

OF series connectors provide the following main features:

- ## 2) 技术特性/Technical Characteristics

使用环境/Environment: 室外/outdoor

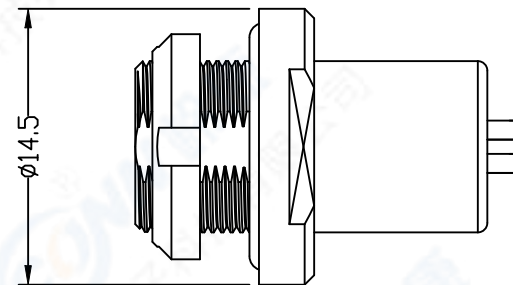
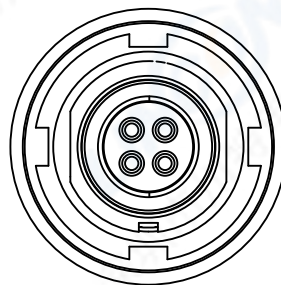
温度等级/Rated Temperature:  $-25^{\circ}$ ,  $+150^{\circ}$

寿命/Durability: >500 mate/unmate cycles

盐雾/Corrosion Resistance: Salt spray test>144h

防水等級/Protection index:IP67/IP66

Note: IP67 achieved providing that the cable is perfectly circular and that assembly process ensures a high integrity seal.



### 3) 編碼原則/Part Number

固定式插座/Fixed socket

G8 0F 304 C L L

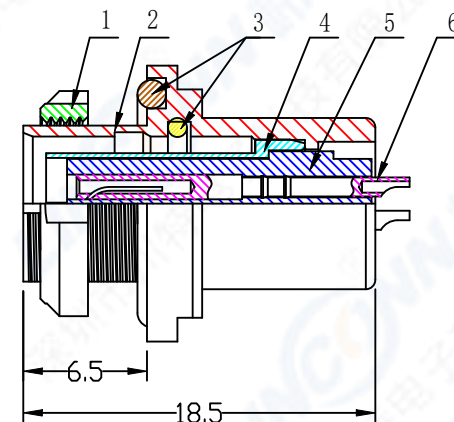
主型號/Key System( I ) -

焊接式/Sold Tpye

绝缘体/PPS Insulator

針數/Pin Number (II)

外壳/Outer Shell



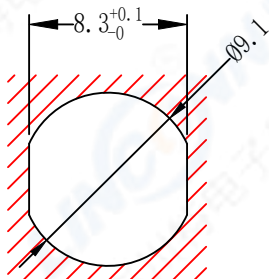
#### 4) 编码说明/Part number example

針数/Pin Number (I)

| 系 列/Series          | 302                                                                               | 303                                                                               | 304                                                                               | 305                                                                               | 306                                                                               | 307                                                                               | 309                                                                               |
|---------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 孔位排列/Pin Number     |  |  |  |  |  |  |  |
| 接觸體直徑/Pin size      | 0.9mm                                                                             | 0.9mm                                                                             | 0.7mm                                                                             | 0.7mm                                                                             | 0.5mm                                                                             | 0.5mm                                                                             | 0.5mm                                                                             |
| 適配線徑/Conductor size | 20AWG                                                                             | 20AWG                                                                             | 22AWG                                                                             | 22AWG                                                                             | 28AWG                                                                             | 28AWG                                                                             | 28AWG                                                                             |
| 額定電流/Rated current  | 10A                                                                               | 8A                                                                                | 7A                                                                                | 6.5A                                                                              | 2.5A                                                                              | 2.5A                                                                              | 2A                                                                                |

|            |                                              |
|------------|----------------------------------------------|
| 6          | 母针芯/Pin: 磷铜镀金/Phosphor copper,Gold plated    |
| 5          | 绝缘体/Insulator: PPS                           |
| 4          | 接地环/Earthing crown: 黄铜镀镍/Brass,Nickel plated |
| 3          | 密封圈/O-RING: 橡胶/Rubber                        |
| 2          | 外壳/Outer shell: 黄铜镀铬/Brass,Chrome plated     |
| 1          | 开槽螺母/Notched nut: 黄铜镀镍/Brass,Nickel plated   |
| 序号<br>ITEM | 名称 & 规格/Name & Description                   |

5) 面板開孔尺寸/Hole Size



|                                                                                      |           |                                                                                                          |            |                                                                                                                       |      |
|--------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------------------------|------|
|  | SCALE     | TOLERANCES ARE:<br>DECIMALES      ANGLES<br>$\begin{matrix} \times \pm \\ \cdot \times \pm \end{matrix}$ |            | TITLE:      固定式插座/Fixed socket                                                                                        |      |
|                                                                                      | F         |                                                                                                          |            |                                                                                                                       |      |
| SHEET                                                                                | DIMENSION | APPROVALS                                                                                                | DATE       | PART NO.                                                                                                              | REV. |
| 1 OF 1                                                                               | MM        | APPROVED:                                                                                                |            | G8 0F 304 CLL                                                                                                         | *    |
| DWG NO.                                                                              | REV.      | CHECKED:                                                                                                 |            |  <b>Linconn Elc Tech Co.,LTD</b> |      |
| G80F                                                                                 | AO        | CHECKED:                                                                                                 |            |                                                                                                                       |      |
|                                                                                      |           | DRAWN:      pengsen                                                                                      | 03/24/2014 |                                                                                                                       |      |