



# INSTALLATION INSTRUCTIONS

安 装 说 明 书

ST549000-A(B/C/D/E)-2.5(4) ST550000-A(B/C/D/E)-2.5(4)

# TL300 1POS Connector Assemble Specification (Shielding Cable)

## TL300 1POS 组装式插头安装规范（屏蔽线）

1 取出连接器 Pick out the connector

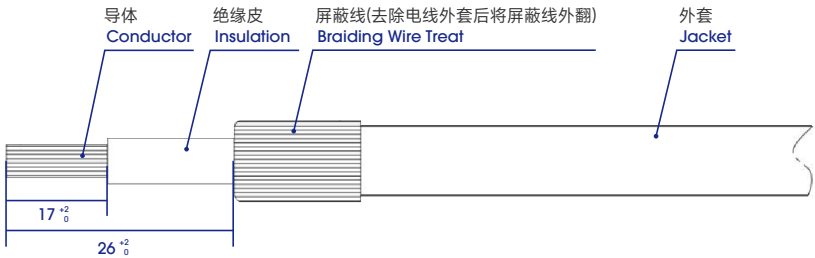


90度插头 ( 90D Plug)

2 根据表格《电线压接后的拉拔力要求》，选择符合要求的屏蔽线缆  
Choose suitable Shielding Cable According to Table 《Crimp Tensile Requirement》

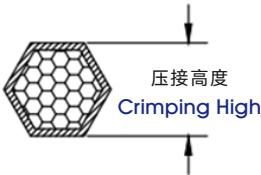
3 按要求剥线 Strip Cable As Required

| 连接器系列<br>Connector Series | 剥线长度 Strip Length |         |
|---------------------------|-------------------|---------|
|                           | A(mm)             | B(mm)   |
| 300系列 Series              | 17+2/-0           | 26+2/-0 |



3 电线压接后的拉拔力要求 Crimp Tensile Requirement

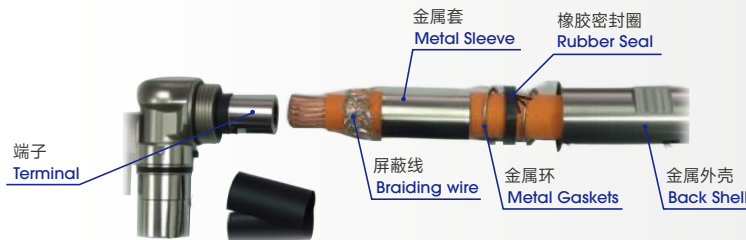
| 连接器系列<br>Connector Series | 电线尺寸<br>Cable Size | 适合电线外径<br>suitable Wire OD | 压接高度<br>Crimping High | 参考抗拉拔力<br>Refer to the tensile strength |
|---------------------------|--------------------|----------------------------|-----------------------|-----------------------------------------|
| 300系列 Series              | 35mm <sup>2</sup>  | 14.5±0.5                   | 9.6+0/-0.2            | 2200N                                   |
|                           | 50mm <sup>2</sup>  | 17.0±0.5                   | 12.0+0/-0.2           | 2700N                                   |
|                           | 70mm <sup>2</sup>  | 19.5±0.5                   | 13.2+0/-0.2           | 3300N                                   |
|                           | 95mm <sup>2</sup>  | 20.3±0.5                   | 16.0+0/-0.2           | 4200N                                   |



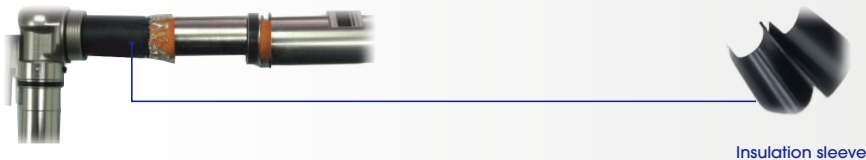
# 1POS 90D Connector Assemble Specification

## 1POS 90D 组装式插头安装规范

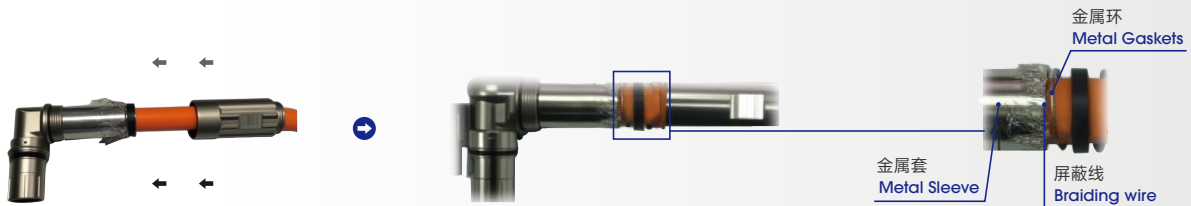
**Steps 1 / 步骤一** 拆开连接器，将里面的零件按下图套在剥好皮的电线上  
Take the connector apart , put all components on consolidated as shown.



**Steps 2 / 步骤二** 按IPC/VHMA-A-6020A 标准压接端子，然后将绝缘套安装在电线上  
Crimp the terminal per IPC/WHMA-A-6020A standard , then assemble the insulation sleeve.



**Steps 3 / 步骤三** 套上金属套,将金属环与屏蔽线、金属套紧密接触  
Assemble metal sleeve,Make metal gasket、metal sleeve together,then braiding wire will be between the gasketand metal sleeve , and touch well



**Steps 4 / 步骤四** 锁紧金属外壳完成组装，螺母锁紧力矩为10~12 N/m  
Screw the back shell with 10~12 N/m torque

