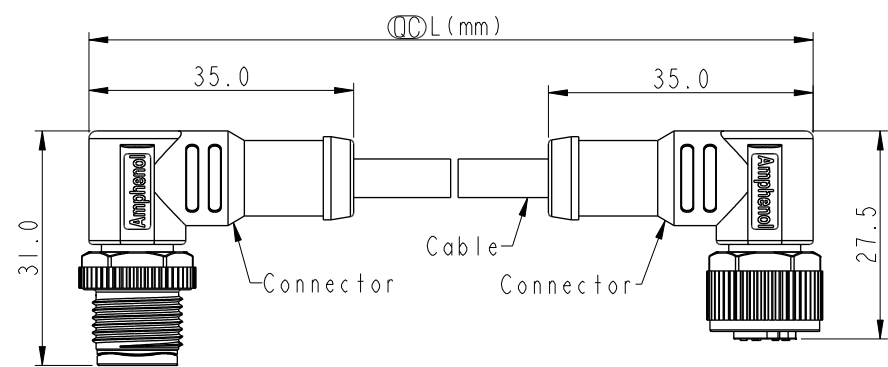


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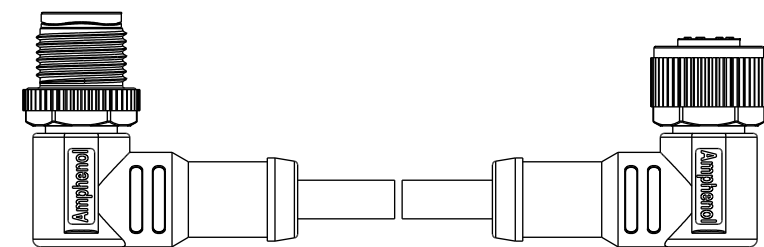
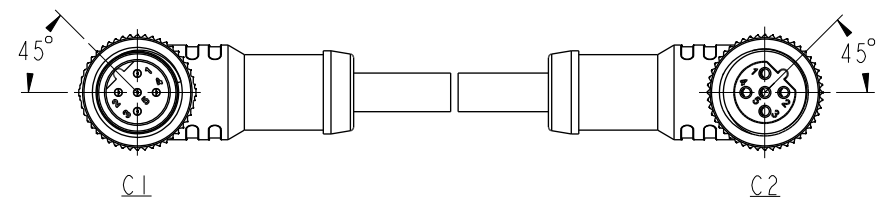
| REV. | ECN NO. | DATE       | SIGN  | DESCRIPTION      |
|------|---------|------------|-------|------------------|
| B    | C201808 | 2020/11/19 | Vicky | $\triangle B$ X3 |
| C    | C210497 | 2021/03/31 | Ruru  | $\triangle C$ X2 |
| D    | C230014 | 2022/12/30 | Ruru  | $\triangle D$ X2 |



$\triangle B$ MSBPXXMR-SBPFR-SBXXX

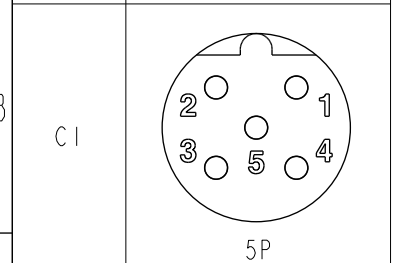
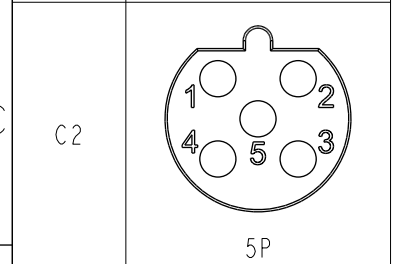
XX: No. Of Pin

XXX: 0.5~99Meters  
A05: 0.5 Meter  
001: 1 Meter  
002: 2 Meters  
:  
099: 99 Meters



Note:  $\triangle B$   $\triangle C$   
\* RoHS Compliant  
\*  $\triangle C$  Important dimension  
\* C1  
 $\triangle D$  Waterproof rate: IP68, mated 1m/24h  
IP69K, mated  
Housing: Thermoplastic, Black  
Pin: Copper alloy, Gold plated  
Nut: Thermoplastic, Black  
Outer mold: Thermoplastic, Black  
\* C2  
 $\triangle D$  Waterproof rate: IP68, mated 1m/24h  
IP69K, mated  
Housing: Thermoplastic, Black  
Pin: Copper alloy, Gold plated  
O-Ring: Rubber, Green  
Nut: Thermoplastic, Black  
Outer mold: Thermoplastic, Black  
\* Cable: UL20549, 22#\*5C, OD=4.4mm, PUR Jacket, Black  
\* Cable length tolerance: 0.5M < L ≤ 1M: +60/-0 mm  
1M < L ≤ 3M: +120/-0 mm  
3M < L ≤ 5M: +160/-0 mm  
5M < L ≤ 10M: ±100 mm  
10M < L ≤ 20M: ±200 mm  
20M < L ≤ 30M: ±300 mm  
30M < L ≤ 99M: ±500 mm

|         |   |
|---------|---|
| Pin Out | 5 Gary 灰<br>4 Black 黑<br>3 Blue 藍<br>2 White 白<br>1 Brown 棕 |
| Pin #   | Wire  |



Pin Assignments Front View

|           |         |
|-----------|---------|
| UNIT:mm   |         |
| TOLERANCE | ±0.5 mm |

|   |             |                                 |  |
|---|-------------|---------------------------------|--|
| TITLE ACC, SEN, B Code, DB-ENDED MF $\triangle C$ |             |                                 |  |
| SCALE 1:1   | SIZE A4     | SHEET 1 OF 1                    |  |
| REV. D  | WC-REV. A.5 | $\triangle C$ : Inspection item |  |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

|   |                 |                 |
|---|-----------------|-----------------|
| ITEM NO                                   | DRAWN BY Ruru   | DATE 2018-12-11 |
| DWG NO $\triangle B$ MSBPXXMR-SBPFR-SBXXX | CHECKED BY Rita | DATE 2018-12-11 |
| CUSTOMER ALTW                             | APPROVED BY Max | DATE 2018-12-11 |