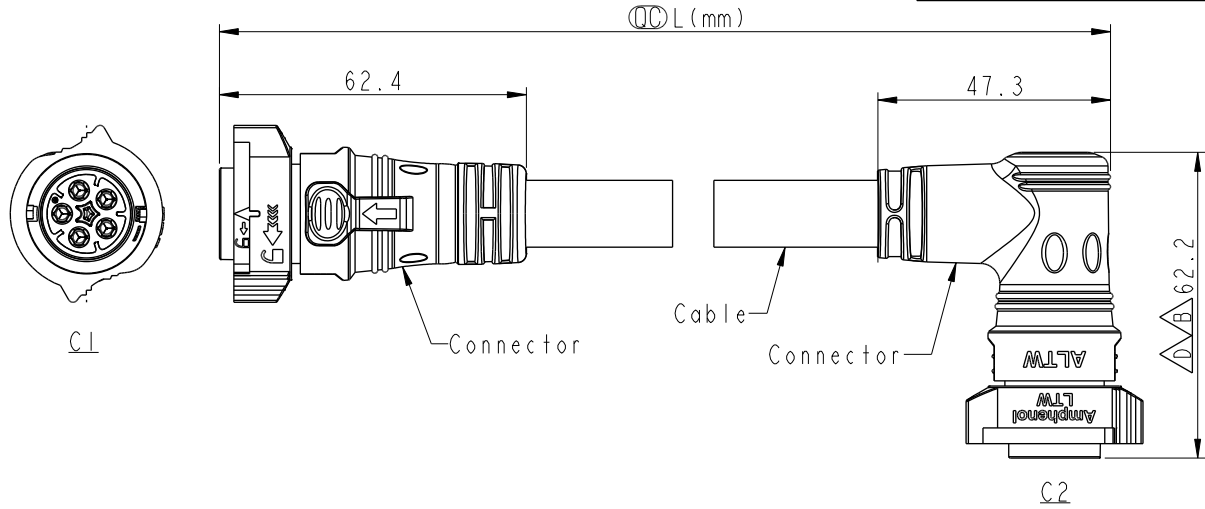
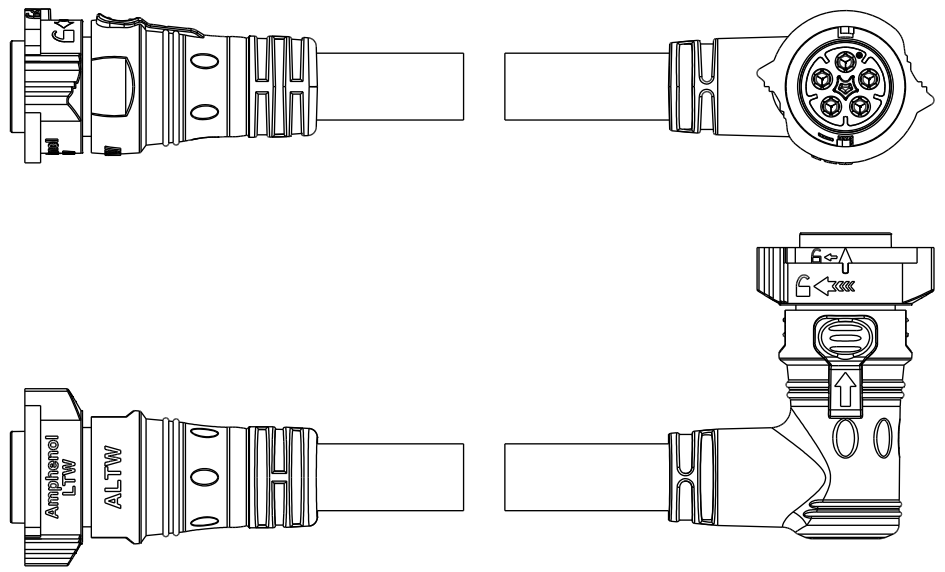


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

| REV. | ECN NO. | DATE       | SIGN  | DESCRIPTION      |
|------|---------|------------|-------|------------------|
| B    | C220431 | 2022/03/18 | Ruru  | $\triangle B$ X3 |
| C    | C230119 | 2023/02/08 | Vicky | $\triangle C$ X2 |
| D    | C231269 | 2023/09/27 | Ruru  | $\triangle D$ X1 |



- Note:  $\triangle B$
- \* RoHS Compliant
  - \*  $\circ L$  Important dimension
  - \* C1
  - $\triangle C$  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
  - \* C2
  - $\triangle C$  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: SJTW, PVC Jacket, Black
  - \* Cable length tolerance: 0.5M < L  $\leq$  1M: +60/-0 mm  
 1M < L  $\leq$  3M: +120/-0 mm  
 3M < L  $\leq$  5M: +160/-0 mm  
 5M < L  $\leq$  10M:  $\pm$ 100 mm  
 10M < L  $\leq$  20M:  $\pm$ 200 mm  
 20M < L  $\leq$  30M:  $\pm$ 300 mm  
 30M < L  $\leq$  99M:  $\pm$ 500 mm



|           |              |                                  |
|-----------|--------------|----------------------------------|
| UNIT: mm  |              | TITLE                            |
| TOLERANCE | $\pm 0.5$ mm | ACC, XLOK, D-20A, DB-ENDED<br>FF |
| SCALE     | 1:2          | SIZE A4                          |
| REV.      | D            | SHEET 1 OF 2                     |
| WC-REV.   |              | $\circ L$ : Inspection item      |

**Amphenol LTW**  
 安費諾亮泰企業股份有限公司

|                      |             |            |
|----------------------|-------------|------------|
| ITEM NO              | DRAWN BY    | DATE       |
|                      | Ruru        | 2020-01-13 |
| DWG NO               | CHECKED BY  | DATE       |
| AB-DCXXBL-DCBR-QEXXX | Rita        | 2020-01-13 |
| CUSTOMER             | APPROVED BY | DATE       |
| ALTW                 | Max         | 2020-01-13 |

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

|          |              |          |     |                      |
|----------|--------------|----------|-----|----------------------|
| 5P       | PVC          | 13.6     | 12  | AB-DC05BL-DCBR-QEXXX |
| 3P       |              | 11.7     |     | AB-DC03BL-DCBR-QEXXX |
| 2P       |              | 10.7     |     | AB-DC02BL-DCBR-QEXXX |
| Contacts | Cable Jacket | Cable OD | AWG | Item No.             |

AB- DC XX B L - DC B R - Q E XXX



XX: No. Of Pin

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

|         | 2     |       | 3     |       | 5     |       |
|---------|-------|-------|-------|-------|-------|-------|
| Pin Out | 2     | 1     | 3     | 2     | 1     | 5     |
|         | White | Black | Green | White | Green | Brown |
|         | 白     | 黑     | 綠     | 白     | 綠     | 棕     |
|         | Pin # | Wire  | Pin # | Wire  | Pin # | Wire  |
| C2      | 2     | 1     | 3     | 2     | 1     | 5     |
| C1      | 2     | 1     | 3     | 2     | 1     | 5     |

Pin Assignments Front View

|           |          |       |                                  |                    |        |
|-----------|----------|-------|----------------------------------|--------------------|--------|
| UNIT:mm   |          | TITLE | ACC, XLOK, D-20A, DB-ENDED<br>FF |                    |        |
| TOLERANCE | ± 0.5 mm | SCALE | 1:2                              | SIZE               | A4     |
|           |          | REV.  | D                                | WC-REV.            |        |
|           |          |       |                                  | SHEET              | 2 OF 2 |
|           |          |       |                                  | ☉: Inspection item |        |

**Amphenol LTW**  
 安費諾亮泰企業股份有限公司

|          |                      |             |      |      |            |
|----------|----------------------|-------------|------|------|------------|
| ITEM NO  | AB-DCXXBL-DCBR-QEXXX | DRAWN BY    | Ruru | DATE | 2020-01-13 |
| DWG NO   | ALTW                 | CHECKED BY  | Rita | DATE | 2020-01-13 |
| CUSTOMER | ALTW                 | APPROVED BY | Max  | DATE | 2020-01-13 |