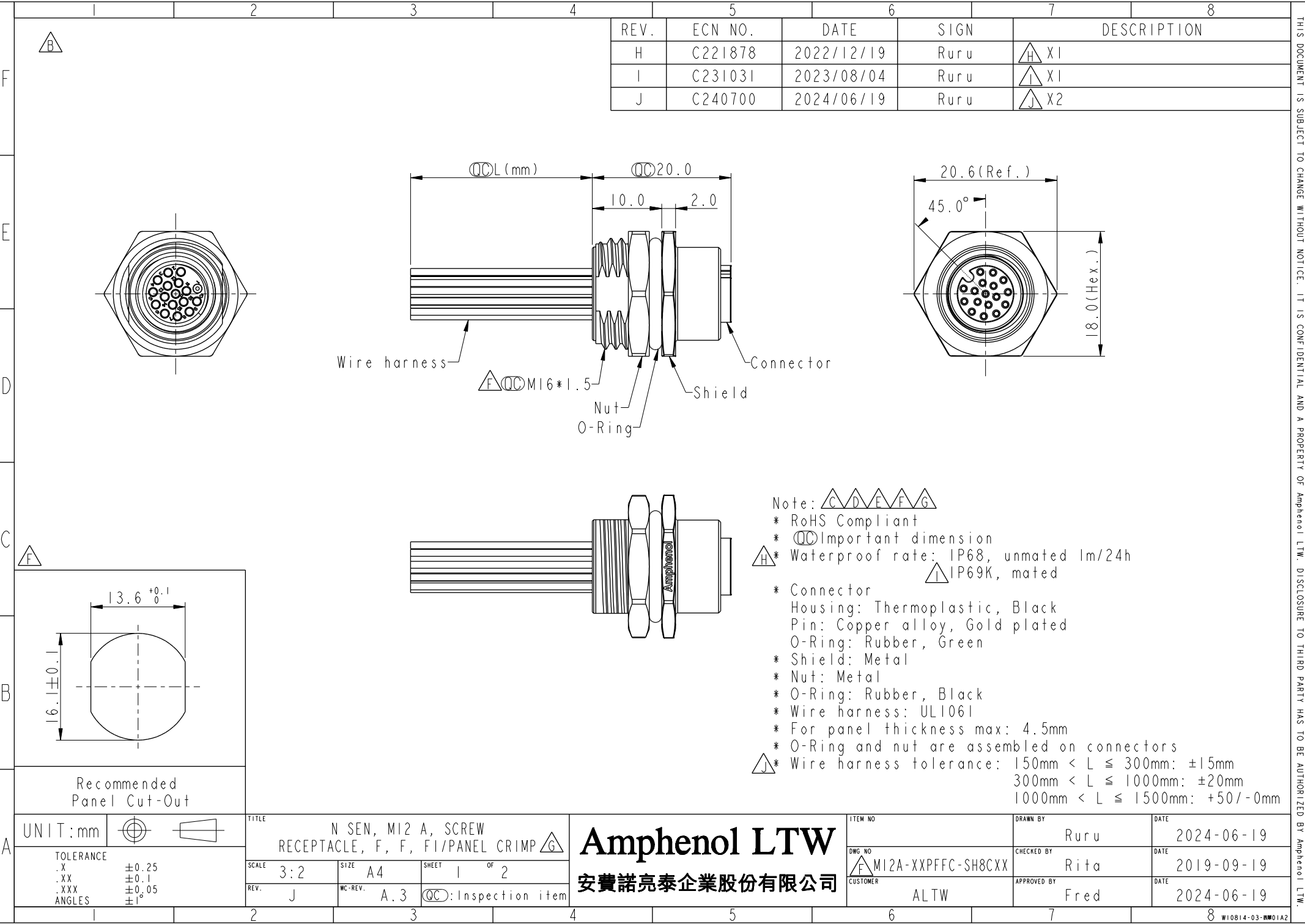




REV.	ECN NO.	DATE	SIGN	DESCRIPTION
H	C221878	2022/12/19	Ruru	X1
I	C231031	2023/08/04	Ruru	X1
J	C240700	2024/06/19	Ruru	X2

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
- * 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

UNIT: mm		TOLERANCE		TITLE		ITEM NO		DRAWN BY		DATE	
.X ±0.25		.XX ±0.1		N SEN, M12 A, SCREW		DWG. NO		Ruru		2024-06-19	
.XXX ±0.05		ANGLES ±1°		RECEPTACLE, F, F, FI/PANEL CRIMP		M12A-XXPFFC-SH8CXX		CHECKED BY		DATE	
SCALE 3:2		SIZE A4		SHEET 1 OF 2		CUSTOMER		Rita		2019-09-19	
REV. J		WC-REV. A.3		Inspection item		ALTW		APPROVED BY		DATE	
								Fred		2024-06-19	

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	1	2	3	4	5	6	7	8		
F							C E F	17P 5P 4P 3P	26 22	MI2A-17PFFC-SH8CXX MI2A-05PFFC-SH8CXX MI2A-04PFFC-SH8CXX MI2A-03PFFC-SH8CXX
								Contacts	AWG	Item No.
E										
D										
C										
B										
A										

C

E

F

MI2A-XXPFFC-SH8CXX

XX: No. Of Pin

C

D

E

F

G

MI2A-XXPFFC-SH8CXX

XX: No. Of Pin

J

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	--	5	--	5	Gray	灰	17	White/Gray	白/灰
4	Black	4	Black	4	Black	黑	16	Yellow/Brown	黃/棕
3	Blue	3	Blue	3	Blue	藍	15	White/Yellow	白/黃
2	--	2	White	2	White	白	14	Brown/Green	棕/綠
1	Brown	1	Brown	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 #

Wire

Pin #

Wire

Pin #

Wire

Pin #

Wire

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, F, F, FI/PANEL CRIMP

SCALE 3:2

SIZE A4

SHEET 2 OF 2

REV. J

WC-REV. A.3

QC:Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

CUSTOMER

MI2A-XXPFFC-SH8CXX

ALTW

DRAWN BY

Ruru

CHECKED BY

Rita

APPROVED BY

Fred

DATE

2024-06-19

DATE

2024-06-19

DATE

2024-06-19

8

W10814-03-0001A2

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