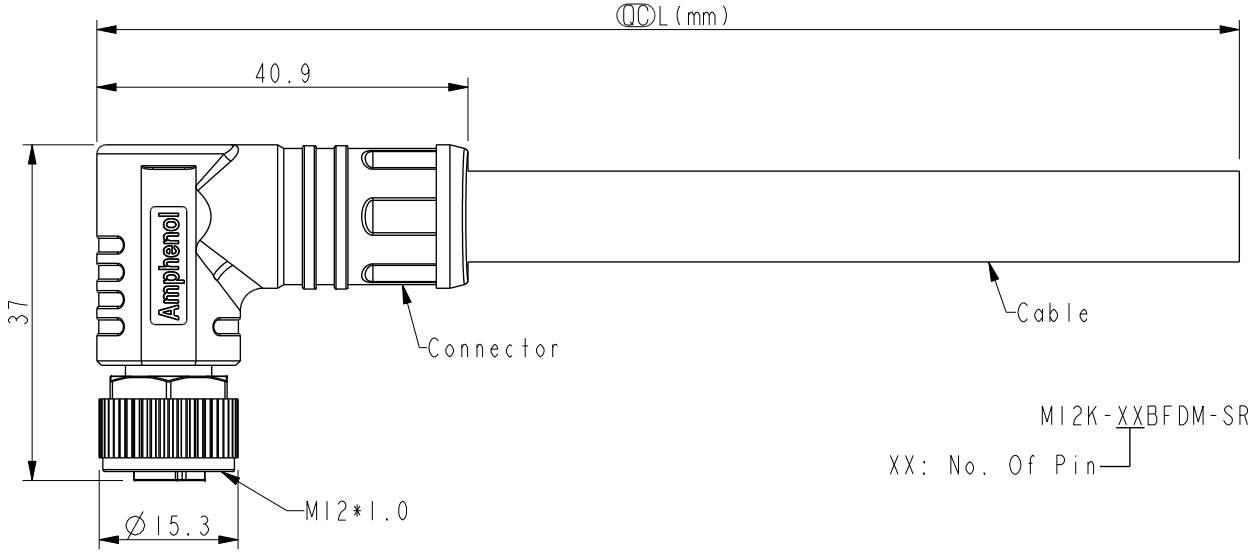
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
C	C210542	2021-04-12	Ruru	△C X2
D	C220905	2022-07-18	Allen Pan	△D X1
E	C221874	2022-12-08	Ruru	△E X1

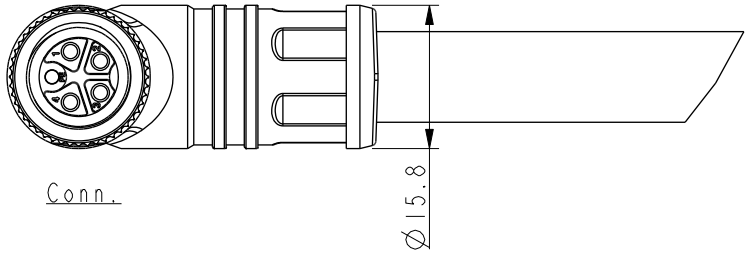


M12K-XXBFDM-SR8SXX

XX: No. Of Pin

XX: 01~99Meters
01: 01Meter
02: 02Meters
:
:
99: 99Meters

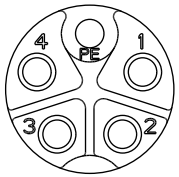
Note: △B △C
* RoHS Compliant
* QC Important dimension
△E * Waterproof rate: IP68, mated 1m/24h
IP69K, mated
* Connector
Housing: Thermoplastic, Black
△D Pin: Copper alloy, Gold plated
O-Ring: Rubber, Gray
Nut: Metal
Outer mold: Thermoplastic, Black
* Cable: UL20234, 14#*5C, OD=10.0mm, PU Jacket, Black
* Cable length tolerance: 1M: +50/-0 mm
1M < L ≦ 3M: +100/-0 mm
3M < L ≦ 5M: +150/-0 mm
5M < L ≦ 10M: ±100 mm
10M < L ≦ 20M: ±200 mm
20M < L ≦ 30M: ±300 mm
30M < L ≦ 99M: ±500 mm



Conn.

Pin Out	Pin #	Wire	
	4	Orange	橘
	3	Red	紅
	2	Brown	棕
	1	Black	黑
	PE	Yellow	黃

Conn.



4+PE

Pin Assignments Front View

UNIT: mm

TOLERANCE ±0.5 mm

TITLE: N SEN, M12 K, SCREW △C
CABLE W/O SR, F, F PWR+M GND, MOLDING

SCALE 6:5 | SIZE A4 | SHEET 1 OF 1
REV. E | WC-REV. A.2 | QC: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY: Allen Pan	DATE: 2020-12-04
DWG NO: M12K-XXBFDM-SR8SXX	CHECKED BY: Sam Ho	DATE: 2020-12-04
CUSTOMER: ALTW	APPROVED BY: Fred Lee	DATE: 2020-12-04

W10814-03-[redacted]01A2

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