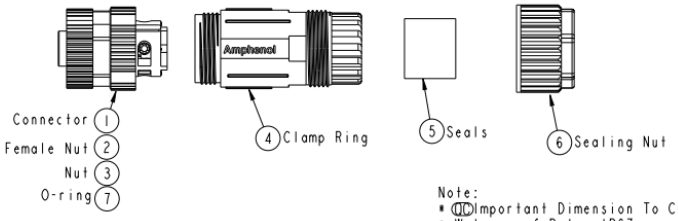
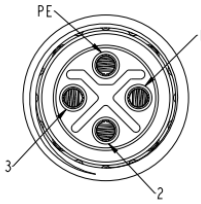
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2015/03/26	Cary	Change Rev. 01 to Rev.A
B	LEN16A0156	2016/10/18	Yulong_wang	Change the Note.

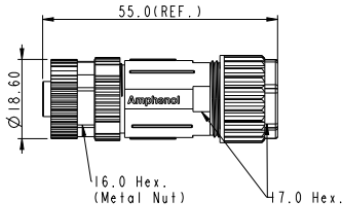
ALTW
CONFIDENTIAL
2016-10-18
R&D DEPT.



ALTW
DCC. DEPT.
CONFIDENTIAL
2016.10.27
ISSUED



Pin Assignments
Front View



Note:
- Important Dimension To Check.
- Waterproof Rate: IP67
- Housing: Nylon+GF,UL94V-0,Black
- Female Pin: Copper Alloy, Gold Plated
- Female Nut: Zinc Alloy, Nickel Plated
- O-Ring: Silicon,UL94V-0,Grey
- Clamp Ring: Nylon,UL94V-0,Black
- Sealing Nut: PBT+PC,UL94V-0,Black
- Seals: Silicon,UL94V-0,Gray
- Rated Voltage: 630V AC
- Rated Current at 40°C: 12A
- Operation Temperature: -40~+105℃.
- Seal For Cable Range OD:Ø8.0mm~Ø10.0mm, 16AWG
- Screws for Wire connection recommended tightening torque: 0.61~0.84 kgf.cm / 0.059~0.082 N.m
- Applicable Wire gauge (Stranded wire cross section) 0.52mm2 (20AWG) ~ 1.31mm2 (16AWG)
- Mating Recommended tightening torque: 3~4 kgf.cm / 0.29~0.39 N.m
- Sealing-Nut Recommended tightening torque: 4~6 kgf.cm / 0.39~0.59 N.m
- Detailed applicable wire specifications may vary depending on the actual wire construction.

UNIT:mm

TOLERANCE	
.X	±0.25
.XX	±0.1
.XXX	±0.05
ANGLES	±1°

TITLE	M12 S Code 4Pin F Conn. ASSY
SCALE	1:1
SIZE	A4
SHEET	1 OF 1
REV.	B
MC-REV.	A.1
	⊚: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	M12S-04BFFB-SL7002	DRAWN BY Yulong_wang	DATE 2016-10-18
DWG NO	M12S-04BFFB-SL7002	CHECKED BY Jinhai	DATE 2016-10-18
CUSTOMER	ALTW	APPROVED BY Jerry	DATE 2016-10-18

FMB10702-01-02A1

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