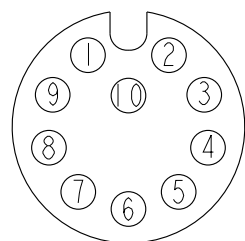
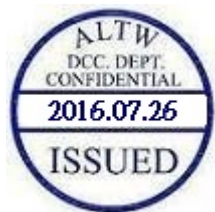
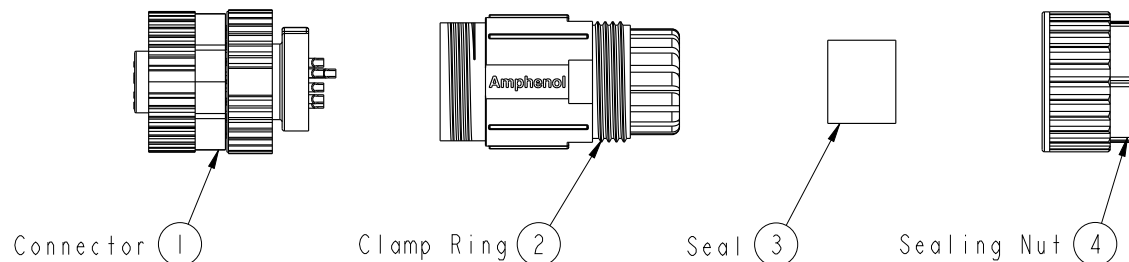
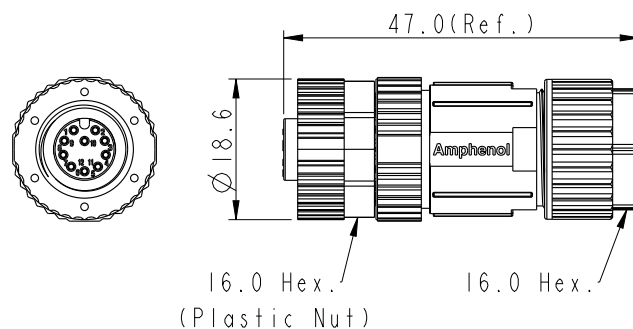




| REV. | ECN NO.    | DATE       | SIGN        | DESCRIPTION      |
|------|------------|------------|-------------|------------------|
| B    | LEN1670556 | 2016/07/22 | Yulong_wang | Change the Note. |
|      |            |            |             |                  |
|      |            |            |             |                  |



Pin Assignments  
Front View



Note:

- \* Ⓢ Important Dimension To Check.
- \* Waterproof Rate: IP67
- \* Housing: Nylon, Black.
- \* Female Pin: Copper Alloy, Gold Plated.
- \* Nut: PBT+PC, Black.
- \* O-Ring: Silicone, Grey.
- \* Clamp Ring: Nylon, Black.
- \* Sealing Nut: PBT+BC, Black.
- \* Seal: Silicone, Grey.
- \* Seal For Cable OD:  $\varnothing 4.0\text{mm} \sim \varnothing 8.0\text{mm}$ .
- \* Applicable Wire gauge (Stranded wire cross section) 26AWG~24AWG
- \* Mating Recommended tightening torque:  
3~4 kgf.cm / 0.29~0.39 N.m
- \* Sealing-Nut Recommended tightening torque:  
4~6 kgf.cm / 0.39~0.59 N.m
- \* Detailed applicable wire specifications may vary depending on the actual wire construction.

|           |               |
|-----------|---------------|
| UNIT:mm   |               |
| TOLERANCE |               |
| .X        | $\pm 0.25$    |
| .XX       | $\pm 0.1$     |
| .XXX      | $\pm 0.05$    |
| ANGLES    | $\pm 1^\circ$ |

|                                                      |                |                     |  |
|------------------------------------------------------|----------------|---------------------|--|
| TITLE<br>M12A Unshielded Assy<br>10Pin F Conn. F Pin |                |                     |  |
| SCALE<br>1:1                                         | SIZE<br>A4     | SHEET<br>1 OF 1     |  |
| REV.<br>B                                            | WC-REV.<br>A.3 | QC: Inspection item |  |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

|                               |                         |                    |
|-------------------------------|-------------------------|--------------------|
| ITEM NO<br>MSAP-10BFFA-SL7001 | DRAWN BY<br>Yulong_wang | DATE<br>2016-07-22 |
| DWG NO<br>MSAP-10BFFA-SL7001  | CHECKED BY<br>Jinhai    | DATE<br>2016-07-22 |
| CUSTOMER<br>ALTW              | APPROVED BY<br>Jerry    | DATE<br>2016-07-22 |