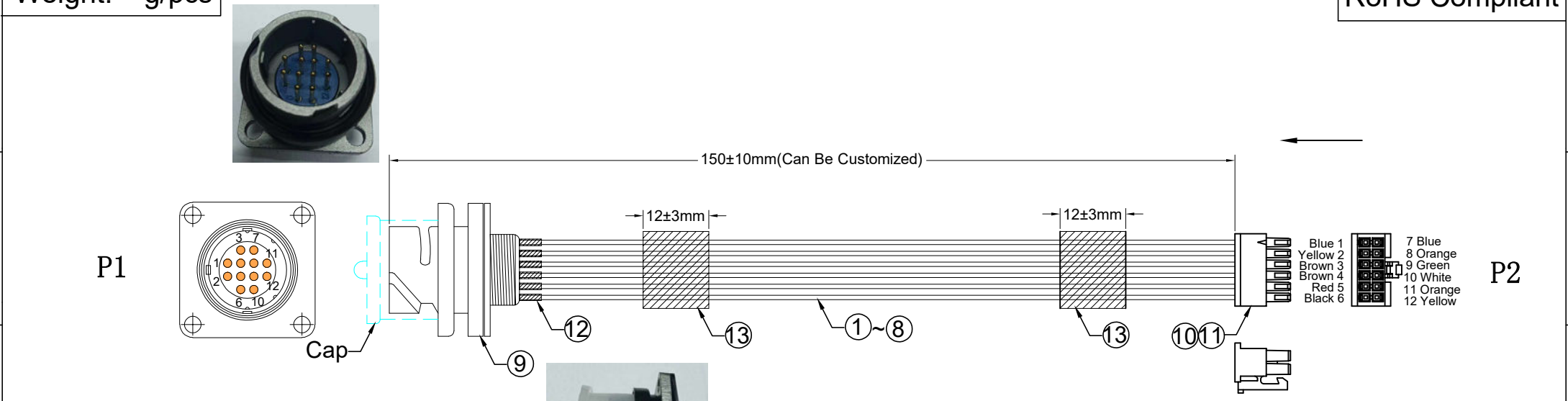




Technical requirements:  
-No defects such as short circuit, open circuit, misalignment, etc.  
-Compliant with ROHS/RACEH requirements  
-Tensile Strength Standard Compliant with UL486A

| PIN ASSIGNMENT |               |        |    |
|----------------|---------------|--------|----|
| P1             | Name          | Color  | P2 |
| 1              | Contact 1     | Orange | 11 |
| 2              | Contact 2     | Yellow | 12 |
| 3              | Sound +       | Brown  | 3  |
| 4              | PWR + (5-12B) | Red    | 5  |
| 5              | PWR -         | Black  | 6  |
| 6              | USB D+        | Green  | 9  |
| 7              | USB D-        | White  | 10 |
| 8              | ON_BUTTON     | Blue   | 7  |
| 9              | ON_BUTTON_EXT | Orange | 8  |
| 10             | Sound -       | Brown  | 4  |
| 11             | PAL_GND       | Blue   | 1  |
| 12             | PAL_SIGNAL    | Yellow | 2  |

|    |                      |                                                                       |      |     |        |
|----|----------------------|-----------------------------------------------------------------------|------|-----|--------|
| 13 | HTB-ID700            | Heat Shrink Tube Ø:7.0mm Color:Black L:12mm*2PCS                      | MM   | 24  |        |
| 12 | HTB-ID200            | Heat Shrink Tube Ø:2.0mm Color:Black L:10mm*12PCS                     | MM   | 120 |        |
| 11 | SCT25414H-206B0WT173 | SMTC 2.54mm PA66 V0 White 2x06Pin With Lock Double Row Housing        | PCS  | 1   |        |
| 10 | SCT25414TPS173       | SMTC 2.54mm Phosphor Bronze Tin Plated Terminal 20-24AWG              | PCS  | 12  |        |
| 9  | SCTFQ18-12PZJX513    | FQ18 12Pin Waterproof Socket,Black Rubber dust cover                  | PCS  | 1   |        |
| 8  | UL326622TSBNP1201    | UL 3266 22AWG(7/0.16TS) OD:1.6mm XLPE Wire Color: Brown L=134mm*2PCS  | MM   | 268 |        |
| 7  | UL326622TSOGP1201    | UL 3266 22AWG(7/0.16TS) OD:1.6mm XLPE Wire Color: Orange L=134mm*2PCS | MM   | 268 |        |
| 6  | UL326622TSYLP1201    | UL 3266 22AWG(7/0.16TS) OD:1.6mm XLPE Wire Color: Yellow L=134mm*2PCS | MM   | 268 |        |
| 5  | UL326622TSBLP1201    | UL 3266 22AWG(7/0.16TS) OD:1.6mm XLPE Wire Color: Blue L=134mm*2PCS   | MM   | 268 |        |
| 4  | UL326622TSWTP1201    | UL 3266 22AWG(7/0.16TS) OD:1.6mm XLPE Wire Color: White               | MM   | 134 |        |
| 3  | UL326622TSGNP1201    | UL 3266 22AWG(7/0.16TS) OD:1.6mm XLPE Wire Color: Green               | MM   | 134 |        |
| 2  | UL326622TSBKP1201    | UL 3266 22AWG(7/0.16TS) OD:1.6mm XLPE Wire Color: Black               | MM   | 134 |        |
| 1  | UL326622TSRDP1201    | UL 3266 22AWG(7/0.16TS) OD:1.6mm XLPE Wire Color: Red                 | MM   | 134 |        |
| NO | PART NO              | DESCRIPTION                                                           | UNIT | QTY | REMARK |

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|                                                                                                             |                         |          |              |
|-------------------------------------------------------------------------------------------------------------|-------------------------|----------|--------------|
| TOLERANCES: ±0.3mm                                                                                          |                         | UNIT: mm | PAGE/ 1 of 1 |
| SCT P/N                                                                                                     | W0006                   | Rev      | A            |
| CUSTOMER P/N                                                                                                |                         |          |              |
| CUSTOMER                                                                                                    | Waterproof Wire Harness |          |              |
| TITLE: FQ18 12Pin Waterproof Socket to SCT25414H-2x06Pin Housing<br>UL3266 22AWG L=150mm(Can Be Customized) |                         |          |              |

| REVISIONS |                 |            |         | DATE        | 2025.06.03 |
|-----------|-----------------|------------|---------|-------------|------------|
| REV       | DESCRIPTION     | DATE       | ECN NO. | DRAWN BY    | Yao        |
| A         | INITIAL RELEASE | 2025.06.03 |         | CHECKED BY  | Xiong      |
|           |                 |            |         | APPROVED BY | Lisa       |

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