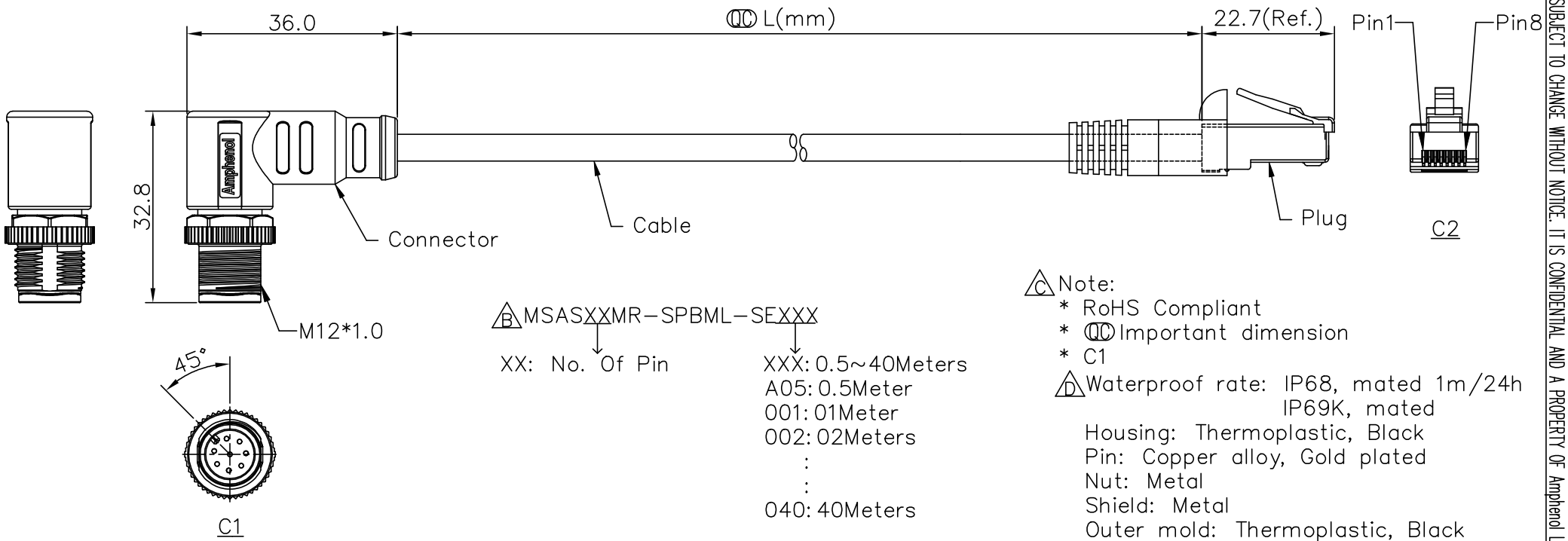
REV.	ECN NO.	DAIE	SIGN	DESCRIPIIO
B	C201755	2020/11/12	Vicky	B X3
C	C210550	2021/04/07	Vicky	C X2
D	C221971	2022/12/21	Vicky	D X1



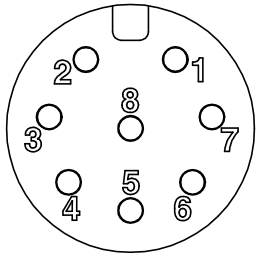
B MSASXXMR-SPBML-SEXXX

XX: No. Of Pin

XXX: 0.5~40Meters
A05: 0.5Meter
001: 01Meter
002: 02Meters
:
:
040: 40Meters

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: Metal
Shield: Metal
Outer mold: Thermoplastic, Black
* C2
Waterproof rate: Non-Waterproof
Plug: RJ45, Shielded
* Cable: CAT-5E, FTP, 24#*4P+Al/My+D, PVC Jacket, OD=6.5mm, 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 ≦ 40M: ±500 mm

C1



8P

Shield	Drain	地線	Shield	
3	Brown	棕	8	
2	White/Brown	白/棕	7	Twist
8	Green	綠	6	
5	White/Green	白/綠	3	Twist
7	Blue	藍	4	
1	White/Blue	白/藍	5	Twist
4	Orange	橘	2	
6	White/Orange	白/橘	1	Twist
C1	Wire Color		C2	
Pin Out				

Pin Assignments
Front View

UNIT: mm	TITLE: M12 A Code Shielded, DOUBLE-ENDED, MM (B)	Amphenol LTW 安費諾亮泰企業股份有限公司	ITEM NO
TOLERANCE: ±0.5 mm	SCALE: Free / SHEET: 1 OF 1		DWG NO: B MSASXXMR-SPBML-SEXXX
	REV.: D / SIZE: A4 / QC: Inspection Item		CUSTOMER: ALTW

DRAWN BY: Allen Pan	DATE: 2020-04-30	
CHECKED BY: Sam Ho	DATE: 2020-04-30	
APPROVED BY: Fred Lee	DATE: 2020-04-30	

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