

F	1		2		3		4		5		6		7		8	
									REV.	ECN NO.	DATE	SIGN	DESCRIPTION			
									D	C220905	2022/07/18	Allen Pan	D XI			
									E	C221874	2022/12/08	Ruru	E XI			
E									F	C251505	2025/11/18	Vicky	F XI			
D																
C																
B																
A																

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

Conn.	
4+PE	

Pin Assignments Front View	
UNIT:mm	
TOLERANCE ±0.5 mm	

TITLE N SEN, M12 K, SCREW CABLE W/O SR, F, F PWR+M GND, MOLDING				
SCALE 6:5	SIZE A4	SHEET 1 OF 1		
REV. F	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 Vicky	DATE 2025-11-18
DWG NO M12K-XXBFDm-SL8SXX	CHECKED BY Rita	DATE 2025-11-18
CUSTOMER ALTW	APPROVED BY Ruru	DATE 2025-11-18

Conn.

Connector

Cable

M12*1.0

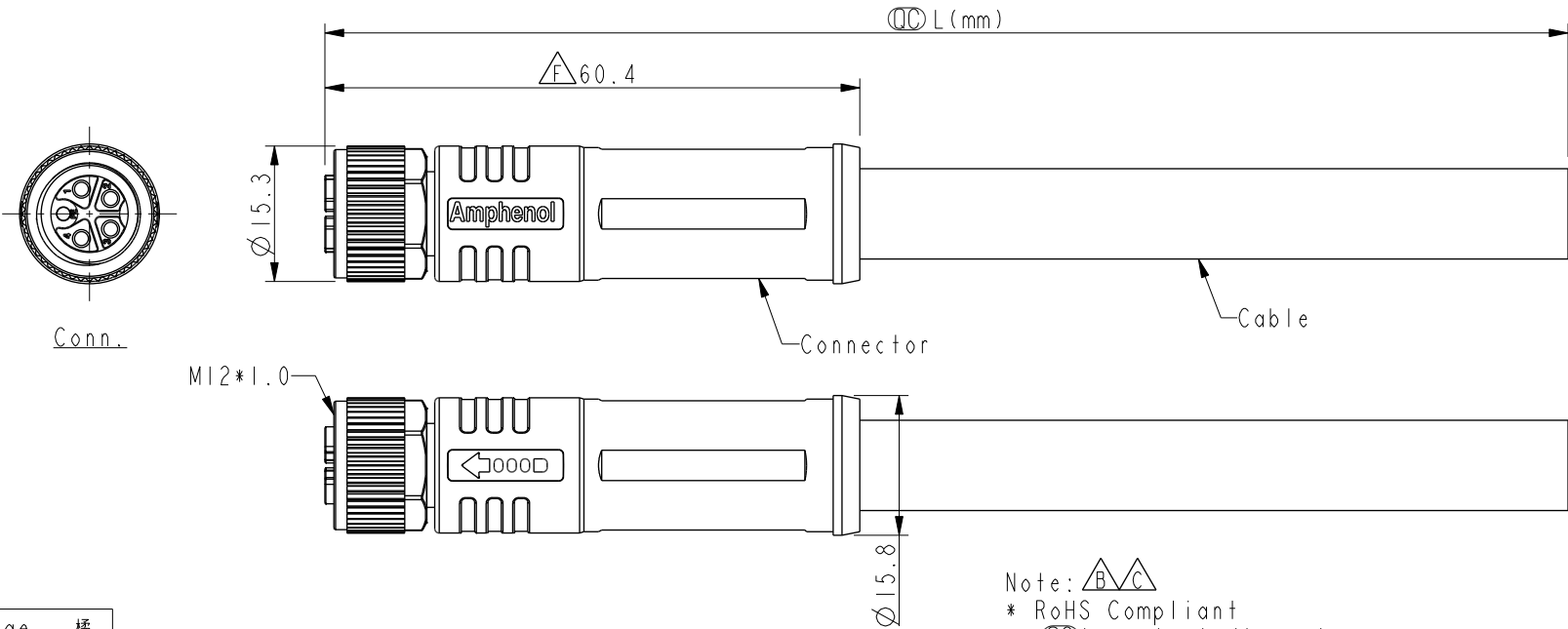
M12K-XXBFDm-SL8SXX

XX: No. Of Pin

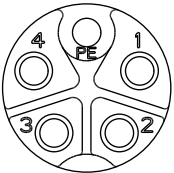
XX: 01~99Meters
01: 01Meter
02: 02Meters
:
:
:
99: 99Meters

Note:
* RoHS Compliant
* Important dimension
 * Waterproof rate: IP68, mated 1m/24h
IP69K, mated
* Connector
Housing: Thermoplastic, Black
 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

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
D	C220905	2022/07/18	Allen Pan	D XI
E	C221874	2022/12/08	Ruru	E XI
F	C251505	2025/11/18	Vicky	F XI



Pin Out	4	Orange	橘
	3	Red	紅
	2	Brown	棕
	1	Black	黑
	PE	Yellow	黃
Pin #		Wire	
Conn.		4+PE	
		Pin Assignments Front View	



M12K-XXBFDMSL8SXX
 XX: No. Of Pin
 01: 01Meter
 02: 02Meters
 ...
 99: 99Meters

- Note:
- * RoHS Compliant
 - * Important dimension
 - * Waterproof rate: IP68, mated 1m/24h
IP69K, mated
 - * Connector
 - Housing: Thermoplastic, Black
 - 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
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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

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