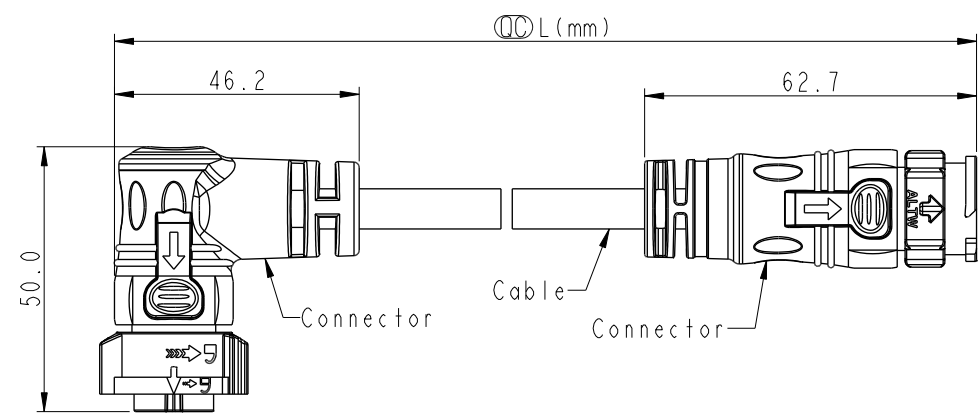
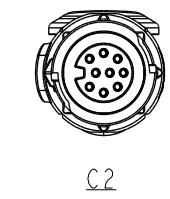


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF AMPHENOL LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY AMPHENOL LTW.

| REV. | ECN NO. | DATE       | SIGN | DESCRIPTION      |
|------|---------|------------|------|------------------|
| A    |         | 2020/01/10 | Ruru | Initial Released |
| B    | C220463 | 2022/03/29 | Ruru | $\triangle B$ X2 |

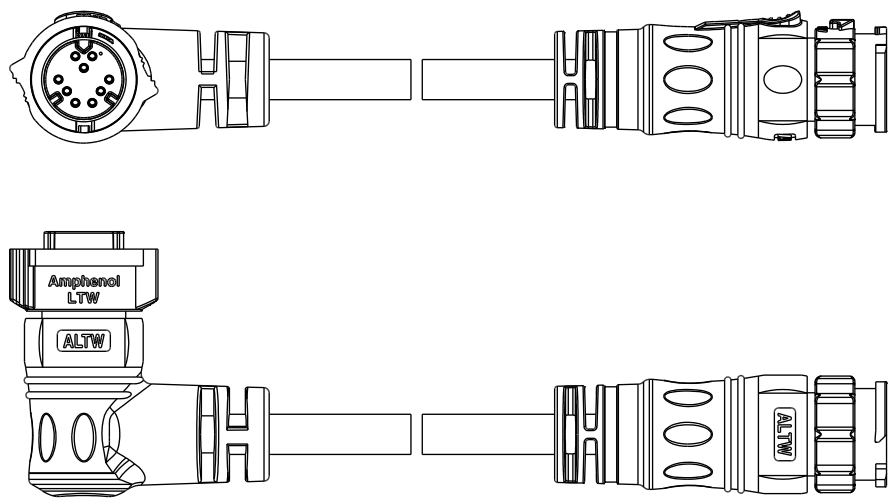


C1



Note:  $\triangle B$

- \* RoHS Compliant
- \*  $\circ L$  Important dimension
- \* C1
  - Waterproof rate: IPX8, mated 1m/24h
  - Housing: Thermoplastic, Black
  - Pin: Copper Alloy, Gold Plated
  - O-Ring: Rubber, Gray
  - Nut: Thermoplastic, Black
  - Outer mold: Thermoplastic, Black
- \* C2
  - Waterproof rate: IPX8, mated 1m/24h
  - Housing: Thermoplastic, Black
  - Pin: Copper Alloy, Gold Plated
  - 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   |         |  |
| TOLERANCE | ±0.5 mm |  |

|  |            |                             |
|--|------------|-----------------------------|
| TITLE<br>ACC, XLOK, C-5A, DB-ENDED<br>FM |            |                             |
| SCALE<br>1:2                             | SIZE<br>A4 | SHEET<br>1 OF 2             |
| REV.<br>B                                | 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<br>Ruru   | DATE<br>2020-01-10 |
| DWG NO.<br>AB-CDXXFR-CDHL-QDXXX | CHECKED BY<br>Rita | DATE<br>2020-01-10 |
| CUSTOMER<br>ALTW                | APPROVED BY<br>Max | DATE<br>2020-01-10 |

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.

|          |              |          |     |                      |
|----------|--------------|----------|-----|----------------------|
| 9P       | PVC          | 7.6      | 20  | AB-CD09FR-CDHL-QDXXX |
| 8P       |              | 7.2      |     | AB-CD08FR-CDHL-QDXXX |
| 7P       |              | 6.8      |     | AB-CD07FR-CDHL-QDXXX |
| Contacts | Cable Jacket | Cable OD | AWG | Item No.             |

AB- CD XX FR - CD HL - Q D XXX



XX: No. Of Pin

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

| Pin Out | 7      | 6    | 8     | 4      | 3     | 2    | 1     | 8     | 7      | 6    | 5      | 4      | 3     | 2    | 1     | 9     | 8     | 7      | 6     | 5      | 4      | 3     | 2     | 1    |  |  |  |
|---------|--------|------|-------|--------|-------|------|-------|-------|--------|------|--------|--------|-------|------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------|--|--|--|
|         | Orange | Blue | Green | Yellow | Black | Red  | Brown | Green | Orange | Blue | Purple | Yellow | Black | Red  | Brown | Brown | Green | Orange | Blue  | Purple | Yellow | Black | Red   | Gray |  |  |  |
|         | 橙      | 藍    | 綠     | 黃      | 黑     | 紅    | 棕     | 綠     | 橙      | 藍    | 紫      | 黃      | 黑     | 紅    | 棕     | 棕     | 綠     | 橙      | 藍     | 紫      | 黃      | 黑     | 紅     | 灰    |  |  |  |
|         | Pin #  | Wire | Pin # | Wire   | Pin # | Wire | Pin # | Wire  | Pin #  | Wire | Pin #  | Wire   | Pin # | Wire | Pin # | Wire  | Pin # | Wire   | Pin # | Wire   | Pin #  | Wire  | Pin # | Wire |  |  |  |
| C2      |        |      |       |        |       |      |       |       |        |      |        |        |       |      |       |       |       |        |       |        |        |       |       |      |  |  |  |
| C1      |        |      |       |        |       |      |       |       |        |      |        |        |       |      |       |       |       |        |       |        |        |       |       |      |  |  |  |

Pin Assignments Front View

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

**Amphenol LTW**  
 安費諾亮泰企業股份有限公司

|         |                      |        |                      |          |      |          |      |            |      |             |     |      |            |
|---------|----------------------|--------|----------------------|----------|------|----------|------|------------|------|-------------|-----|------|------------|
| ITEM NO | AB-CDXXFR-CDHL-QDXXX | DWG NO | AB-CDXXFR-CDHL-QDXXX | CUSTOMER | ALTW | DRAWN BY | Ruru | CHECKED BY | Rita | APPROVED BY | Max | DATE | 2020-01-10 |
|---------|----------------------|--------|----------------------|----------|------|----------|------|------------|------|-------------|-----|------|------------|