

ALTW
CONFIDENTIAL
2017-11-18
R&D DEPT.

REV. ECN NO. DATE SIGN DESCRIPTION

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

B LE317B0195 2017-11-18 Frank Deng Update Drawing

360° Adjustable Key Code Direction

M12*1.0

Connector 1
Male NUT 2
NUT 3

Clamp Ring 4

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43.2(Ref)

43.8(Ref)

16.0 Hex.

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Seal 5

Sealing Nut 6

Screw Nut 9

Screw 8

Nut Plate 7

Pin Assignments
Front View

1 2 3 4 5

Note:

* (Circled Q) Important Dimension To Check.

* Waterproof Rate: IP67(Mated)

* 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

* 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.

UNIT:mm

TOLERANCE

.X ±0.25

.XX ±0.1

.XXX ±0.05

ANGLES ±1°

TITLE

NMEA MICRO-C,FIELD INSTALLABLE
5PIN, R/A, M CONN M PIN, PLASTIC

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 HPC-05BMMB-SR7001

DWG NO HPC-05BMMB-SR7001

CUSTOMER ALTW

DRAWN BY Frank Deng

CHECKED BY Fisher Wang

APPROVED BY Kevin Hu

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