

		2		3		4		5		6		7		8			
								REV.		ECN NO.		DATE		SIGN		DESCRIPTION	
								A		Initial Release		2017/04/14		Frank Deng		Rev.01 To Rev.A	
								B		LE317B0197		2017/11/18		Frank Deng		Update Drawing	
								C		C231296		2023/10/13		Vicky		△C X2	

360° Adjustable Key Code Direction

Connector

Female Nut

Nut

O-ring

1

2

3

6

Clamp Ring

4

Seal

5

Sealing Nut

7

Screw Nut

10

Screw

9

Nut Plate

8

Screw Nut

10

Screw

9

Pin Assignments

Front View

Amphenol

39.3(Ref)

16.0 Hex.

43.8(Ref)

Note:

* ∅ Important Dimension To Check.

* Waterproof Rate: IP67(Mated)

* Housing: Nylon,Black

* Female Pin: Copper Alloy, Gold Plated

* Female Nut: Zinc Alloy, Nickel Plated

* Nut: PBT+PC, Black

* O-Ring: Silicon,Grey

* Clamp Ring: Nylon,Black

* Seal: Silicon,Grey

* Sealing Nut: Nylon+GF,Black

* Nut Plate: Nylon+GF,Black

* Seal For Cable OD:∅4.0mm~∅7.0mm

* 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) 0.14mm2 (26AWG) ~ 0.82mm2 (18AWG)

* Mating Recommended tightening torque: 4~6 kgf.cm / 0.39~0.59 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.

* One set unassembled in one pe bag

UNIT:mm

TOLERANCE

.X ±0.25

.XX ±0.1

.XXX ±0.05

ANGLES ±1°

TITLE

NMEA, MC HEX. NUT 4A (APP)

CABLE W/O SR, F, F, FI SCREW IN

SCALE

I: I

SIZE

A4

SHEET

I

OF

I

REV.

C

WC-REV.

A.3

QC

: Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

HMC-05BFFB-SR7001

DWG NO

HMC-05BFFB-SR7001

CUSTOMER

ALTW

DRAWN BY

Frank Deng

CHECKED BY

Fisher Wang

APPROVED BY

Kevin Hu

DATE

2017-11-18

DATE

2017-11-18

DATE

2017-11-18

1

2

3

4

5

6

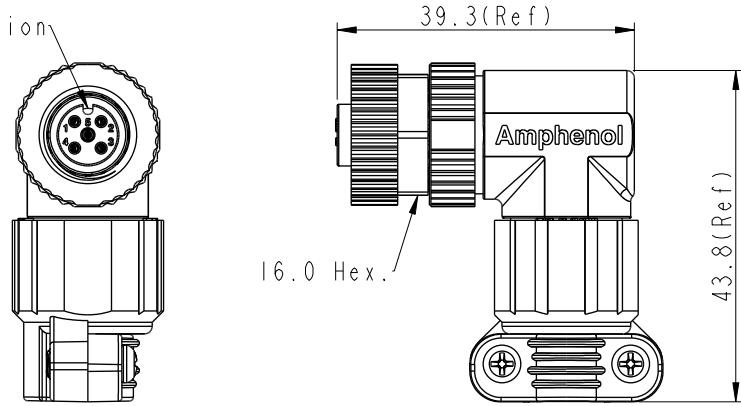
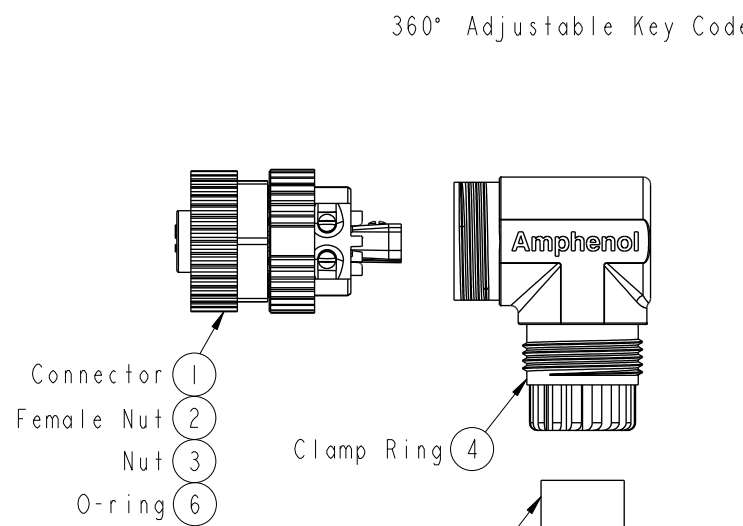
7

8

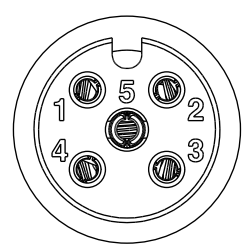
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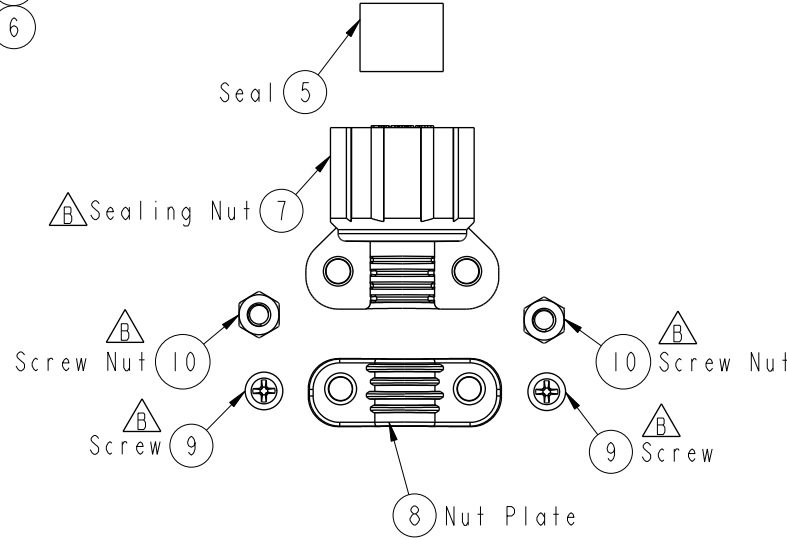
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A	Initial Release	2017/04/14	Frank Deng	Rev.01 To Rev.A
B	LE317B0197	2017/11/18	Frank Deng	Update Drawing
C	C231296	2023/10/13	Vicky	△C X2



- Note:
- * (C) Important Dimension To Check.
 - * Waterproof Rate: IP67(Mated)
 - * Housing: Nylon,Black
 - * Female Pin: Copper Alloy, Gold Plated
 - * Female Nut: Zinc Alloy, Nickel Plated
 - * Nut: PBT+PC, Black
 - * O-Ring: Silicon,Grey
 - * Clamp Ring: Nylon,Black
 - * Seal: Silicon,Grey
 - * Sealing Nut: Nylon+GF,Black
 - * Nut Plate: Nylon+GF,Black
 - * Seal For Cable OD: $\varnothing 4.0\text{mm} \sim \varnothing 7.0\text{mm}$
 - * 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: $4 \sim 6 \text{ kgf.cm} / 0.39 \sim 0.59 \text{ N.m}$
 - * 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.
 - * △ One set unassembled in one pe bag



Pin Assignments
Front View



UNIT:mm		TITLE	
		NMEA, MC HEX. NUT 4A (APP)	
		CABLE W/O SR, F, F, FI SCREW IN	
TOLERANCE		SCALE	SIZE
.X		1:1	A4
.XX		REV.	MC-REV.
.XXX		C	A.3
ANGLES		SHEET 1 OF 1	
		QC: Inspection item	

Amphenol LTW		ITEM NO	HMC-05BFFB-SR7001	DRAWN BY	Frank Deng	DATE	2017-11-18
安費諾亮泰企業股份有限公司		DWG NO	HMC-05BFFB-SR7001	CHECKED BY	Fisher Wang	DATE	2017-11-18
		CUSTOMER	ALTW	APPROVED BY	Kevin Hu	DATE	2017-11-18