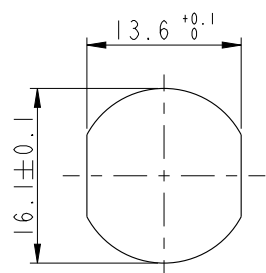
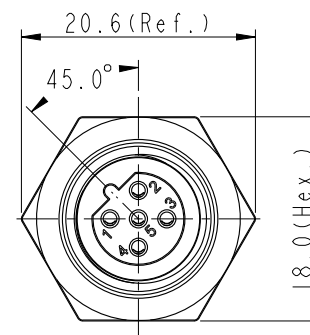
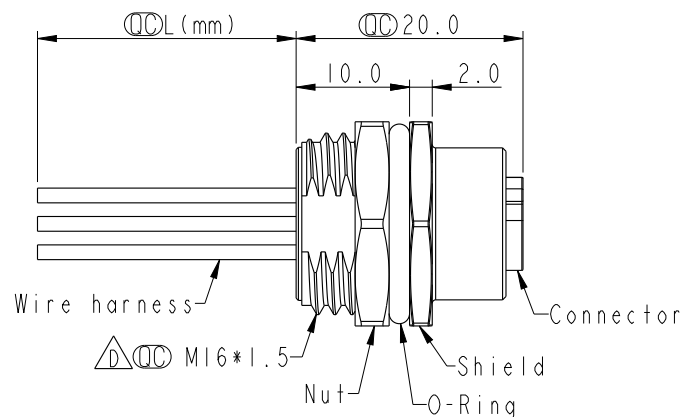
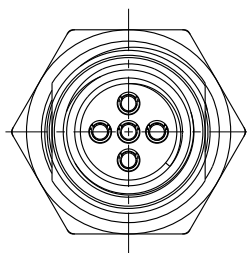


REV.	ECN NO.	DATE	SIGN	DESCRIPTION
H	C240659	2024/06/11	Hubert	 X1
I	C240699	2024/06/20	Vicky	 X2
J	C241122	2024/10/27	Henry	 X1



Recommended
Panel Cut-Out



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

XX: No. Of Pin

MI2B-XXPFFC-SH8CXX

 15: 150mm
 20: 200mm
 }
 95: 950mm
 Cable Pitch Unit=50mm

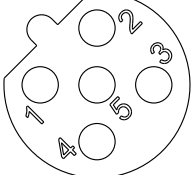
 A0: 1000mm
 }
 A5: 1500mm
 Cable Pitch Unit=100mm
 Wire Length (L): 150~1500mm

Note: 

- * RoHS Compliant
- *  Important dimension
- *  Waterproof rate: IP68, unmated 1m/24h

 IP69K, mated
- * Connector
 - Housing: Thermoplastic, Black
 - Pin: Copper alloy, Gold plated
 - O-Ring: Rubber, Green
- * 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:

150mm < L ≤ 300mm:	±15mm
300mm < L ≤ 1000mm:	±20mm
1000mm < L ≤ 1500mm:	+50/-0mm

Pin Out	
 Diagram of a 5-pin connector (5P) showing pin assignments: 1 (bottom-left), 2 (top-right), 3 (middle-right), 4 (bottom-right), and 5 (middle-left).	 Diagram of a 4-pin connector (4P) showing pin assignments: 1 (bottom-left), 2 (top-right), 3 (middle-right), and 4 (bottom-right).
Pin Assignments Front View	

UNIT: mm				TITLE N SEN, M12 B, SCREW RECEPTACLE, F, F, FI/PANEL CRIMP 	
TOLERANCE				SCALE	SHEET
.X	±0.25			2:1	1 OF 1
.XX	±0.1			A4	
.XXX	±0.05				
ANGLES	±1°			REV.	WC-REV.
				J	A.5
					QC: Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY	DATE
	Henry	2024/10/27
DWG NO	CHECKED BY	DATE
 M12B-XXPFFC-SH8CXX	Jerry	2024/10/27
CUSTOMER	APPROVED BY	DATE
ALTW	Fred	2024/10/27