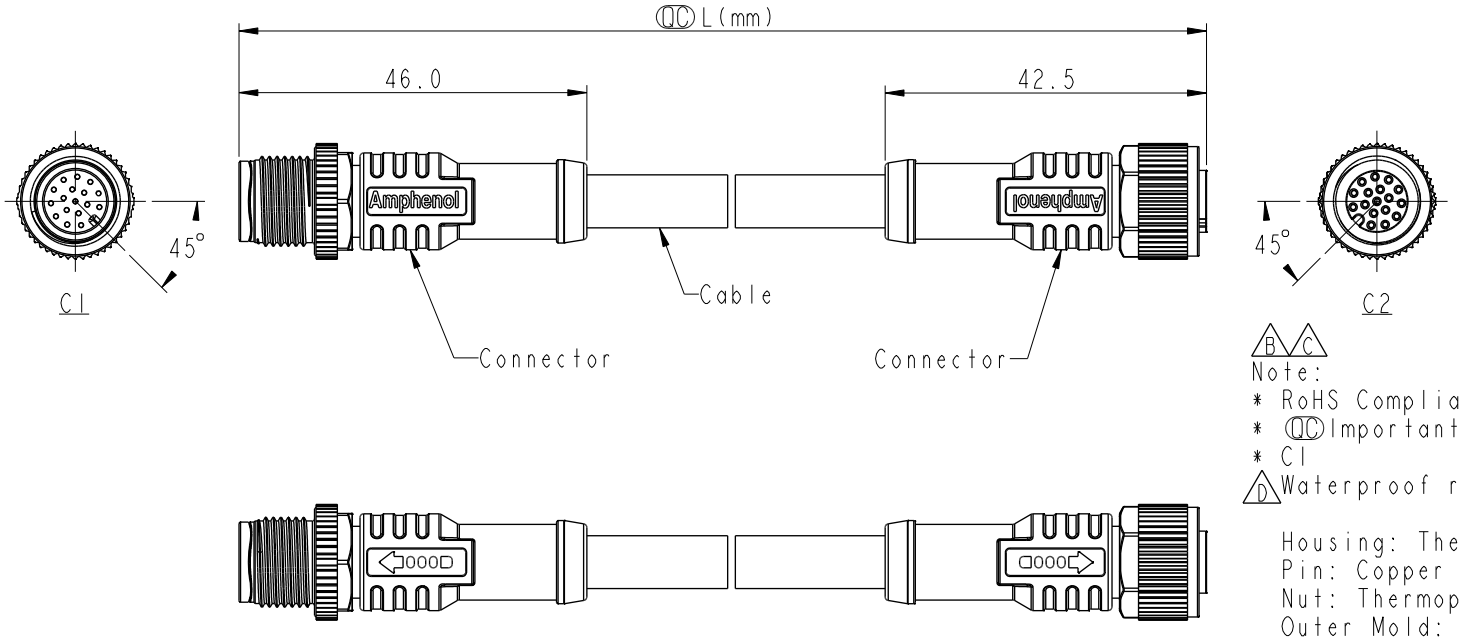
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	C201748	2020/11/16	Ruru	B X7
C	C210231	2021/04/06	Vicky	C X4
D	C230018	2023/01/05	Vicky	D X2



B C
Note:
* RoHS Compliant
* QC Important dimension
* C1
D Waterproof rate: IP68, mated 1m/24h
IP69K, mated
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
Nut: Thermoplastic, Black
Outer Mold: Thermoplastic, Black
* C2
D Waterproof rate: IP68, mated 1m/24h
IP69K, mated
Housing: Thermoplastic, Black
Pin: Copper alloy, Gold plated
O-Ring: Rubber, Green
Nut: Thermoplastic, Black
Outer Mold: Thermoplastic, Black
* Cable: UL2517, 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

UNIT: mm	TITLE: ACC, SEN, A Code, DB-ENDED MF C		ITEM NO	DRAWN BY: Ruru	DATE: 2018-12-05
TOLERANCE: ±0.5mm	SCALE: 1:2	SIZE: A4	SHEET 1 OF 2	DWG NO: B MSAPXXML-SAPFL-SDXXX	CHECKED BY: Rita	DATE: 2018-12-05
	REV. D	WC-REV.	QC: Inspection item	CUSTOMER: ALTW	APPROVED BY: Max	DATE: 2018-12-05

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B MSAPXXML-SAPFL-SDXXX

XX: No. Of Pin

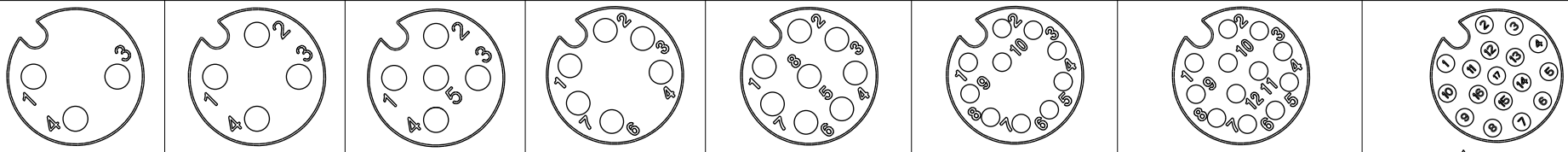
XXX: 0.5~99Meters
A05: 0.5 Meter
1: 01 Meter
2: 02 Meters
:
99: 99 Meters

C Contacts	Cable OD	AWG	Item No.
B 17P	7.0	26	MSAP17ML-SAPFL-SDXXX
12P	6.0		MSAP12ML-SAPFL-SDXXX
10P			MSAP10ML-SAPFL-SDXXX
8P	5.5	24	MSAP08ML-SAPFL-SDXXX
6P	5.0		MSAP06ML-SAPFL-SDXXX
5P	5.1	22	MSAP05ML-SAPFL-SDXXX
4P	4.8		MSAP04ML-SAPFL-SDXXX
3P	4.5		MSAP03ML-SAPFL-SDXXX

Pin Out

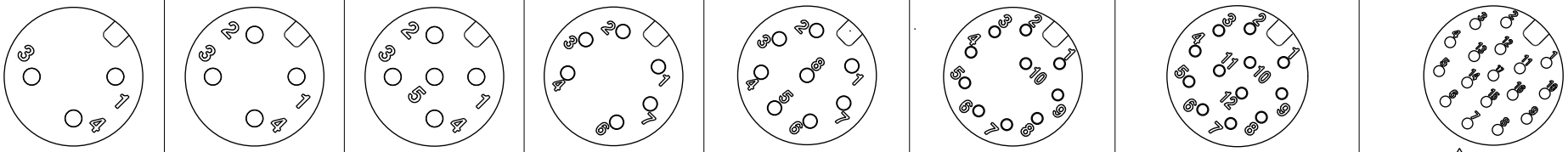
Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire		Pin #	Wire	
												12	--		12	Red/Blue	紅/藍	17	White/Gray	白/灰
												11	--		11	Gray/Pink	灰/粉	16	Yellow/Brown	黃/棕
												10	Violet	紫	10	Violet	紫	15	White/Yellow	白/黃
												9	Black	黑	9	Black	黑	14	Brown/Green	棕/綠
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

C2



3P 4P 5P 6P 8P 10P 12P C 17P

C1



3P 4P 5P 6P 8P 10P 12P C 17P

Pin Assignments Front View

UNIT: mm	TITLE: ACC, SEN, A Code, DB-ENDED MF C	ITEM NO	DRAWN BY: Ruru — DATE: 2018-12-05
TOLERANCE: ±0.5mm	SCALE: 1:2 — SIZE: A4 — SHEET 2 OF 2	DWG NO: B MSAPXXML-SAPFL-SDXXX	CHECKED BY: Rita — DATE: 2018-12-05
	REV. D — WC-REV. — QC: Inspection item	CUSTOMER: ALTW	APPROVED BY: Max — DATE: 2018-12-05

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