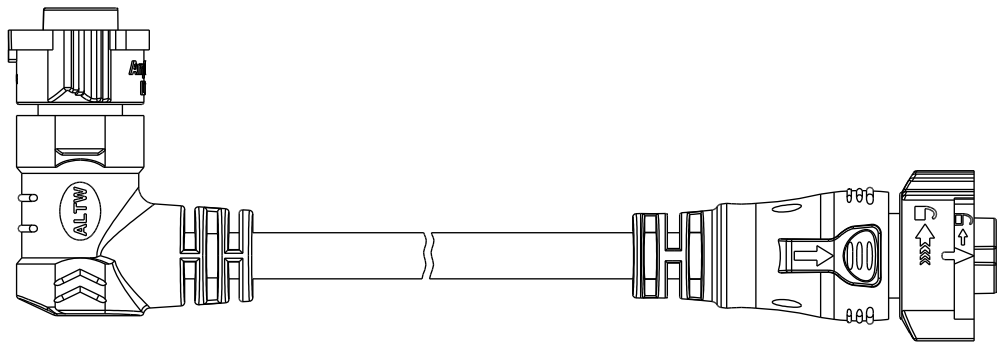
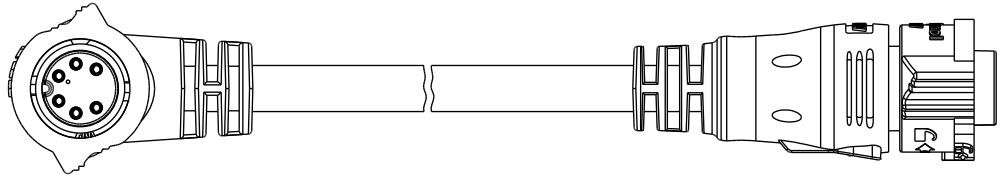
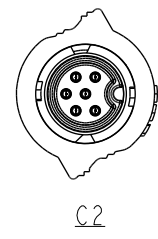
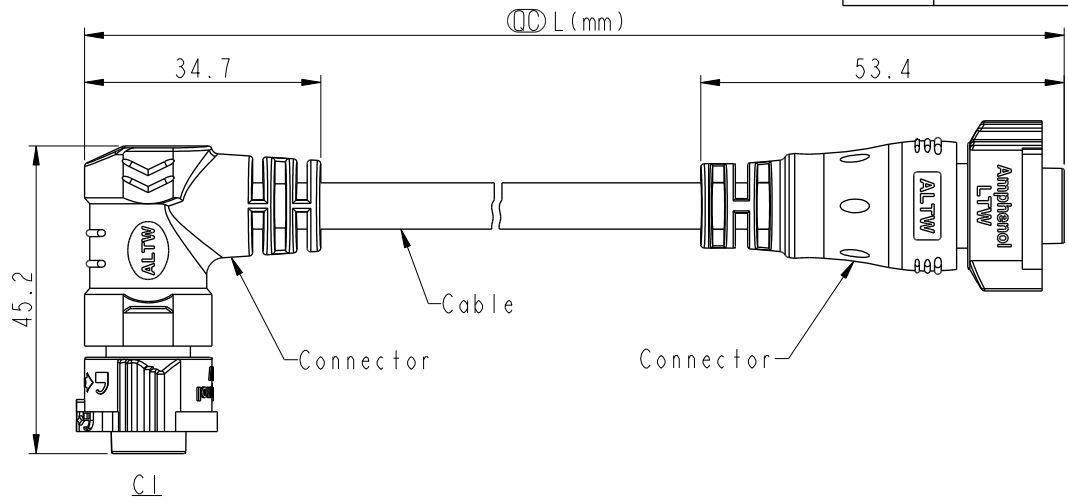


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| REV. | ECN NO. | DATE       | SIGN       | DESCRIPTION      |
|------|---------|------------|------------|------------------|
| A    |         | 2020/01/20 | Vicky      | Initial Released |
| B    | C200696 | 2020/05/19 | Angel Chou | $\triangle B$ X1 |
| C    | C220471 | 2022/03/25 | Vicky      | $\triangle C$ X2 |



Note:

- \* RoHS Compliant
- \*  $\varnothing$  Important dimension
- \* C1
  - Waterproof rate: IPX8, mated 1m/24h
  - Housing: Thermoplastic, Black
  - Pin: Copper alloy, Gold plated
  - O-Ring: Rubber, Dark gray
  - Nut: Thermoplastic, Black
  - Outer Mold: Thermoplastic, Black
- \* C2
  - Waterproof rate: IPX8, 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   |        | TITLE | ACC, XLOK, B-5A, DB-ENDED<br>FF |               |                 |
| TOLERANCE | ±0.5mm | SCALE | 1:2                             | SIZE          | A4              |
|           |        | REV.  | C                               | WC-REV.       | A.5             |
|           |        |       |                                 | $\varnothing$ | Inspection item |

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

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|          |              |          |     |                      |
|----------|--------------|----------|-----|----------------------|
| 6P       | PVC          | 6.8      | 20  | AB-BD06FR-BDBL-QDXXX |
| 5P       |              | 6.2      |     | AB-BD05FR-BDBL-QDXXX |
| 4P       |              | 6.0      |     | AB-BD04FR-BDBL-QDXXX |
| 3P       |              | 5.5      |     | AB-BD03FR-BDBL-QDXXX |
| 2P       |              | 5.5      |     | AB-BD02FR-BDBL-QDXXX |
| Contacts | Cable Jacket | Cable OD | AWG | Item No.             |

AB-BD XX FR-BDBL-QD XXX

△C XX: No. Of Pin

XXX: 0.5~99Meters  
 A05: 0.5 Meter  
 001: 01 Meter  
 002: 02 Meters  
 ...  
 099: 99 Meters

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

Pin Assignments Front View

|           |        |       |                                 |             |
|-----------|--------|-------|---------------------------------|-------------|
| UNIT:mm   |        | TITLE | ACC, XLOK, B-5A, DB-ENDED<br>FF |             |
| TOLERANCE | ±0.5mm | SCALE | 1:2                             | SIZE A4     |
|           |        | REV.  | C                               | WC-REV. A.5 |
|           |        |       | SHEET 2 OF 2                    |             |
|           |        |       | ☉: Inspection item              |             |

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 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 |