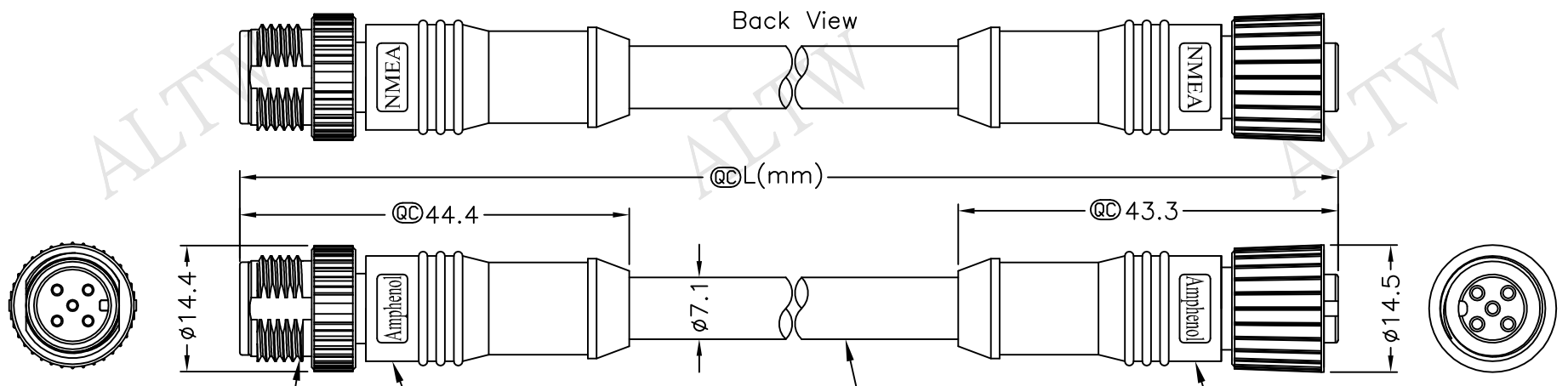


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2009/07/09	Doreen	Change REV.01 to REV.A
B	LEN15C0334~37	2015/12/09	Ruru	Change Logo LTW To Amphenol
C	LEN1640003~06	2016/03/24	Ruru	Modify Cable Color

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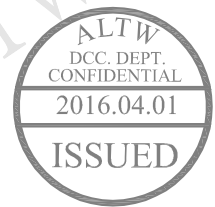
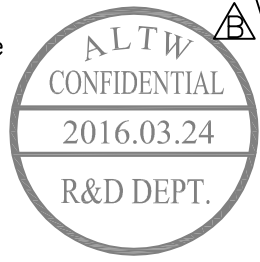
① UMC-05BMMM-SL8000  
Color: Black

② UMC-05BFFM-SL8000  
Color: Black

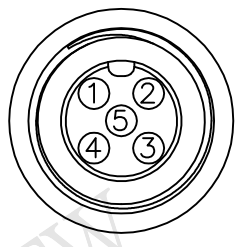
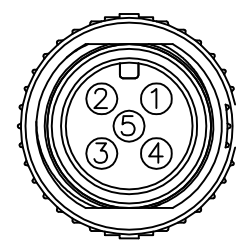
③ Cable

UMC-000505-0MF-CSAXX

XX:01~99Meters  
01:01Meter  
02:02Meters  
:  
99:99Meters  
Cable Length(L):01~99Meters



- Note:
- \* @D Important Dimension.
  - \* Waterproof Rate: IP68
  - \* Connector: PU ,Black
  - \* Pin: Copper Alloy, Gold Plated
  - \* Cable: (24#\*1P+A)+(22#\*1P+A)+Drain+AL. Mylar+Braid, PVC UV Cable OD=7.1mm, Gray
  - \* Cable Length Tolerance: 01M:±40mm  
02M~05M:±60mm  
06M~10M:±100mm  
11M~30M:±200mm  
31M~99M:±500mm



Conn.1  
Pin Assignments  
Front View

Conn.2  
Pin Assignments  
Front View

1	Drain (22AWG)	1	Twist
2	Red 紅 (22AWG)	2	
3	Black 黑 (22AWG)	3	Twist
4	White 白 (24AWG)	4	
5	Blue 藍 (24AWG)	5	
Conn.1	Wire Color	Conn.2	
Pin Out			

UNIT:mm	
TOLERANCE	
±0.5 mm	

TITLE		M12P Conn NMEA I Adapt Screw MF Conn MF Pin	
SCALE	Free	SHEET	1 OF 1
REV.	C	SIZE	A4
		@C	:Inspection Item

**Amphenol LTW**  
安費諾亮泰企業股份有限公司

ITEM NO	
DWG NO	UMC-000505-0MF-CSAXX
CUSTOMER	ALTW

DRAWN BY	Ruru
CHECKED BY	Rita
APPROVED BY	Lisa

DATE	2016/03/24
DATE	2016/03/24
DATE	2016/03/24