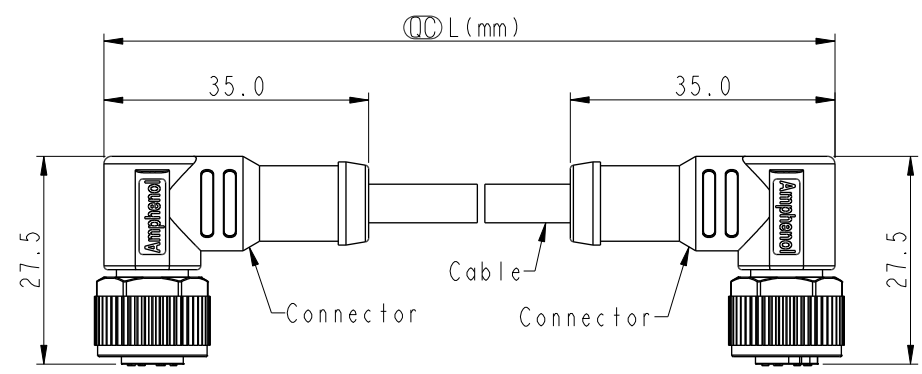


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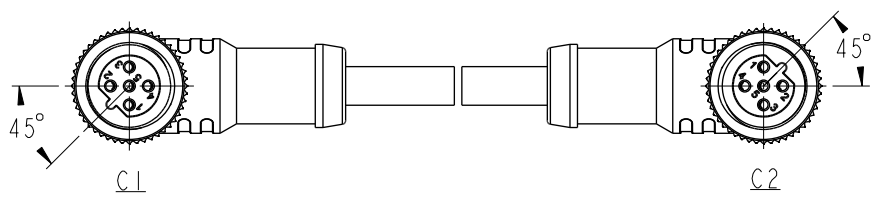
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201786	2020/11/16	Ruru	$\triangle B$ X3
C	C210497	2021/03/31	Ruru	$\triangle C$ X2
D	C230014	2022/12/30	Ruru	$\triangle D$ X1



$\triangle B$
MSBPXXFR-SBPFR-SDXXX

XX: No. Of Pin

- XXX: 0.5~99Meters
- A05: 0.5 Meter
- 1: 01 Meter
- 2: 02 Meters
- ...
- 99: 99 Meters

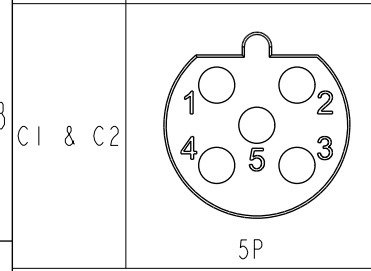


Note: $\triangle B$ $\triangle C$

- * RoHS Compliant
- * $\circ C$ Important dimension
- $\triangle A$ * Waterproof rate: IP68, mated 1m/24h
IP69K, mated
- * Connector:
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - O-Ring: Rubber, Green
 - Nut: Thermoplastic, Black
 - Outer mold: Thermoplastic, Black
- * Cable: UL2517, 22#5C, OD=5.1mm, 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

Pin Out	Wire	灰黑藍白棕
5	Gray	
4	Black	
3	Blue	
2	White	
1	Brown	

Pin # Wire



Pin Assignments Front View

UNIT:mm	
TOLERANCE	± 0.5 mm

TITLE ACC, SEN, B Code, DB-ENDED FF $\triangle C$			
SCALE 1:1	SIZE A4	SHEET 1 OF 1	
REV. D	WC-REV.	$\circ C$: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Ruru	DATE 2018-12-10
DWG NO $\triangle B$ MSBPXXFR-SBPFR-SDXXX	CHECKED BY Rita	DATE 2018-12-10
CUSTOMER ALTW	APPROVED BY Max	DATE 2018-12-10