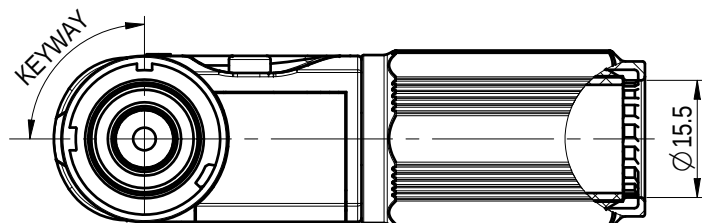
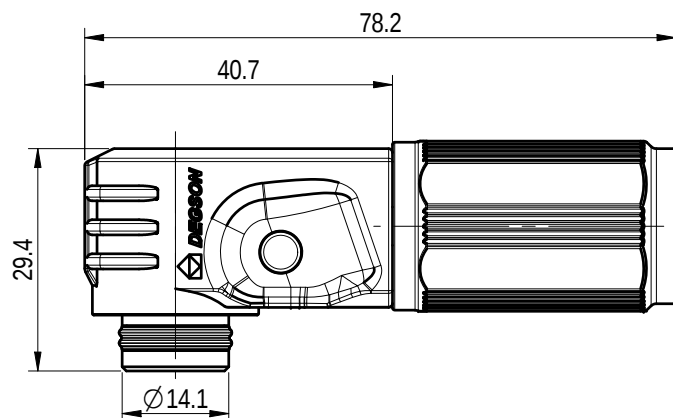
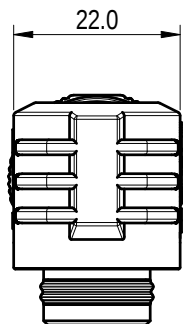




正极尺寸“+”  
负极尺寸“-”



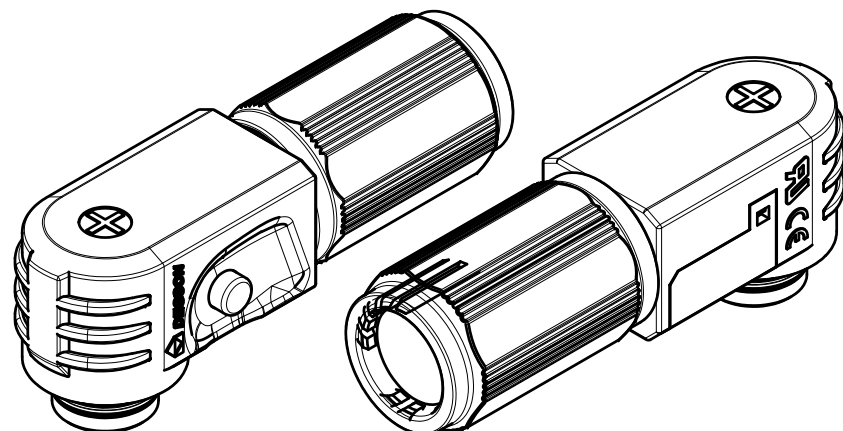
ESP-200A-50-XX-XX

Keyway: 90:90° 正极  
18:180° 负极

Color: BK:Black 负极  
OR:Orange 正极  
RD:Red 正极

| 尺寸公差(mm) |       |       |       |       | 0.05/10<br>±1° |
|----------|-------|-------|-------|-------|----------------|
| 0        | >30   | >60   | >100  | >150  |                |
| ~30      | ~60   | ~100  | ~150  | ~150  |                |
| ±0.20    | ±0.30 | ±0.50 | ±0.70 | ±1.00 |                |

| 技术要求/Technical requirements:                |                                      |
|---------------------------------------------|--------------------------------------|
| 颜色/Color                                    | Black, Orange, Red                   |
| 锁紧方式/Locking method                         | 卡扣(Buckle)                           |
| 接线方式/Terminal                               | Crimp                                |
| 外壳材料/Housing material                       | PA+GF                                |
| 接触件材料/Connector material                    | 铜合金(Copper alloy)                    |
| 插入力/Insertion force                         | 100N Max                             |
| 拔出力/Withdrawal force                        | >10N                                 |
| 插拔次数/Mechanical working life(mating cycles) | 100                                  |
| 接线规格/Wiring specifications                  | 1/0AWG or 50mm²                      |
| 线径OD(Wire diameter)                         | 12.5~14mm                            |
| 建议剥线长度/Suggested stripping length           | 13~14mm                              |
| 额定电压/Rated voltage                          | 1500V DC                             |
| 额定电流/Rated current                          | 200A                                 |
| 绝缘电阻/Insulate resistance                    | ≥5000MΩ (drying)                     |
| 耐电压/Withstanding voltage                    | 6800V/min                            |
| 接触电阻/Contact resistance                     | ≤0.5mΩ                               |
| 过电压等级/Overvoltage category                  | III                                  |
| 污染等级/Pollution degree                       | 3                                    |
| 防护等级/Ingress protection                     | IP67 (Mated)                         |
| 使用温度范围/Operating temperature(°C)            | -40~+125(including temperature rise) |
| 盐雾/Salt spray                               | 48H                                  |
| 储存温度/Storage temperature(°C)                | -40~+85                              |
| 阻燃等级/Flame retardant ability                | UL94-V0                              |
| 符合RoHS环保要求/Conform to RoHS                  | Yes                                  |
| UL4128认证/UL4128 certification               | E526028                              |
| TUV认证/TUV certification                     | 50581738                             |
| 满足户外使用/Satisfy outdoor use                  | Yes                                  |



|                                                                                       |     |                                                                                       |                                                                                            |  |                |  |
|---------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--|----------------|--|
|  |     |                                                                                       | MATERIAL:                                                                                  |  | SURFACE/COLOR: |  |
|                                                                                       |     |                                                                                       | MAT NO./REV: /                                                                             |  | MAT STATUS:    |  |
| APPD:                                                                                 | 刘剑  | 2024.01.24                                                                            | NAME<br><br>ESP-200A-50-XX-XX                                                              |  |                |  |
| CHKD:                                                                                 | 于进海 | 2024.01.21                                                                            |                                                                                            |  |                |  |
| DRFT:                                                                                 | 张晓瑶 | 2024.01.17                                                                            | DRAWING NO. 200268716<br>TYPE CUSTOMER DRAWING<br>DRAWING STATUS<br>SCALE 2:1<br>SHEET 1/1 |  |                |  |
|  | A4  |  |                                                                                            |  |                |  |