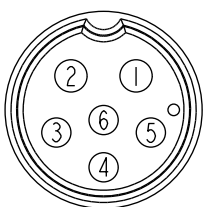
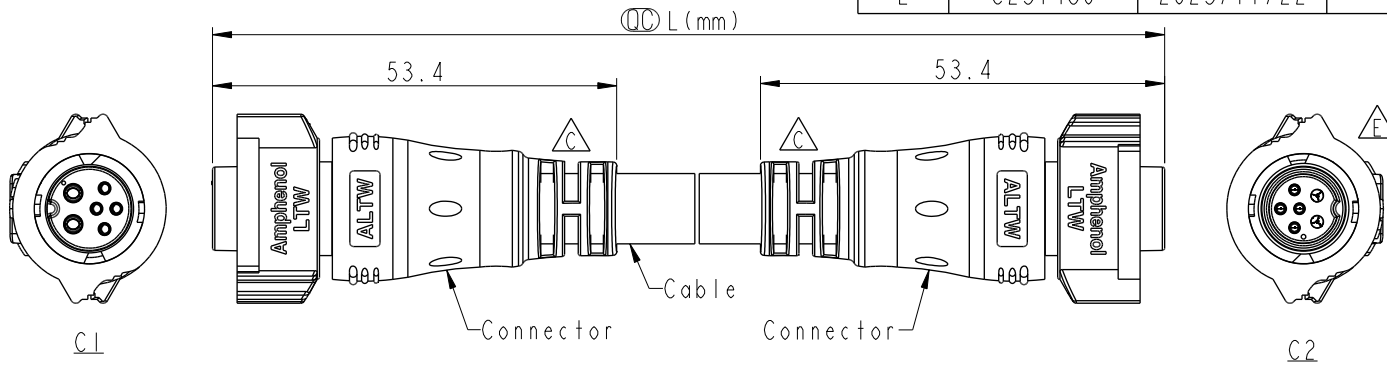
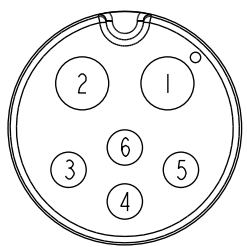


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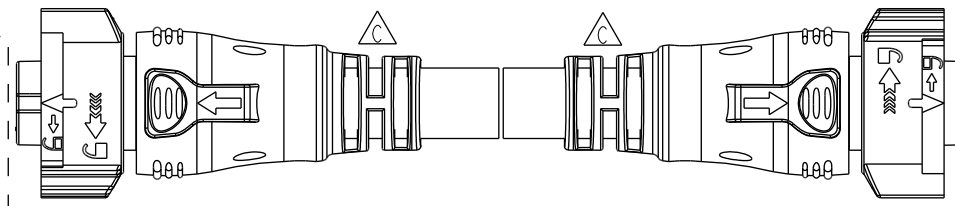
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
C	C221777	2022/11/15	Vicky	$\triangle C$ X4
D	C230129	2023/02/09	Ruru	$\triangle D$ X2
E	C231486	2023/11/22	Ruru	$\triangle E$ X1



C2  
Pin Assignments  
Front View



C1  
Pin Assignments  
Front View



AB-BBD XX FL-BBDBL-QF XXX

$\triangle B$  XX: No. Of Pin

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

6	Blue (26AWG)	藍	Twist 對線
5	Red (26AWG)	紅	
4	Green (26AWG)	綠	Twist 對線
3	White (26AWG)	白	
2	Black (16AWG)	黑	
1	White (16AWG)	白	
C1 & C2	Wire Color		
Pin Out			

Note:  
 \* RoHS Compliant  
 \*  $\odot$  Important dimension  
 \* C1  
 $\triangle D$  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  
 $\triangle D$  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: UL21996, 16#\*2C+AL/MY+(26#\*2P+AL/MY),  
 PVC Jacket, Black, OD9.3mm  
 \* 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
TOLERANCE	$\pm 0.5mm$	ACC, XLOK, B-10A+5A, DB-ENDED FF
SCALE	1:2	SIZE A4
REV.	E	SHEET 1 OF 1
WC-REV.	A.5	$\odot$ Inspection item

**Amphenol LTW**  
 安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Ruru	2023-11-22
DWG NO	CHECKED BY	DATE
AB-BBDXXXFL-BBDBL-QFXXX	Rita	2023-11-22
CUSTOMER	APPROVED BY	DATE
ALTW	Fred	2023-11-22

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[AB-BBD06FL-BBDBL-QF002](#) [AB-BBD06FL-BBDBL-QFA05](#) [AB-BBD06FL-BBDBL-QF010](#) [AB-BBD06FL-BBDBL-QF004](#) [AB-BBD06FL-BBDBL-QF005](#) [AB-BBD06FL-BBDBL-QF001](#) [AB-BBD06FL-BBDBL-QF003](#)