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FOR-1755 Rev.1.8

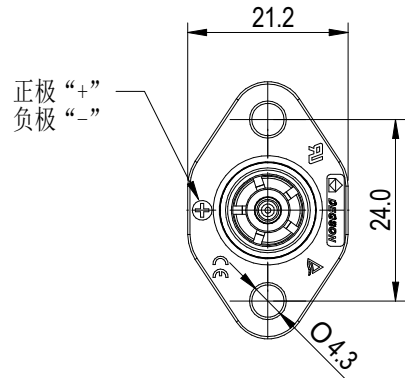
2

3

4

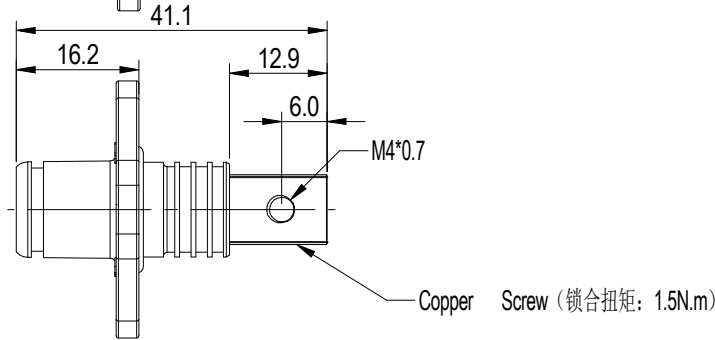
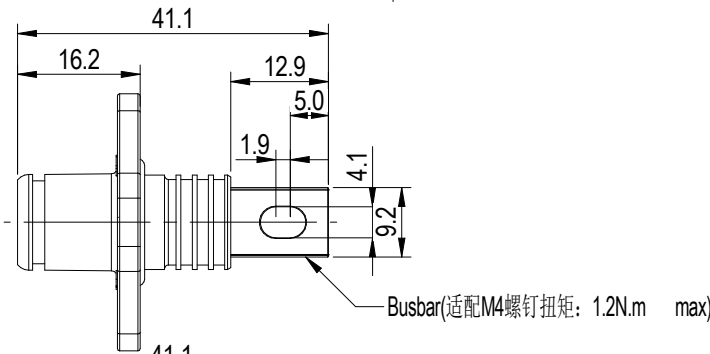
5

6

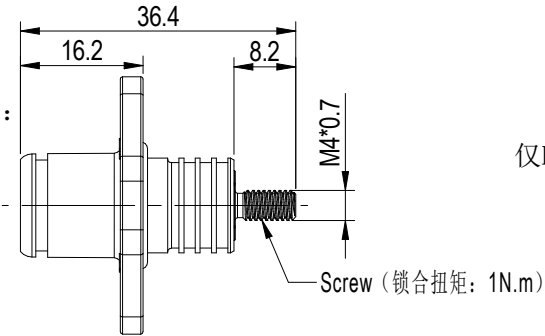


其他接线方式:

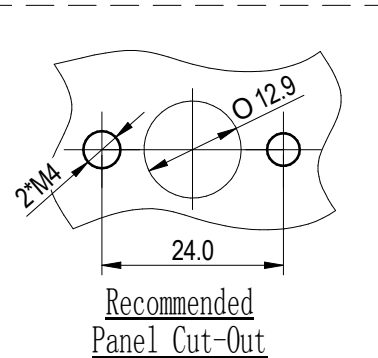
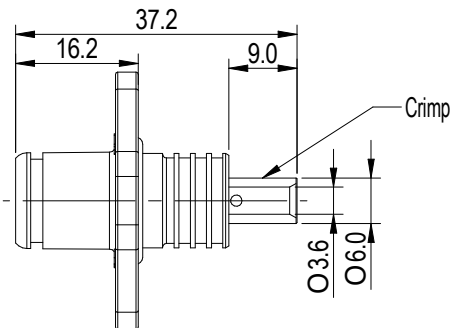
形式一:



形式二:



形式三:



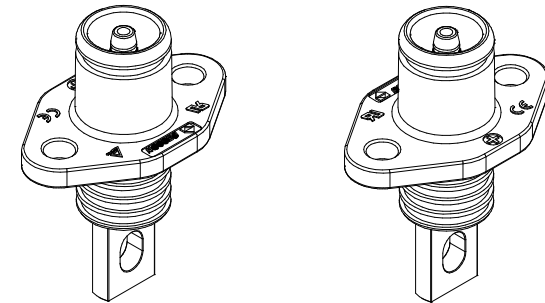
Recommended  
Panel Cut-Out

| 01  | ECN | DESCRIPTION | DRFT | DATE |
|-----|-----|-------------|------|------|
| REV | ECN | DESCRIPTION | DRFT | DATE |

| 尺寸公差 (mm) |       |       |       |       | 0.05/10<br>±1° |
|-----------|-------|-------|-------|-------|----------------|
| 0         | >30   | >60   | >100  | >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                               | Busbar, Screw, Crimp, Copper Screw   |
| 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                         | 65N Max                              |
| 拔出力/Withdrawal force                        | >10N                                 |
| 插拔次数/Mechanical working life(mating cycles) | 100                                  |
| 安装螺母紧固扭矩/Screw torque                       | M4/0.4~0.7N.m                        |
| 接线规格/Wiring specifications                  | 10AWG or 6mm²                        |
| 建议剥线长度/Suggested stripping length           | 7~8mm (Crimp type)                   |
| 额定电压/Rated voltage                          | 1000V DC                             |
| 额定电流/Rated current                          | 50A                                  |
| 绝缘电阻/Insulate resistance                    | ≥500MΩ (drying)                      |
| 耐电压/Withstanding voltage                    | 4250V/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               | E530802                              |
| TUV认证/TUV certification                     | 50581738                             |
| 满足户外使用/Satisfy outdoor use                  | Yes                                  |

仅Busbar的形式3D展示:



|                                                                                                     |                                                                                       |  |                    |  |                  |  |                |       |       |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|--------------------|--|------------------|--|----------------|-------|-------|
|  <b>DEGSON</b> |                                                                                       |  | MATERIAL:          |  | SURFACE/COLOR:   |  |                |       |       |
|                                                                                                     |                                                                                       |  | MAT NO. /REV: /    |  | MAT STATUS:      |  |                |       |       |
| APPD: 刘剑                                                                                            | 2024. 01. 24                                                                          |  | NAME               |  |                  |  |                |       |       |
| CHKD: 于进海                                                                                           | 2024. 01. 21                                                                          |  | ESS-50A-06-X-XX-00 |  |                  |  |                |       |       |
| DRFT: 张晓瑶                                                                                           | 2024. 01. 17                                                                          |  | DRAWING NO.        |  | TYPE             |  | DRAWING STATUS | SCALE | SHEET |
|  A4            |  |  | 200269245          |  | CUSTOMER DRAWING |  |                | 1: 1  | 1/1   |