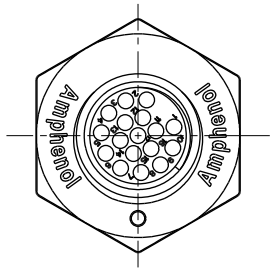
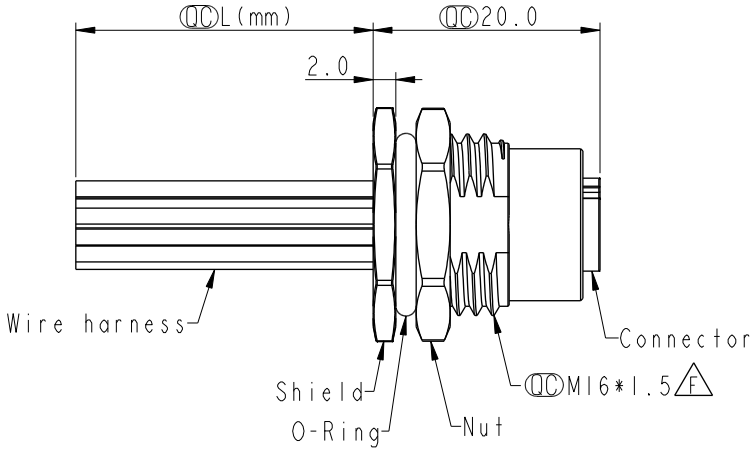
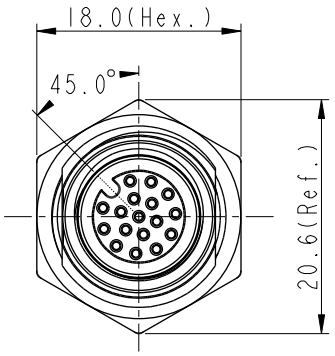
REV.	ECN NO.	DATE	SIGN	DESCRIPTION
E	BOMR19100207	2019/10/29	Peng	Add 17Pin
F	C201603	2020/10/22	Ruru	(F) X8
G	C210239	2021/04/06	Ruru	(G) X4

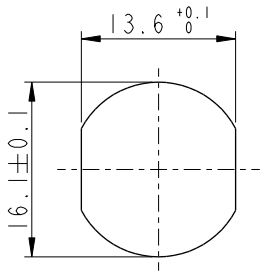






Note: (C)(D)(F)(G)
* RoHS Compliant
* (QC)Important dimension
* Waterproof rate: IPX8, unmated 1m/24h
  IPX9K, unmated
* Connector
  Housing: Thermoplastic, Black
  Pin: Copper alloy, Gold plated
  O-Ring: Rubber, Green
* Shield: Metal
* Nut: Metal
* O-Ring: Rubber, Black
* Wire harness: UL1061
* For panel thickness max: 4.5mm
* O-Ring and nut are assembled on connectors
* Wire harness tolerance: 100mm: ±10mm
  100mm < L ≦ 300mm: ±15mm
  300mm < L ≦ 1000mm: ±20mm
  1000mm < L ≦ 1500mm: ±50mm

(F)



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, F, F, F1/PANEL CRIMP (G)

SCALE	SIZE	SHEET
3:2	A4	1 OF 2
REV. G	WC-REV. A.3	(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-XXPFFC-SF8CXX	CHECKED BY Rita	DATE 2019-09-19
CUSTOMER ALTW	APPROVED BY Max	DATE 2019-09-19

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Contacts	AWG	Item No.
17P	26	MI2A-17PFFC-SF8CXX
5P	22	MI2A-05PFFC-SF8CXX
4P		MI2A-04PFFC-SF8CXX
3P		MI2A-03PFFC-SF8CXX

△C △D △E △F △G

MI2A-XXPFFC-SF8CXX

XX: No. Of Pin

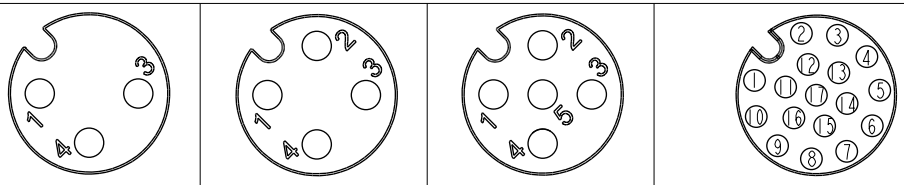
10:100mm
15:150mm
20:200mm
∫
95:950mm
Cable Pitch Unit=50mm

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

△C △F

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



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, F, F, FI/PANEL CRIMP △G

SCALE 3:2 | SIZE A4 | SHEET 2 OF 2

REV. G | WC-REV. A.3 | 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: △F MI2A-XXPFFC-SF8CXX	CHECKED BY: Rita	DATE: 2019-09-19
CUSTOMER: ALTW	APPROVED BY: Max	DATE: 2019-09-19

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