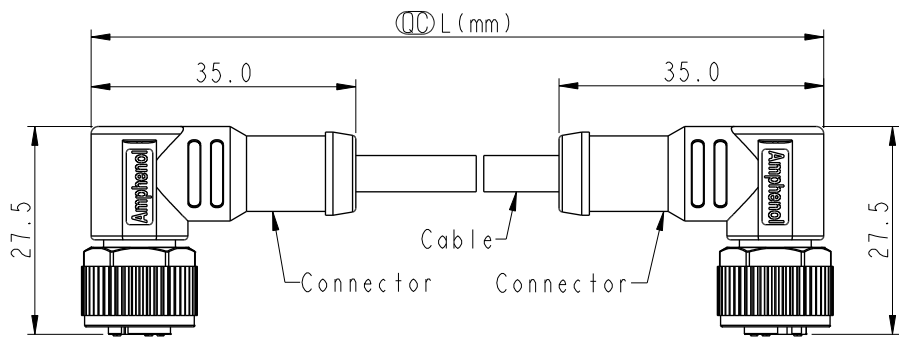


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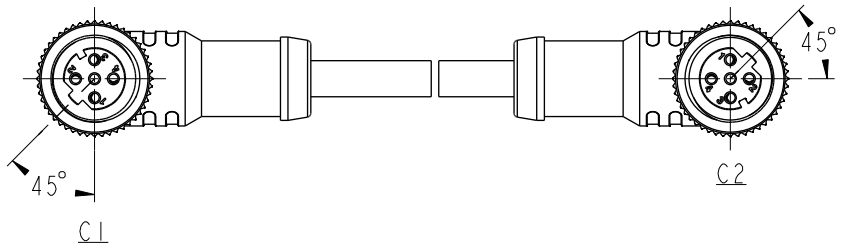
| REV. | ECN NO. | DATE       | SIGN | DESCRIPTION      |
|------|---------|------------|------|------------------|
| B    | C201786 | 2020/11/17 | Ruru | $\triangle B$ X3 |
| C    | C210237 | 2021/03/26 | Ruru | $\triangle C$ X2 |
| D    | C230014 | 2022/12/30 | Ruru | $\triangle D$ X1 |



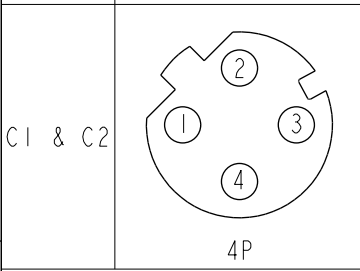
$\triangle B$   
MSDPXXFR-SDPFR-SBXXX

XX: No. Of Pin

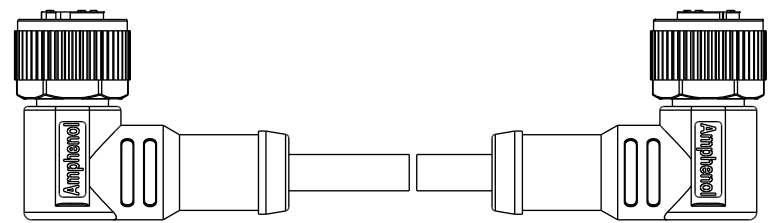
- XXX: 0.5-99Meters
- A05: 0.5 Meter
- 1: 01 Meter
- 2: 02 Meters
- ...
- 99: 99 Meters



| Pin Out | Wire  | 顏色 |
|---------|-------|----|
| 5       | --    |    |
| 4       | Black | 黑  |
| 3       | Blue  | 藍  |
| 2       | White | 白  |
| 1       | Brown | 棕  |



Pin Assignments Front View



- Note:  $\triangle B \triangle C$
- \* RoHS Compliant
  - \*  $\text{CC}$  Important dimension
  - $\triangle D$  \* Waterproof rate: IP68, mated 1m/24h  
IP69K, mated
  - \* Connector:
    - Housing: Thermoplastic, Black
    - Pin: Copper alloy, Gold plated
    - O-Ring: Rubber, Green
    - Nut: Thermoplastic, Black
    - Outer mold: Thermoplastic, Black
  - \* Cable: UL20549, 22#4C, OD=4.0mm, 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

|           |              |       |                                  |             |
|-----------|--------------|-------|----------------------------------|-------------|
| UNIT:mm   | $\text{CC}$  | TITLE | ACC, SEN, D Code, DB-ENDED<br>FF |             |
| TOLERANCE | $\pm 0.5$ mm | SCALE | 1:1                              | SIZE A4     |
|           |              | REV.  | D                                | WC-REV. A.5 |
|           |              |       | $\text{CC}$ : Inspection item    |             |

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

|          |                      |             |       |      |            |
|----------|----------------------|-------------|-------|------|------------|
| ITEM NO  | MSDPXXFR-SDPFR-SBXXX | DRAWN BY    | Vicky | DATE | 2018-12-12 |
| DWG NO   | MSDPXXFR-SDPFR-SBXXX | CHECKED BY  | Rita  | DATE | 2018-12-12 |
| CUSTOMER | ALTW                 | APPROVED BY | Max   | DATE | 2018-12-12 |