

REV. A
Initial Release
2017-04-14
Frank Deng
Rev.01 To Rev.A

REV. B
LE317B0197
2017-11-18
Frank Deng
Update Drawing

ECN NO. DATE SIGN DESCRIPTION

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

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39.3(Ref)

43.8(Ref)

16.0 Hex.

Pin Assignments
Front View

1
5
2
4
3

UNIT:mm

TOLERANCE
.X
.XX
.XXX
ANGLES

±0.25
±0.1
±0.05
±1°

TITLE
NMEA MICRO-C, FIELD INSTALLABLE
5PIN, R/A, F CONN F PIN, METAL

SCALE
1:1

SIZE
A4

SHEET
1 OF 1

REV.
B

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

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:Ø4.0mm~Ø7.0mm

* 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.

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