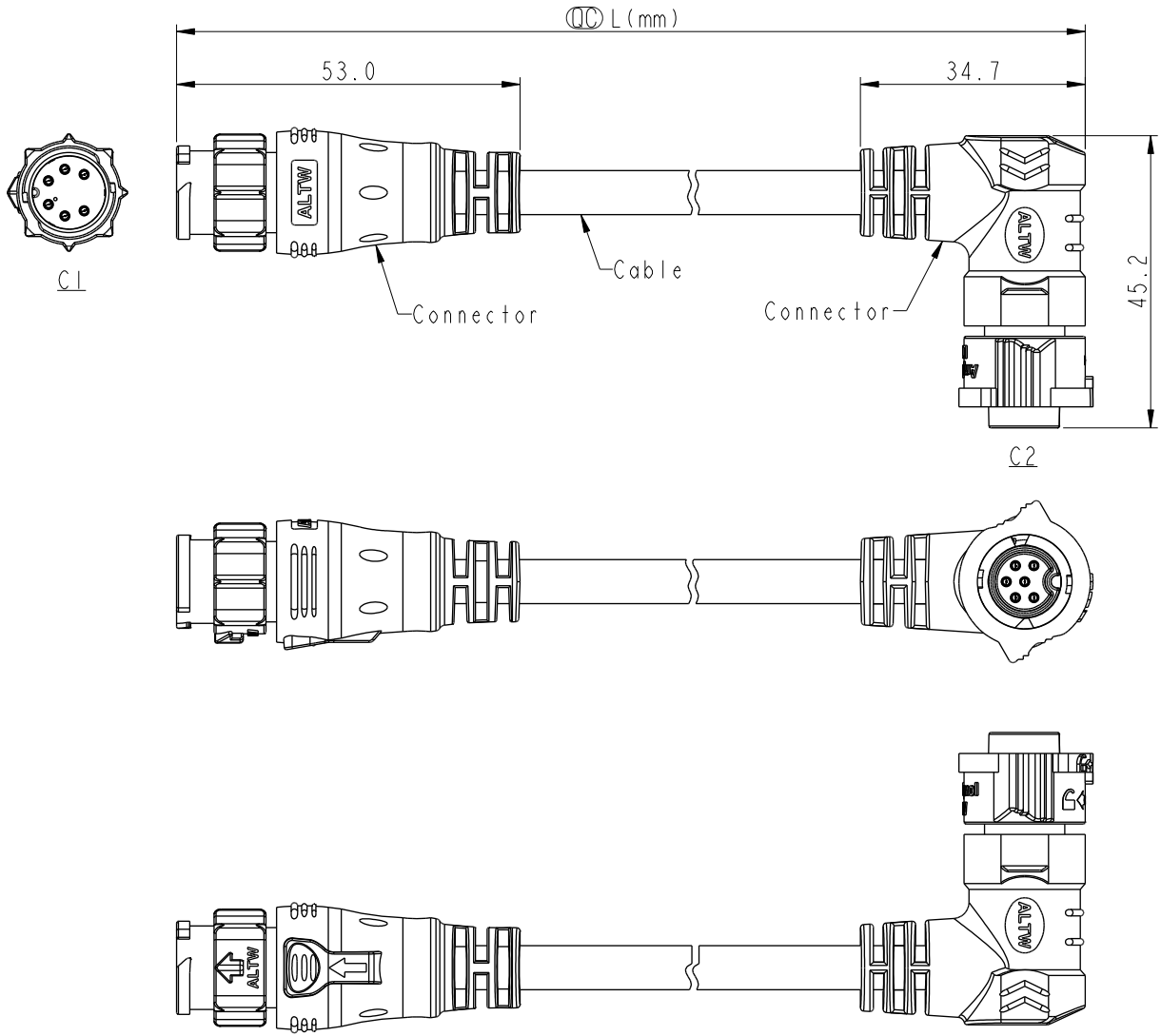


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| REV. | ECN NO. | DATE       | SIGN       | DESCRIPTION      |
|------|---------|------------|------------|------------------|
| B    | C200652 | 2020/05/15 | Wesley Lin | $\triangle B$ X1 |
| C    | C220473 | 2022/03/28 | Vicky      | $\triangle C$ X2 |
| D    | C230134 | 2023/02/10 | Ruru       | $\triangle D$ X2 |



- Note:
- \* RoHS Compliant
  - \*  $\text{CC}$  Important dimension
  - \* C1
    - $\triangle$  Waterproof rate: IP68, mated 1m/24h
    - Housing: Thermoplastic, Black
    - Pin: Copper alloy, Gold plated
    - Outer Mold: Thermoplastic, Black
  - \* C2
    - $\triangle$  Waterproof rate: IP68, mated 1m/24h
    - Housing: Thermoplastic, Black
    - Pin: Copper alloy, Gold plated
    - O-Ring: Rubber, Dark gray
    - Nut: Thermoplastic, Black
    - Outer Mold: Thermoplastic, Black
  - \* Cable: UL21388, PVC 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, XLOK, B-5A, DB-ENDED MF |         |    |
| TOLERANCE | $\pm 0.5\text{mm}$ | SCALE       | 1:2                          | SIZE    | A4 |
|           |                    | REV.        | D                            | WC-REV. | .0 |
|           |                    | SHEET       | 1                            | OF      | 2  |
|           |                    | $\text{CC}$ | Inspection item              |         |    |

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安費諾亮泰企業股份有限公司

|                      |             |            |
|----------------------|-------------|------------|
| ITEM NO              | DRAWN BY    | DATE       |
|                      | Vicky       | 2020-01-20 |
| DWG NO               | CHECKED BY  | DATE       |
| AB-BDXXML-BDBR-QDXXX | Rita        | 2020-01-20 |
| CUSTOMER             | APPROVED BY | DATE       |
| ALTW                 | Max         | 2020-01-20 |

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|          |              |          |     |                      |
|----------|--------------|----------|-----|----------------------|
| 6P       | PVC          | 6.8      | 20  | AB-BD06ML-BDBR-QDXXX |
| 5P       |              | 6.2      |     | AB-BD05ML-BDBR-QDXXX |
| 4P       |              | 6.0      |     | AB-BD04ML-BDBR-QDXXX |
| 3P       |              | 5.5      |     | AB-BD03ML-BDBR-QDXXX |
| 2P       |              | 5.5      |     | AB-BD02ML-BDBR-QDXXX |
| Contacts | Cable Jacket | Cable OD | AWG | Item No.             |

$\triangle$ XX: No. Of Pin  
 AB-BD XX ML-BDBR-QD XXX  
 XXX: 0.5~99Meters  
 A05: 0.5 Meter  
 001: 01 Meter  
 002: 02 Meters  
 :  
 099: 99 Meters

|         |                    |                             |   |   |  |
|---------|--------------------|-----------------------------|---|---|--|
| Pin Out | 2 Brown<br>1 Black | 3 Red<br>2 Brown<br>1 Black | 4 Orange<br>3 Red<br>2 Brown<br>1 Black | 5 Yellow<br>4 Orange<br>3 Red<br>2 Brown<br>1 Black | 6 Green<br>5 Yellow<br>4 Orange<br>3 Red<br>2 Brown<br>1 Black |
|         | Pin # Wire         | Pin # Wire                  | Pin # Wire                              | Pin # Wire  | Pin # Wire   |
| C2      |                    |                             |   |   |  |
|         | 2P                 | 3P                          | 4P                                      | 5P  | 6P   |
| C1      |                    |                             |   |   |  |
|         | 2P                 | 3P                          | 4P                                      | 5P  | 6P   |

Pin Assignments Front View

|           |                    |                     |                              |         |    |
|-----------|--------------------|---------------------|------------------------------|---------|----|
| UNIT:mm   |                    | TITLE               | ACC, XLOK, B-5A, DB-ENDED MF |         |    |
| TOLERANCE | $\pm 0.5\text{mm}$ | SCALE               | 1:2                          | SIZE    | A4 |
|           |                    | REV.                | D                            | WC-REV. | .0 |
|           |                    | SHEET               | 2                            | OF      | 2  |
|           |                    | QC: Inspection item |                              |         |    |

**Amphenol LTW**  
 安費諾亮泰企業股份有限公司

|          |                      |  |
|----------|----------------------|--|
| ITEM NO  | DRAWN BY             | DATE                                   |
| DWG NO   | CHECKED BY           | DATE                                   |
| CUSTOMER | APPROVED BY          | DATE                                   |
| ALTW     | Vicky<br>Rita<br>Max | 2020-01-20<br>2020-01-20<br>2020-01-20 |