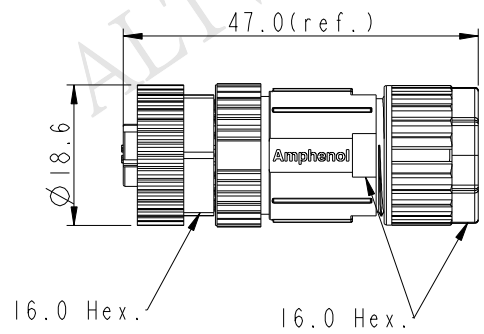
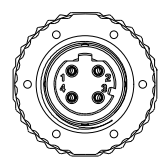
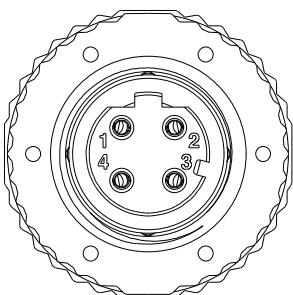
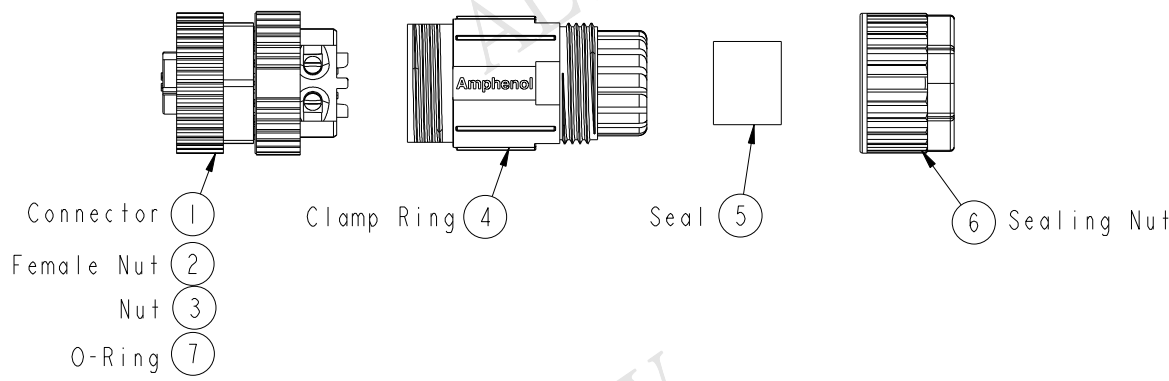


|   |   |   |   |        |                         |                 |                                    |
|---|---|---|---|--------|-------------------------|-----------------|------------------------------------|
| F | 2 | 3 | 4 | 5      | 6                       | 7               | 8                                  |
|   |   |   |   | REV. A | ECN NO. Initial Release | DATE 2015/10/13 | SIGN Mila                          |
|   |   |   |   |        |                         |                 | DESCRIPTION Change Rev.01 To Rev.A |
| E |   |   |   |        |                         |                 |                                    |
|   |   |   |   |        |                         |                 |                                    |
| D |   |   |   |        |                         |                 |                                    |
|   |   |   |   |        |                         |                 |                                    |
| C |   |   |   |        |                         |                 |                                    |
|   |   |   |   |        |                         |                 |                                    |
| B |   |   |   |        |                         |                 |                                    |
|   |   |   |   |        |                         |                 |                                    |
| A |   |   |   |        |                         |                 |                                    |
|   |   |   |   |        |                         |                 |                                    |

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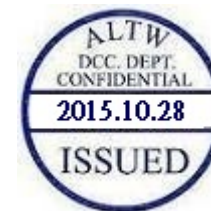
UNIT:mm  
 TOLERANCE  
 ±0.5mm

TITLE  
 M12 D-Code Unshielded Assy  
 4PIN F Conn. F Pin  
 SCALE 1:1  
 SIZE A4  
 SHEET 1 OF 2  
 REV. A  
 WC-REV. A.2  
 QC: Inspection item

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|                                |                      |                    |
|--------------------------------|----------------------|--------------------|
| ITEM NO.<br>MSDP-04BFFB-SL7001 | DRAWN BY<br>Mila     | DATE<br>2015-10-13 |
| DWG NO.<br>MSDP-04BFFB-SL7001  | CHECKED BY<br>Cary   | DATE<br>2015-10-13 |
| CUSTOMER<br>ALTW               | APPROVED BY<br>Jerry | DATE<br>2015-10-13 |

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M SDP - 04 B F F B - S L 7 001

SDP: D-Code Plastic Nut

04: 4Pin

B: Without S/R(無網尾)

F: Female Connector(母座)

F: Female Pin(母Pin)

001: Without Cable

7: IP67(防水等級67)

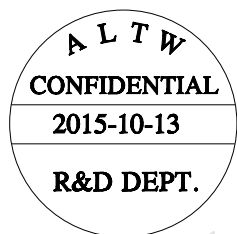
L: Straight(180°)

S: Screw(螺紋式)

B: Screw in Type(組裝式)

## Note:

- \* Important Dimension To Check.
- \* Waterproof Rate: IP67
- \* Housing: Nylon, Black
- \* Female Pin: Copper Alloy, Gold Plated
- \* Female Nut: PBT+PC, Black
- \* Nut: PBT+PC, Black
- \* O-Ring: Silicon, Grey
- \* Clamp Ring: Nylon, Black
- \* Sealing Nut: PBT+PC, Black
- \* Seal: Silicon, Grey
- \* Seal For Cable OD:  $\varnothing 4.0\text{mm} \sim \varnothing 8.0\text{mm}$
- \* Screws for Wire connection recommended tightening torque:  $0.61 \sim 0.84 \text{ kgf.cm} / 0.059 \sim 0.082 \text{ N.m}$
- \* Applicable Wire gauge (Stranded wire cross section)  $0.14\text{mm}^2$  (26AWG)  $\sim 0.82\text{mm}^2$  (18AWG)
- \* Mating Recommended tightening torque:  $3 \sim 4 \text{ kgf.cm} / 0.29 \sim 0.39 \text{ N.m}$
- \* Sealing-Nut Recommended tightening torque:  $4 \sim 6 \text{ kgf.cm} / 0.39 \sim 0.59 \text{ N.m}$
- \* Detailed applicable wire specifications may vary depending on the actual wire construction.



|                                 |  |                |                 |                                                           |                  |                               |                      |                    |
|---------------------------------|--|----------------|-----------------|-----------------------------------------------------------|------------------|-------------------------------|----------------------|--------------------|
| UNIT:mm                         |  |                |                 | TITLE<br>M12 D-Code Unshielded Assy<br>4PIN F Conn. F Pin |                  | ITEM NO<br>MSDP-04BFFB-SL7001 | DRAWN BY<br>Mila     | DATE<br>2015-10-13 |
| TOLERANCE<br>$\pm 0.5\text{mm}$ |  | SCALE<br>1:1   | SIZE<br>A4      | SHEET<br>2                                                | OF<br>2          | DWG NO<br>MSDP-04BFFB-SL7001  | CHECKED BY<br>Cary   | DATE<br>2015-10-13 |
| REV.<br>A                       |  | WC-REV.<br>A.2 | Inspection item |                                                           | CUSTOMER<br>ALTW |                               | APPROVED BY<br>Jerry | DATE<br>2015-10-13 |

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