



REV.	ECN NO.	DATE	SIGN	DESCRIPTION
G	C210239	2021/04/13	Ruru	X4
H	C221878	2022/12/19	Ruru	X1
I	C231031	2023/08/04	Ruru	X1

- 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: 100mm:  $\pm 10\text{mm}$   
100mm < L  $\leq$  300mm:  $\pm 15\text{mm}$   
300mm < L  $\leq$  1000mm:  $\pm 20\text{mm}$   
1000mm < L  $\leq$  1500mm:  $\pm 50\text{mm}$

A	UNIT: mm			TITLE N SEN, M12 A, SCREW RECEPTACLE, F, F, FI/PANEL CRIMP			ITEM NO		DRAWN BY Ruru		DATE 2019-09-19					
	TOLERANCE			SCALE 3:2	SIZE A4	SHEET 1 OF 2	DWG NO M12A-XXPFFC-SH8BXX		CHECKED BY Rita		DATE 2019-09-19					
	.X ±0.25			REV. 1	WC-REV. A.3	: Inspection item	CUSTOMER ALTW		APPROVED BY Max		DATE 2019-09-19					
	.XX ±0.1															
	.XXX ±0.05															
ANGLES ±1°																
1		2		3		4		5		6		7		8		WI0814-03-00001A2

	1	2	3	4	5	6	7	8		
F								17P	26	MI2A-17PFFC-SH8BXX
								5P	22	MI2A-05PFFC-SH8BXX
								4P		MI2A-04PFFC-SH8BXX
								3P		MI2A-03PFFC-SH8BXX
							Contacts	AWG	Item No.	
E										
D										
C										
B										
A										

MI2A-XXPFFC-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

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 # Wire Pin # Wire Pin # Wire Pin # Wire

Pin Out

3P

4P

5P

17P

Pin Assignments Front View

UNIT:mm

TITLE

N SEN, MI2 A, SCREW RECEPTACLE, F, F, FI/PANEL CRIMP

SCALE

3:2

SIZE

A4

SHEET

2

OF

2

REV.

1

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-SH8BXX

ALTW

DRAWN BY

Ruru

CHECKED BY

Rita

APPROVED BY

Max

DATE

2019-09-19

DATE

2019-09-19

DATE

2019-09-19

8

WI0814-03-0001A2

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