

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
A		2019-12-10	Allen Pan	Rev.05 To Rev.A
B	C201422	2020-09-15	Allen Pan	△B x3

Mating Nut 1

Screw

Mating Nut 2

Housing

Pin

O-Ring

△B Fixed Plate

Clamp Ring

Seal 1
Seal 2
Seal 3

Sealing Nut

M12*1.0

M20*1.0

M20*1.5

Ø20.1

Ø23.0

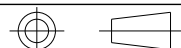
67.0(Ref)

Notes:

- * Waterproof Rate: IP67, Mated.
- * Housing: Thermoplastic, Black.
- * Pin: Copper Alloy, Gold Plated.
- * O-Ring: Rubber, Gray.
- * △B Fixed Plate: Metal.
- * Mating Nut 1: Metal.
- * Mating Nut 2: Thermoplastic, Black.
- * Screw: Metal.
- * Clamp Ring: Thermoplastic, Black.
- * Sealing Nut: Thermoplastic, Black.
- * Seal: Rubber.
 - 1.Black. For Cable OD: Ø12.0mm~14.0mm.
 - 2.Gray. For Cable OD: Ø10.0mm~12.0mm.
 - 3.Black. For Cable OD: Ø8.0mm~10.0mm.
- * Rated Voltage: 63V DC.
- * Rated Current: 16A.
- * Screws For Wire Connection Recommended
Tightening Torque: 0.61~0.84kgf.cm/0.059~0.082N.m.
- * Applicable Wire Gauge: 16AWG~14AWG.
- * 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.

Pin Assignments
Front View

UNIT:mm



TOLERANCE

±0.5mm

TITLE

M12 L Code 5Pin Male FI Screw In

SCALE

1:1

SIZE

A4

SHEET

1

OF

1

REV.

B

WC-REV.

A.8

QC:Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

M12L-05BMMB-SL7001

DWG NO

M12L-05BMMB-SL7001

CUSTOMER

ALTW

DRAWN BY

Allen Pan

CHECKED BY

Sam Ho

APPROVED BY

Fred Lee

DATE

2019-12-10

DATE

2019-12-10

DATE

2019-12-10