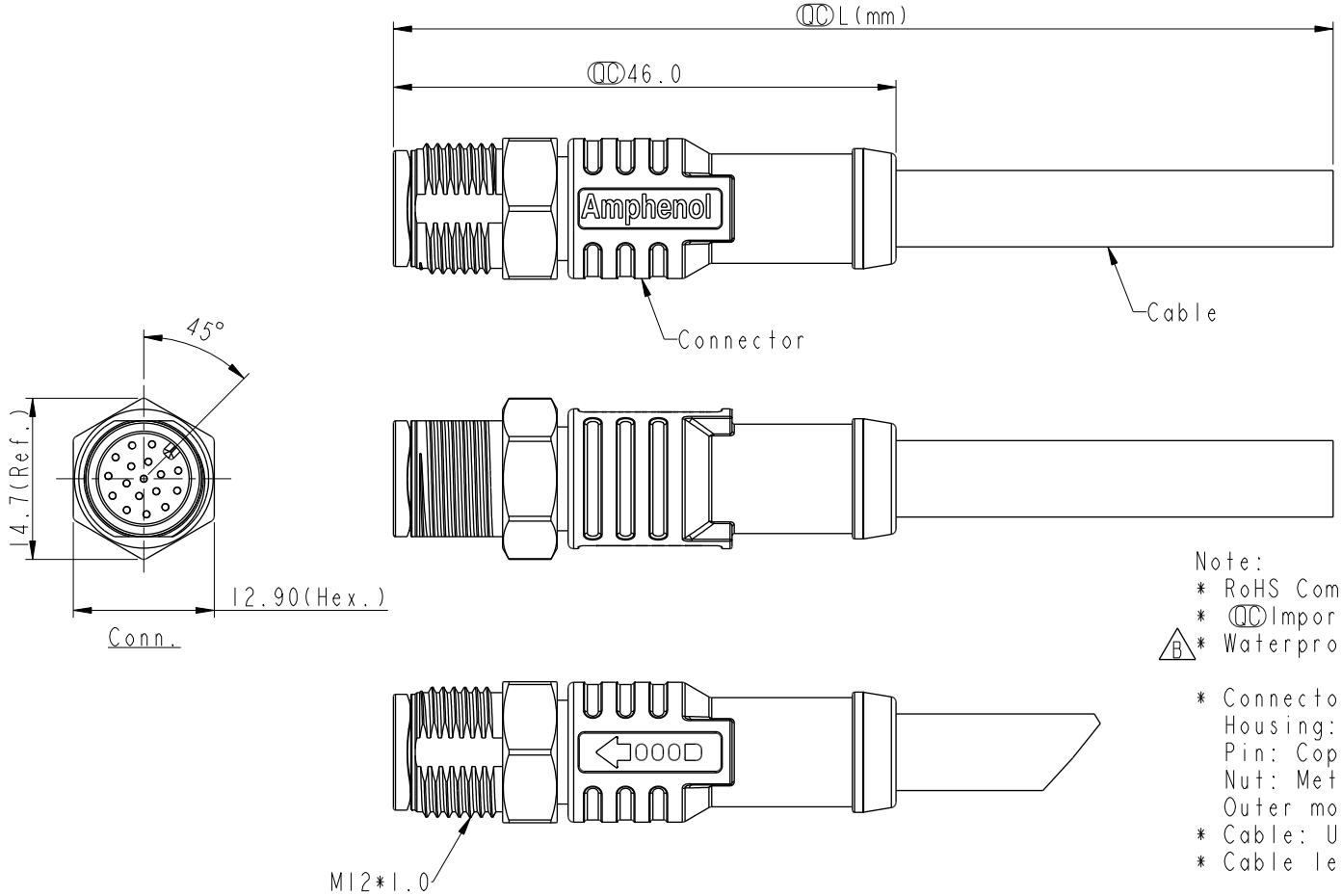
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2021/08/16	Allen Pan	Rev.02 To Rev.A
B	C221890	2022/12/29	Vicky	(B) X1



Note:
* RoHS Compliant
* (QC) Important Dimension
(B) * Waterproof rate: IP68, mated 1m/24h
IP69K, mated
* Connector
Housing: Thermoplastic, Black
Pin: Copper Alloy, Gold Plated
Nut: Metal
Outer mold: Thermoplastic, Black
* Cable: UL2517, PVC 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

UNIT: mm	TITLE: N SEN, M12 A-STAINLESS, SCREW CABLE W/O SR, M, M, MOLDING	Amphenol LTW 安費諾亮泰企業股份有限公司	ITEM NO	DRAWN BY: Allen Pan	DATE: 2021-08-16
TOLERANCE ±0.5mm	SCALE 3:2 / SIZE A4 / SHEET 1 OF 2		DWG NO: SM12A-XXBMMM-SL8DXX	CHECKED BY: Sam Ho	DATE: 2021-08-16
	REV. B / WC-REV. A.1	(QC): Inspection item	CUSTOMER: ALTW	APPROVED BY: Fred Lee	DATE: 2021-08-16

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SMI2A-XXBMMM-SL8DXX

XX: No. Of Pin

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

Contacts	Cable OD	AWG	Item No.
17P	7.0	26	SMI2A-17BMMM-SL8DXX
12P	6.0		SMI2A-12BMMM-SL8DXX
10P			SMI2A-10BMMM-SL8DXX
8P	5.5	24	SMI2A-08BMMM-SL8DXX
6P	5.0		SMI2A-06BMMM-SL8DXX
5P	5.1	22	SMI2A-05BMMM-SL8DXX
4P	4.8		SMI2A-04BMMM-SL8DXX
3P	4.5		SMI2A-03BMMM-SL8DXX

Pin Out

Pin #	Wire	
5	--	
4	Black	黑
3	Blue	藍
2	--	
1	Brown	棕

Pin #	Wire	
5	--	
4	Black	黑
3	Blue	藍
2	White	白
1	Brown	棕

Pin #	Wire	
5	Gray	灰
4	Black	黑
3	Blue	藍
2	White	白
1	Brown	棕

Pin #	Wire	
8	--	
7	Blue	藍
6	Pink	粉
5	--	
4	Yellow	黃
3	Green	綠
2	Brown	棕
1	White	白

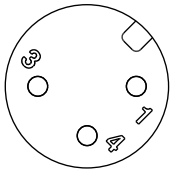
Pin #	Wire	
8	Red	紅
7	Blue	藍
6	Pink	粉
5	Gray	灰
4	Yellow	黃
3	Green	綠
2	Brown	棕
1	White	白

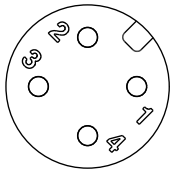
Pin #	Wire	
12	--	
11	--	
10	Violet	紫
9	Black	黑
8	Red	紅
7	Blue	藍
6	Pink	粉
5	Gray	灰
4	Yellow	黃
3	Green	綠
2	Brown	棕
1	White	白

Pin #	Wire	
12	Red/Blue	紅/藍
11	Gray/Pink	灰/粉
10	Violet	紫
9	Black	黑
8	Red	紅
7	Blue	藍
6	Pink	粉
5	Gray	灰
4	Yellow	黃
3	Green	綠
2	Brown	棕
1	White	白

Pin #	Wire	
17	White/Gray	白/灰
16	Yellow/Brown	黃/棕
15	White/Yellow	白/黃
14	Brown/Green	棕/綠
13	White/Green	白/綠
12	Red/Blue	紅/藍
11	Gray/Pink	灰/粉
10	Violet	紫
9	Red	紅
8	Gray	灰
7	Black	黑
6	Yellow	黃
5	Pink	粉
4	Green	綠
3	White	白
2	Blue	藍
1	Brown	棕

Conn.


3P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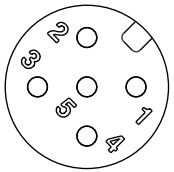
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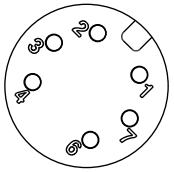
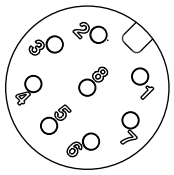
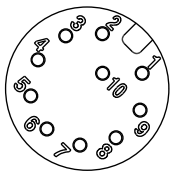
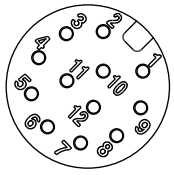
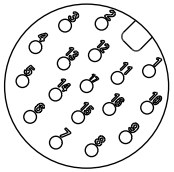

6P


8P


10P


12P


17P

Pin Assignments Front View

UNIT:mm

TOLERANCE

±0.5mm

TITLE: N SEN, M12 A-STAINLESS, SCREW CABLE W/O SR, M, M, MOLDING			
SCALE 3:2	SIZE A4	SHEET 2 OF 2	
REV. B	WC-REV. A.1	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 2021-08-16
DWG NO SMI2A-XXBMMM-SL8DXX	CHECKED BY Sam Ho	DATE 2021-08-16
CUSTOMER ALTW	APPROVED BY Fred Lee	DATE 2021-08-16

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