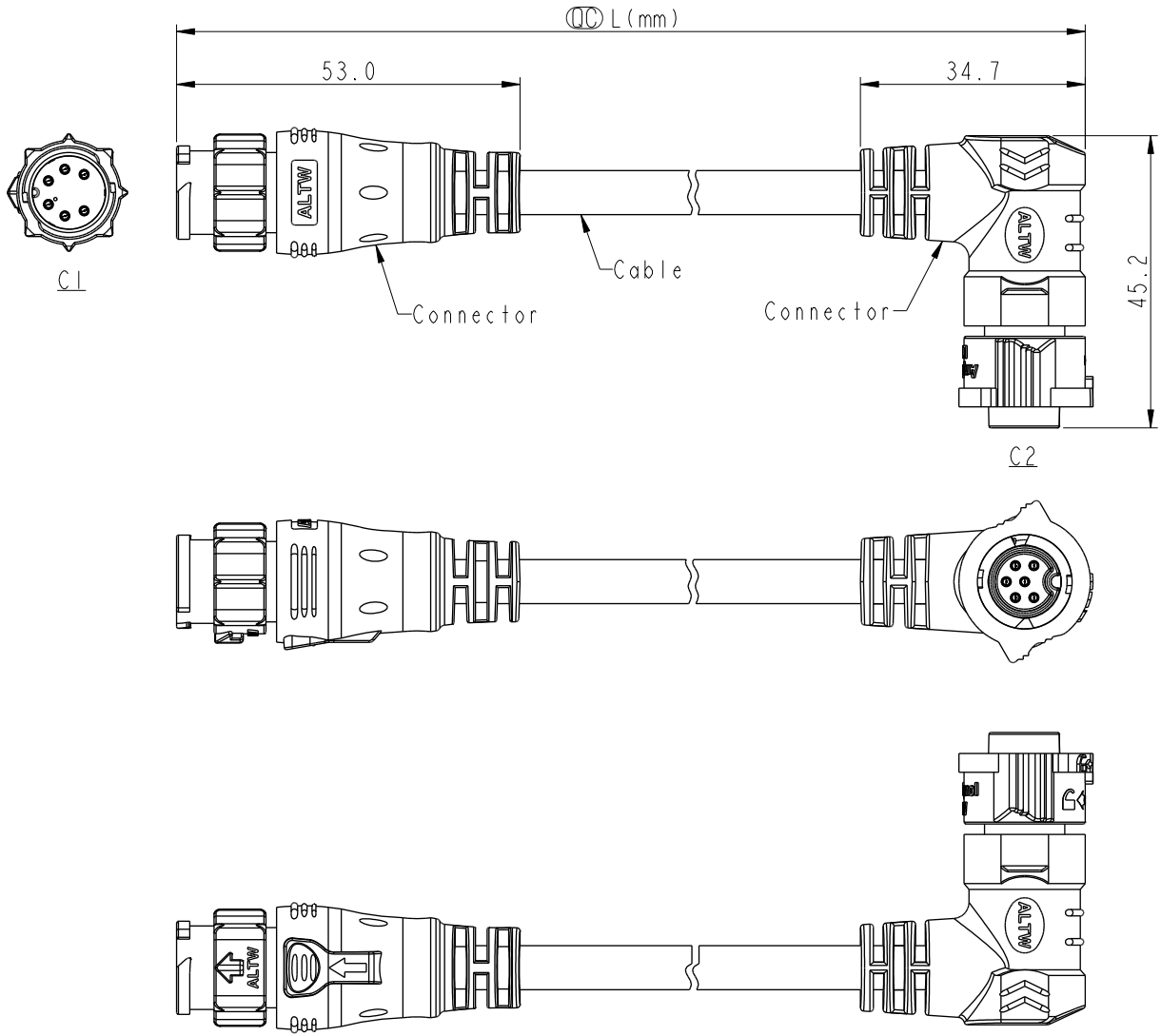


THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF AMPHENOL LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY AMPHENOL LTW.

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	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
 - * $\text{\textcircled{C}}$ 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	$\text{\textcircled{C}}$	$\text{\textcircled{C}}$	TITLE
TOLERANCE			ACC, XLOK, B-5A, DB-ENDED MF
±0.5mm	SCALE	SIZE	SHEET
	1:2	A4	1 OF 2
	REV. D	WC-REV. .0	$\text{\textcircled{C}}$: Inspection item

Amphenol LTW
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

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.

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.

△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 1 Black	3 Red 2 Brown 1 Black	4 Orange 3 Red 2 Brown 1 Black	5 Yellow 4 Orange 3 Red 2 Brown 1 Black	6 Green 5 Yellow 4 Orange 3 Red 2 Brown 1 Black
	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire	Pin # Wire
C2					
C1					

Pin Assignments Front View

UNIT:mm		TITLE	ACC, XLOK, B-5A, DB-ENDED MF		
TOLERANCE	±0.5mm	SCALE	1:2	SIZE	A4
		REV.	D	WC-REV.	.0
			☉: 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 Rita Max	2020-01-20 2020-01-20 2020-01-20

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Sensor Cables / Actuator Cables](#) category:

Click to view products by [Amphenol](#) manufacturer:

Other Similar products are found below :

[60963](#) [60964](#) [M83513/19-F01CP](#) [703000D02F2002](#) [703000D02F300](#) [703001D02F1201](#) [704000D02F120](#) [802027213811-1](#) [84914-0235](#)
[883030A09M050](#) [884031A09M005](#) [8R4006A18M010](#) [1200980008](#) [1200980031](#) [1211810021](#) [1400637](#) [1401201](#) [1401348](#) [1405278](#)
[1408644/94F/8](#) [1455311](#) [1513981](#) [1550119](#) [1554212](#) [1R3006A20A120G](#) [1R4004A17A120](#) [1R4006A20A1202](#) [1R4006A39M005](#) [2289297-6](#)
[8R3006A16A1203](#) [8R5E36E03M020](#) [2R7004A20F060](#) [301000A01F200](#) [301002A01F120](#) [2289297-1](#) [2289297-8](#) [2289297-9](#)
[302000A01F120](#) [CONM6A-S2](#) [332021A01F200](#) [3R1006A20F030](#) [3R9006A20A1201](#) [403001A10M040](#) [4030P1A10M040](#) [41-01023](#)
[MBCC-412](#) [1R3G06A20A120](#) [543031A10M010](#) [884030A09M100](#) [883033A09M020](#)