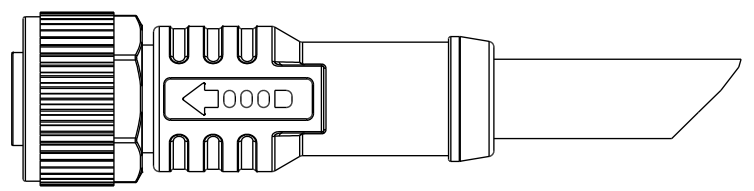
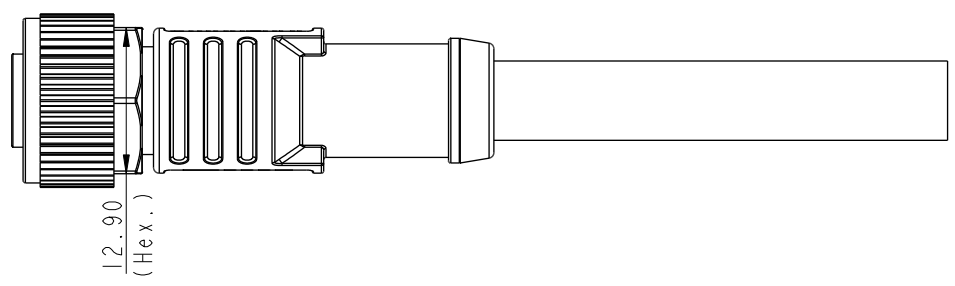
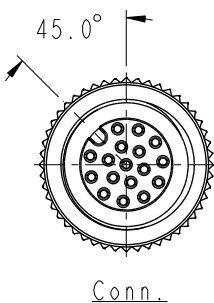
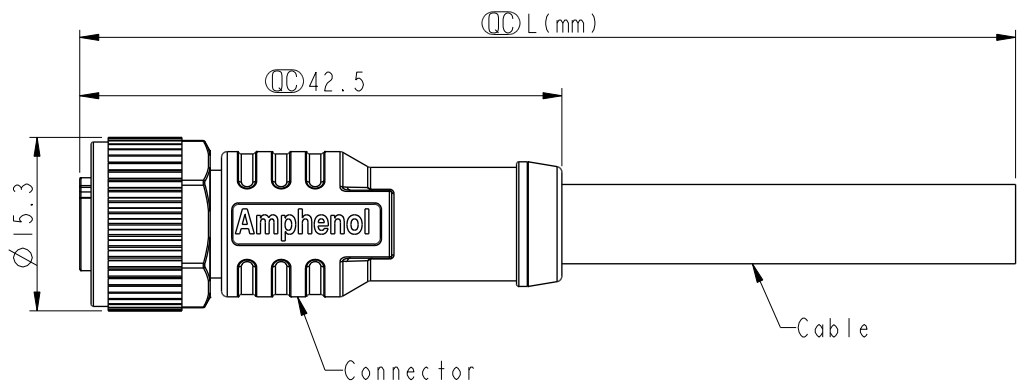


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
E	BOMR19100201	2019/10/29	Peng	Add 17Pin
F	C201439	2020/09/10	Ruru	$\triangle F$ X5
G	C210220	2021/03/02	Vicky	$\triangle G$ X4



$\triangle C$ $\triangle E$ $\triangle F$ $\triangle G$

Note:
 * RoHS Compliant
 * \varnothing Important dimension
 * Waterproof rate: IPX8, mated 1m/24h
 IPX9K, mated

* Connector
 Housing: Thermoplastic, Black
 Pin: Copper alloy, Gold plated
 O-Ring: Rubber, Green
 Nut: Metal
 Outer mold: Thermoplastic, Black
 * Cable: UL20549, PUR 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
 TOLERANCE
 ±0.5mm

TITLE
 N SEN, M12 A, SCREW
 CABLE W/O SR, F, F, MOLDING
 SCALE 3:2 SIZE A4 SHEET 1 OF 2
 REV. G WC-REV. A.3 \varnothing : Inspection item

Amphenol LTW
 安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Lingpeng	2017-04-06
DWG NO	CHECKED BY	DATE
$\triangle E$ M12A-XXBFFM-SL8BXX	Ma Fei	2017-04-06
CUSTOMER	APPROVED BY	DATE
ALTW	Jerry	2017-04-06

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE. IT IS CONFIDENTIAL AND A PROPERTY OF Amphenol LTW. DISCLOSURE TO THIRD PARTY HAS TO BE AUTHORIZED BY Amphenol LTW.

F	<p>MI2A-XXBFFM-SL8BXX</p> <p>XX: No. Of Pin</p> <p>XX: 01~99Meters 01: 01Meter 02: 02Meters : 99: 99Meters</p>						8				
E							E	17P	7.0	26	M12A-17BFFM-SL8BXX
							12P	6.0	M12A-12BFFM-SL8BXX		
							10P		M12A-10BFFM-SL8BXX		
						C/D	8P	4.8	24	M12A-08BFFM-SL8BXX	
							6P	5.0		M12A-06BFFM-SL8BXX	
							5P	4.4		M12A-05BFFM-SL8BXX	
							4P	4.0	22	M12A-04BFFM-SL8BXX	
							3P	3.8		M12A-03BFFM-SL8BXX	
						F/G	Contacts	Cable OD	AWG	Item No.	

C	Pin Out						8
		5 --	5 --	5 Gray	5 --	5 --	5 --
		4 Black	4 Black	4 Black	4 Yellow	4 Red	4 Red
		3 Blue	3 Blue	3 Black	3 Green	3 Blue	3 Blue
		2 --	2 White	2 White	2 Brown	2 Green	2 Green
		1 Brown	1 Brown	1 Brown	1 White	1 Brown	1 White
		Pin #	Wire	Pin #	Wire	Pin #	Wire
		12 --	12 Red/Blue	12 White/Gray	12 --	12 --	12 Red/Blue
		11 --	11 Gray/Pink	11 Yellow/Brown	11 --	11 --	11 Gray/Pink
		10 Violet	10 Violet	10 White/Yellow	10 Violet	10 Violet	10 Violet
		9 Black	9 Black	9 Brown/Green	9 Black	9 Black	9 Black
		8 Red	8 Red	8 White/Green	8 Red	8 Red	8 Red
		7 Blue	7 Blue	8 Red/Blue	7 Blue	7 Blue	7 Blue
		6 Pink	6 Pink	11 Yellow/Brown	6 Pink	6 Pink	6 Pink
		5 Gray	5 Gray	15 White/Yellow	5 Gray	5 Gray	5 Gray
		4 Yellow	4 Yellow	14 Brown/Green	4 Yellow	4 Yellow	4 Yellow
		3 Green	3 Green	13 White/Green	3 Green	3 Green	3 Green
		2 Brown	2 Brown	12 Red/Blue	2 Brown	2 Brown	2 Brown
		1 White	1 White	11 Gray/Pink	1 White	1 White	1 White
		Pin #	Wire	Pin #	Wire	Pin #	Wire
		17 White/Gray	17 White/Gray	10 Violet	17 White/Gray	17 White/Gray	17 White/Gray
		16 Yellow/Brown	16 Yellow/Brown	9 Red	16 Yellow/Brown	16 Yellow/Brown	16 Yellow/Brown
		15 White/Yellow	15 White/Yellow	8 Gray	15 White/Yellow	15 White/Yellow	15 White/Yellow
		14 Brown/Green	14 Brown/Green	7 Black	14 Brown/Green	14 Brown/Green	14 Brown/Green
		13 White/Green	13 White/Green	6 Yellow	13 White/Green	13 White/Green	13 White/Green
		12 Red/Blue	12 Red/Blue	5 Pink	12 Red/Blue	12 Red/Blue	12 Red/Blue
		11 Gray/Pink	11 Gray/Pink	4 Green	11 Gray/Pink	11 Gray/Pink	11 Gray/Pink
		10 Violet	10 Violet	3 White	10 Violet	10 Violet	10 Violet
		9 Red	9 Red	2 Blue	9 Red	9 Red	9 Red
		8 Gray	8 Gray	1 Brown	8 Gray	8 Gray	8 Gray
		7 Black	7 Black	Pin #	7 Black	7 Black	7 Black
		6 Yellow	6 Yellow	Wire	6 Yellow	6 Yellow	6 Yellow
		5 Pink	5 Pink		5 Pink	5 Pink	5 Pink
		4 Green	4 Green		4 Green	4 Green	4 Green
		3 White	3 White		3 White	3 White	3 White
		2 Blue	2 Blue		2 Blue	2 Blue	2 Blue
		1 Brown	1 Brown		1 Brown	1 Brown	1 Brown

Pin Assignments Front View

UNIT:mm			TITLE N SEN, M12 A, SCREW CABLE W/O SR, F, F, MOLDING		ITEM NO	DRAWN BY Lingpeng	DATE 2017-04-06	
TOLERANCE	±0.5mm		SCALE 3:2	SIZE A4	SHEET 2 OF 2	DWG NO MI2A-XXBFFM-SL8BXX	CHECKED BY Ma Fei	DATE 2017-04-06
			REV. G	WC-REV. A.2	QC: Inspection item	CUSTOMER ALTW	APPROVED BY Jerry	DATE 2017-04-06

Amphenol LTW

安費諾亮泰企業股份有限公司