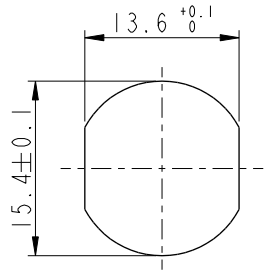
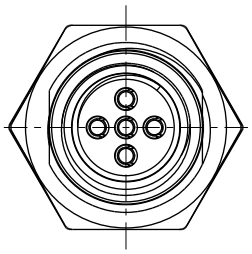
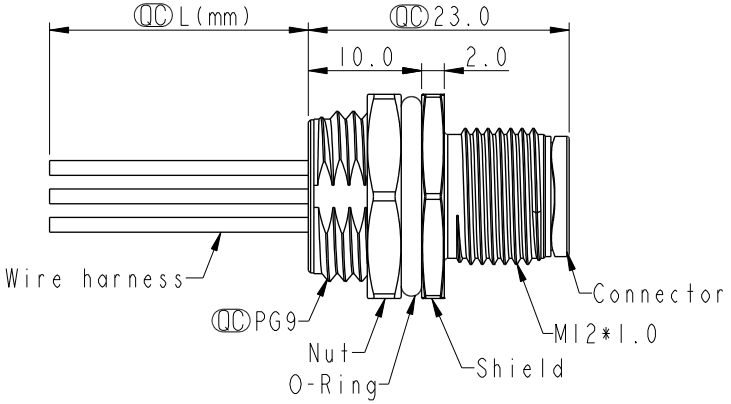
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
G	C210593	2021/04/16	Ruru	△G X3
H	C221879	2022/12/20	Ruru	△H X1
I	C231031	2023/08/04	Ruru	△I X1

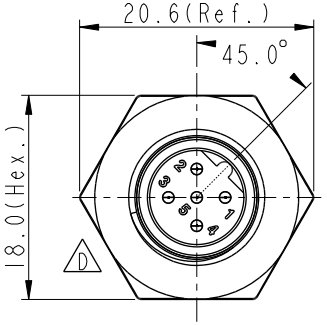


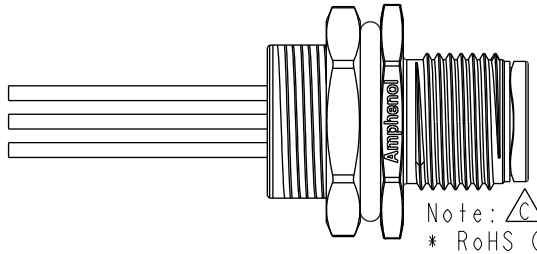
Recommended Panel Cut-Out

△B



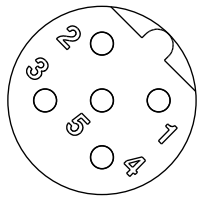






Pin #	Wire	
5	Gray	灰
4	Black	黑
3	Blue	藍
2	White	白
1	Brown	棕

Pin Out



Pin Assignments Front View

△C △D △E △G
M12B-XXPMMC-SH8BXX

XX: No. Of Pin

10: 100mm
15: 150mm
20: 200mm
∫
95: 950mm
Cable Pitch Unit=50mm

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

Note: △C △D △F △G
* RoHS Compliant
* QC Important dimension
△H * Waterproof rate: IP68, unmated 1m/24h
△I IP69K, mated
* Connector
  Housing: Thermoplastic, Black
  Pin: Copper alloy, Gold plated
* Shield: Metal
* Nut: Metal
* O-Ring: Rubber, Black
* Wire harness: UL1061, 22AWG
* For panel thickness max: 4.5mm
* O-Ring and nut are assembled on connectors
* Wire harness tolerance: 100mm: ±10mm
  100mm < L ≤ 300mm: ±15mm
  300mm < L ≤ 1000mm: ±20mm
  1000mm < L ≤ 1500mm: ±50mm

UNIT: mm

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

TITLE: N SEN, M12 B, SCREW RECEPTACLE, M, M, FI/PANEL CRIMP △D △E △G

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

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	△E M12B-XXPMMC-SH8BXX	CHECKED BY	Rita	DATE	2019-09-19
CUSTOMER	ALTW	APPROVED BY	Max	DATE	2019-09-19

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