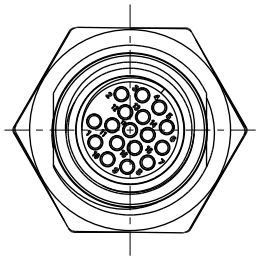
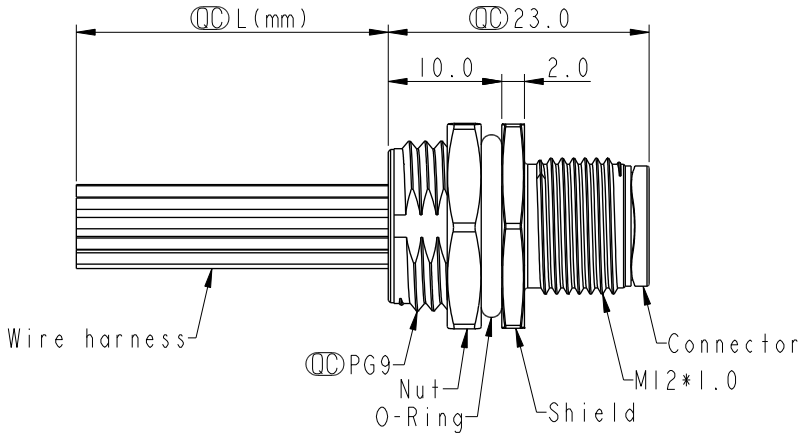
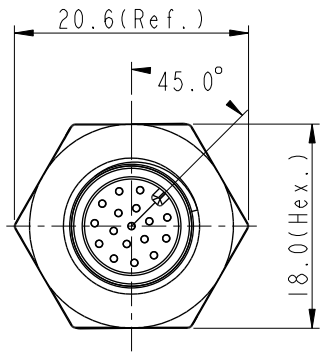
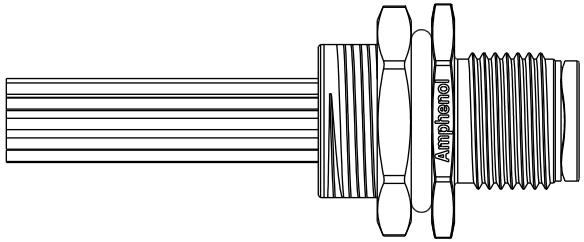
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
I	C221878	2022/12/19	Ruru	△I XI
J	C231031	2023/08/04	Ruru	△J XI
K	C240700	2024/06/20	Ruru	△K X2

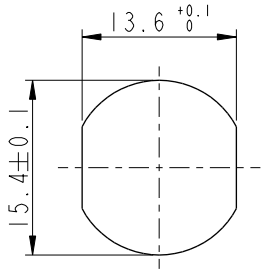








Note: △C △D △F △G △H
* RoHS Compliant
* QC Important dimension
△I * Waterproof rate: IP68, unmated 1m/24h
△J IP69K, mated
* Connector
  Housing: Thermoplastic, Black
  Pin: Copper alloy, Gold plated
* Shield: Metal
* Nut: Metal
* O-Ring: Rubber, Black
* Wire harness: UL1061
* For panel thickness max: 4.5mm
* O-Ring and nut are assembled on connectors
△K * Wire harness tolerance: 150mm < L ≦ 300mm: ±15mm
  300mm < L ≦ 1000mm: ±20mm
  1000mm < L ≦ 1500mm: +50/-0mm



Recommended
Panel Cut-Out

UNIT: mm

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

TITLE: N SEN, M12 A, SCREW RECEPTACLE, M, M, F1/PANEL CRIMP △F △H

SCALE	SIZE	SHEET
1:1	A4	1 OF 2
REV. K	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	DATE
	Ruru	2019-09-19
DWG NO △F M12A-XXPMMC-SH8BXX	CHECKED BY Rita	DATE 2019-09-19
CUSTOMER ALTW	APPROVED BY Max	DATE 2019-09-19

WI0814-03-RW01A2

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Contacts	AWG	Item No.
17P	26	MI2A-17PMMC-SH8BXX
5P	22	MI2A-05PMMC-SH8BXX
4P		MI2A-04PMMC-SH8BXX
3P		MI2A-03PMMC-SH8BXX

△E

△D △F △H
MI2A-XXPMMC-SH8BXX

XX: No. Of Pin

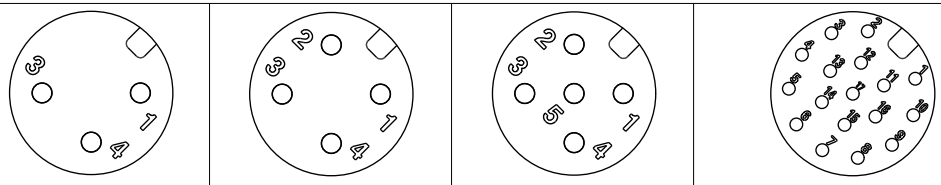
△K
15:150mm
20:200mm
∫
95:950mm
Cable Pitch Unit=50mm

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

△E

Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire
5	--	5	--	5	Gray 灰	17	White/Gray 白/灰
4	Black 黑	4	Black 黑	4	Black 黑	16	Yellow/Brown 黃/棕
3	Blue 藍	3	Blue 藍	3	Blue 藍	15	White/Yellow 白/黃
2	--	2	White 白	2	White 白	14	Brown/Green 棕/綠
1	Brown 棕	1	Brown 棕	1	Brown 棕	13	White/Green 白/綠
						12	Red/Blue 紅/藍
						11	Gray/Pink 灰/粉
						10	Violet 紫
						9	Red 紅
						8	Gray 灰
						7	Black 黑
						6	Yellow 黃
						5	Pink 粉
						4	Green 綠
						3	White 白
						2	Blue 藍
						1	Brown 棕

Pin Out



3P 4P 5P 17P

Pin Assignments Front View

UNIT:mm

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

TITLE: N SEN, MI2 A, SCREW RECEPTACLE, M, M, FI/PANEL CRIMP △F △H

SCALE	SIZE	SHEET	OF
1:1	A4	2	2

REV. K | 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	DATE
	Ruru	2024-06-20
DWG NO △F MI2A-XXPMMC-SH8BXX	CHECKED BY Rita	DATE 2024-06-20
CUSTOMER ALTW	APPROVED BY Fred	DATE 2024-06-20

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