

REV.		ECN NO.		DATE		SIGN		DESCRIPTION	
A				2020/01/20		Vicky		Initial Released	
B		C220646		2022/04/28		Vicky		△X2	
C		C221777		2022/11/15		Vicky		△X6	

AB-BBD XX FR-BBDBR-QF XXX

△X: No. Of Pin

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

Note:

- * RoHS Compliant
- * ○ 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: 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

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				

UNIT:mm

TOLERANCE ±0.5mm

SCALE 1:2

SIZE A4

SHEET 1 OF 1

REV. C

WC-REV. A.5

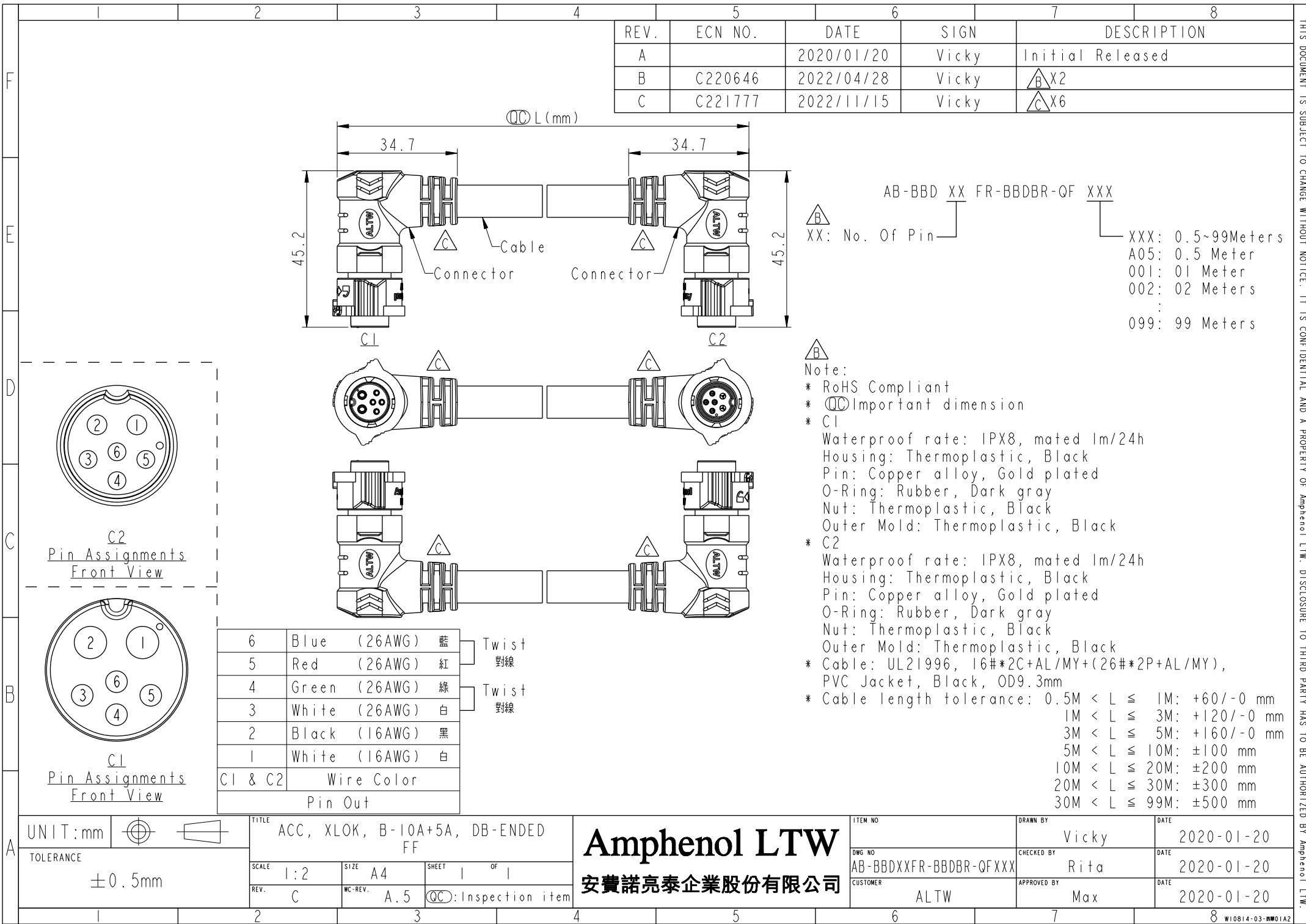
QC: Inspection item

ACC, XLOK, B-10A+5A, DB-ENDED FF

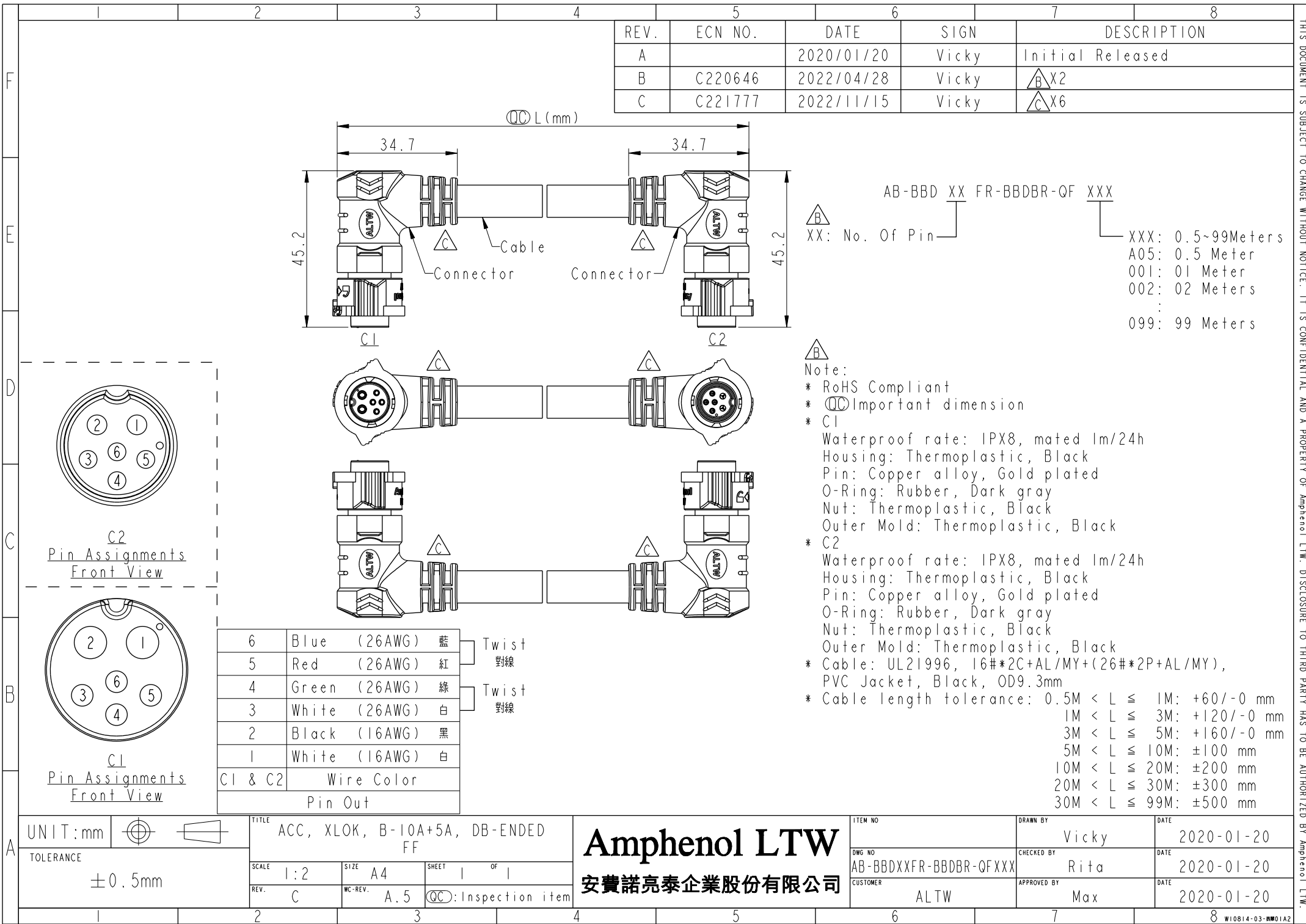
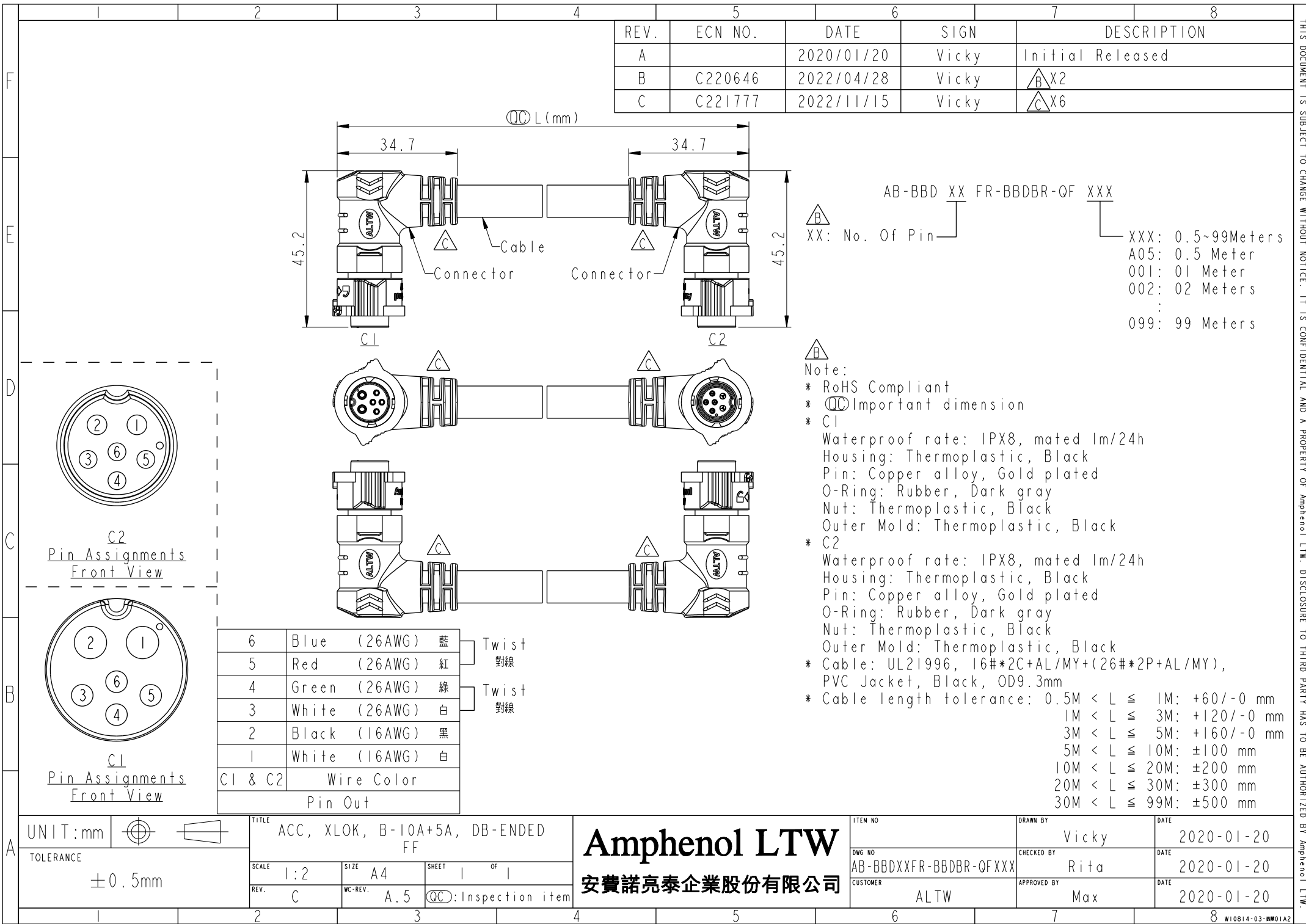
Amphenol LTW

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-BBDXXFR-BBDBR-QFXXX	Rita	2020-01-20
CUSTOMER	APPROVED BY	DATE
ALTW	Max	2020-01-20



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AB-BBD XX FR-BBDBR-QF XXX

XX: No. Of Pin XXX: 0.5~99Meters
A05: 0.5 Meter
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...
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30M < L ≤ 99M: ±500 mm

UNIT:mm

TOLERANCE
±0.5mm

SCALE 1:2 **SIZE** A4 **SHEET** 1 OF 1

REV. C **WC-REV.** A.5 **QC:** Inspection item

ACC, XLOK, B-10A+5A, DB-ENDED FF

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ITEM NO **DWG NO** AB-BBDXXFR-BBDBR-QFXXX **CUSTOMER** ALTW

DRAWN BY Vicky **CHECKED BY** Rita **APPROVED BY** Max

DATE 2020-01-20 **DATE** 2020-01-20 **DATE** 2020-01-20

[illegible]

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L (mm)

34.7

45.2

Cable

Connector

ALTW

C1

C2

C2
Pin Assignments
Front View

C1
Pin Assignments
Front View

No.	Color	Gauge	Chinese Color	Type
6	Blue	(26AWG)	藍	Twist 對線
5	Red	(26AWG)	紅	
4	Green	(26AWG)	綠	
3	White	(26AWG)	白	Twist 對線
2	Black	(16AWG)	黑	
1	White	(16AWG)	白	
C1 & C2 Wire Color				
Pin Out				

Note:

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UNIT:mm

TOLERANCE ±0.5mm

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CUSTOMER	APPROVED BY	DATE
ALTW	Max	2020-01-20

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TITLE	SCALE	SIZE	SHEET	OF
ACC, XLOK, B-10A+5A, DB-ENDED FF	1:2	A4	1	1

UNIT:mm	TOLERANCE	REV.	WC-REV.	QC: Inspection item
±0.5mm	C	A.5		

PIN	Color	Gauge	Wire Color	Pin Out
6	Blue	(26AWG)	藍	Twist
5	Red	(26AWG)	紅	對線
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C1 & C2	Wire Color			
Pin Out				

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