

| REV. | ECN NO.    | DATE       | SIGN    | DESCRIPTION          |
|------|------------|------------|---------|----------------------|
| B    | LEN14A0200 | 2014/10/14 | Jinhai  | Change Conn Material |
| C    | CI90828    | 2019/05/28 | Cynthia | $\triangle$ C X2     |

Nut Plate (5)

Screw (6)

Sealing Nut (4)

Gasket (3)

Clamp Ring (2)

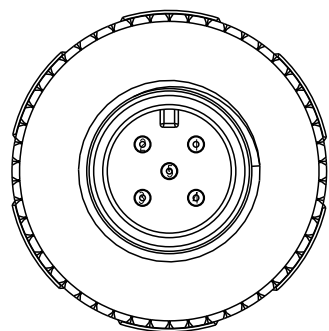
(1) Connector

Conn.

ALTW  
CONFIDENTIAL  
2019-05-28  
R&D DEPT.

Note:

- \*  $\varnothing$  Important Dimension.
- \* Waterproof Rate : IP67
- \*  $\triangle$  Connector: PP, Black
- \* Pin: Copper Alloy, Gold Plated
- \* Holder: Nylon+GF, Black
- \* Insulator: PVC, Black
- \* Clamp Ring: Nylon, Black
- \* Gasket: Silicone, Gray
- \* Sealing Nut: Nylon, Black
- \* Nut: Copper Alloy, Nickel Plated
- \* Seals For Cable OD  $\varnothing$  4.5mm~ $\varnothing$  7.5mm
- \* Temperature Range: -20°C~+70°C.

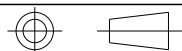


Pin Assignments  
Front View

|            |        |        |                 |
|------------|--------|--------|-----------------|
| 5          | NET-L  | Signal | Blue 藍 (24AWG)  |
| 4          | NET-H  | Signal | White 白 (24AWG) |
| 3          | NET-C  | Power  | Black 黑 (22AWG) |
| 2          | NET-S  | Power  | Red 紅 (22AWG)   |
| 1          | Shield | Drain  | Bare (22AWG)    |
| Conn. Name |        | Pair   | Wire Color      |

Pin Out

UNIT:mm



TOLERANCE  
.X ±0.25  
.XX ±0.1  
.XXX ±0.05  
ANGLES ±1°

TITLE

NMEA 2000 Micro-screw in ,  
Male Conn Male Pin

SCALE

1:1

SIZE

A4

SHEET

1

OF

1

REV.

C

WC-REV.

B.2

 $\varnothing$  C

Inspection item

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO

UMC-05BMMB-SL7001

DWG NO

UMC-05BMMB-SL7001

CUSTOMER

ALTW

DRAWN BY

Cynthia

CHECKED BY

Wen

APPROVED BY

Neo

DATE

2019-05-28

DATE

2019-05-28

DATE

2019-05-28