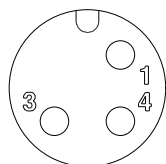
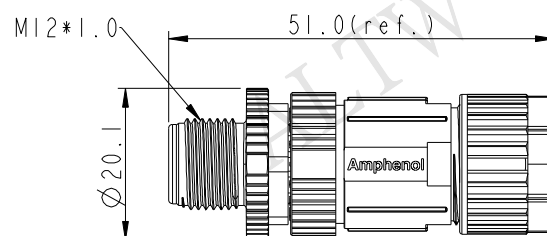
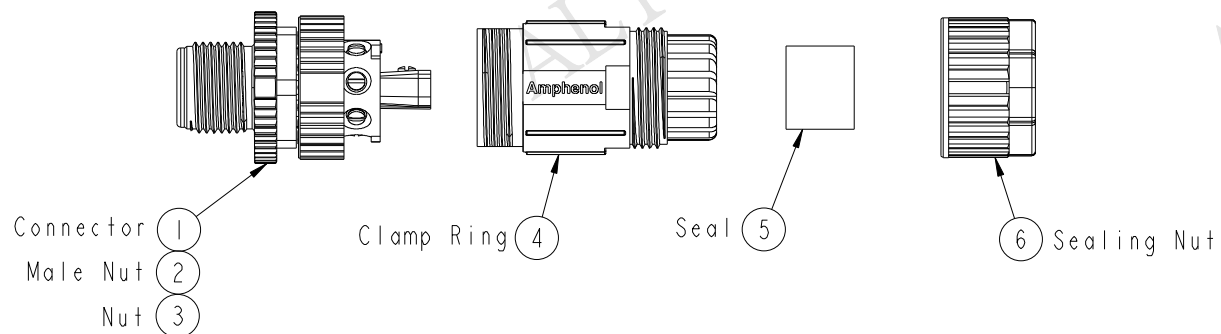
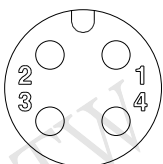


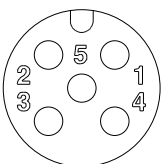
ALTW
DCC. DEPT.
CONFIDENTIAL
2015.10.28
ISSUED



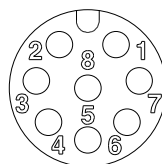
3P



4P



5P



8P

Pin Assignments Front View

UNIT: mm



TOLERANCE

$\pm 0.5\text{mm}$

TITLE	M12 A-code Plastic Assy M Conn. M Pin
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SCALE

SIZE	A4
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WC-REV. A 3

SHEET	OF	2
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QC: inspect

QC: Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO	DESCRIPTION	QTY	UNIT	AMOUNT
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100	...	...	...	...

DATE	11/11/2019
DRAWN BY	11/11/2019

Mila

	DATE
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2015-09-29

DWG NO	
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	CHECKED BY
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Cary

	DATE
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2015-09-29

CUSTOMER	
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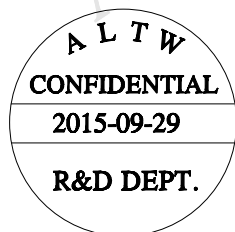
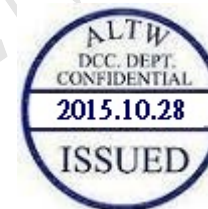
ALTW

	APPROVED BY
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Jerry

	DATE
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2015-09-29



M SAP - XX B M M B - S L 7 001

SAP: A-Code Plastic Nut

03: 3Pin

04: 4Pin

05: 5Pin

08: 8Pin

B: Without S/R(無網尾)

M: Male Connector(公座)

M: Male Pin(公Pin)

001: Without Cable

7: IP67(防水等級67)

L: Straight(180°)

S: Screw(螺紋式)

B: Screw in Type(組裝式)

Note:

- * Important Dimension To Check.
- * Waterproof Rate: IP67
- * Housing: Nylon, Black
- * Male Pin: Copper Alloy, Gold Plated
- * Male Nut: PBT+PC, Black
- * Nut: PBT+PC, Black
- * O-Ring: Silicon, Grey
- * Clamp Ring: Nylon, Black
- * Sealing Nut: PBT+PC, Black
- * Seal: Silicon, Grey
- * Seal For Cable OD: $\varnothing 4.0\text{mm} \sim \varnothing 8.0\text{mm}$
- * Screws for Wire connection recommended tightening torque: $0.61 \sim 0.84 \text{ kgf.cm} / 0.059 \sim 0.082 \text{ N.m}$
- * Applicable Wire gauge (Stranded wire cross section) $0.14\text{mm}^2 (26\text{AWG}) \sim 0.82\text{mm}^2 (18\text{AWG})$
- * Mating Recommended tightening torque: $3 \sim 4 \text{ kgf.cm} / 0.29 \sim 0.39 \text{ N.m}$
- * Sealing-Nut Recommended tightening torque: $4 \sim 6 \text{ kgf.cm} / 0.39 \sim 0.59 \text{ N.m}$
- * Detailed applicable wire specifications may vary depending on the actual wire construction.

UNIT:mm				TITLE		ITEM NO		DRAWN BY		DATE	
TOLERANCE				MI2 A-code Plastic Assy M Conn. M Pin		DWG NO		Mila		2015-09-29	
$\pm 0.5\text{mm}$		SCALE		1:1	SIZE	A4	SHEET	2	OF	2	DATE
		REV.		A	WC-REV.		A.3	Inspection item		2015-09-29	
						CUSTOMER		ALTW		2015-09-29	
								CHECKED BY		Cary	
								APPROVED BY		Jerry	

Amphenol LTW
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Mouser Electronics

Authorized Distributor

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