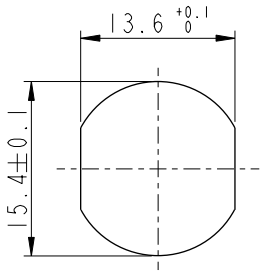
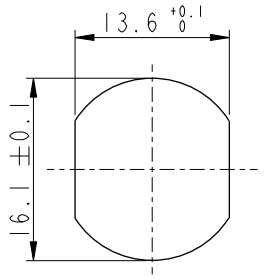
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
B	LE31580008~009	2015-07-27	Yulong_wang	Change to Share Drawing.
C	E191630	2019-09-19	Ruru	Update Wire Tolarance

(PG9)



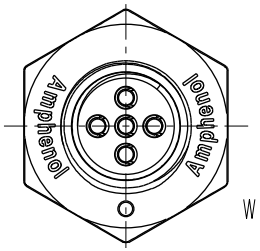
Recommended Panel Cut-Out

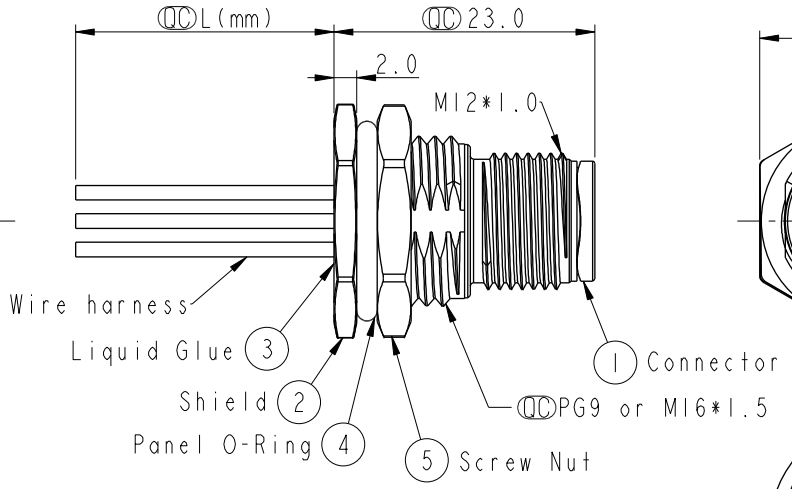
(M16*1.5)

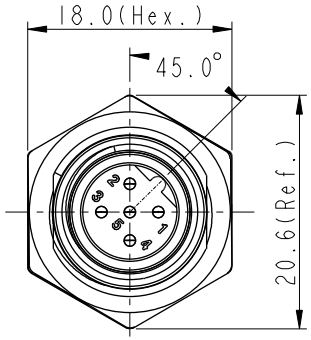


Recommended Panel Cut-Out

5P	UL1061	22	M12B-05PMMC-SF8BXX M12B-05PMMC-SF8CXX
Contacts	Wire harness	AWG	Item No.







M 12B - 05 P M M C - S F 8 X XX △C

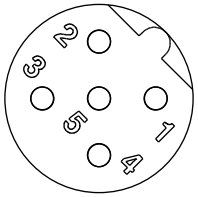
- 12B:B-Code
- 05:5Pin
- P:Panel(板端)
- M:Male Connector(公座)
- M:Male Pin(公Pin)
- C:Crimp Type(打端式)
- S:Screw(螺紋式)
- F:Front Fasten(前鎖式/Enclosure Rear Mount)
- 8:IP68(防水等級68)
- B:PG9
  C:M16*1.5
- XX:
  15:150mm
  20:200mm
  ⌠
  95:950mm
  Cable Pitch Unit=50mm

  A0:1000mm
  ⌠
  A5:1500mm
  Cable Pitch Unit=100mm
  Wire Length (L):150~1500 mm

5	Gray	灰
4	Black	黑
3	Blue	藍
2	White	白
1	Brown	棕

Pin # Wire

Pin Out



Pin Assignments Front View

Note:
* QC Important Dimension.
* Waterproof Rate:IP68.
* Housing:Nylon+GF,Black.
* Male Pin:Copper Alloy,Gold Plated.
* Shield:Zinc Alloy,Nickel Plated.
* Screw Nut:Zinc Alloy,Nickel Plated.
* Panel O-Ring:Viton,Black.
* Wire harness: UL1061
* Rated Voltage: 60V dc. or ac.
* Rated Current: 4A
* Operating Temperature: -25~85°C
* For Panel Thickness Max 4.5mm.
* Recommended Nut Torque:4-6 Kgf.cm.
△C * Wire harness Tolerance: 150~300±15mm
  301~1000±20mm
  Over1000 ±50/-0mm

ALTW
CONFIDENTIAL
2019-09-19
R&D DEPT.

UNIT:mm

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

TITLE: M12 B-Code Male Conn. Panel Front With Wire harness

SCALE	SIZE	SHEET
2:1	A4	1 OF 1
REV. C	WC-REV. A.5	QC:Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO		DRAWN BY	Ruru	DATE	2019-09-19
DWG NO	M12B-05PMMC-SF8XXX	CHECKED BY	Rita	DATE	2019-09-19
CUSTOMER	ALTW	APPROVED BY	Max	DATE	2019-09-19

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