25<br><20~≤50 ±0.5<br>Angle ±1°                                                     | 确认<br>CHK  |                |              |        | 品 名<br>TITLE                                                                          | 0B系列90度弯角式孔型插座 2芯，<br>PCB插板式 |
| <br>视 角<br>THIRD ANGLE | 核准<br>APVD |                |              |        | 品 号<br>PART NO                                                                        | C160201-00098                |
|                                                                                                             | 单位<br>UNIT | MM             | 版本<br>REV    | A      | 型 号<br>DRAWING NO                                                                     | ZPG. 0B. 302. HLN            |
|                                                                                                             | 尺寸<br>SIZE | A4             | 页 码<br>SHEET | 1 OF 1 |                                                                                       |                              |