



REV.	ECN NO.	DATE	SIGN	DESCRIPTION
G	C210239	2021/04/06	Ruru	X4
H	C221878	2022/12/19	Ruru	X1
I	C231031	2023/08/04	Ruru	X1

Note: C D F G

- * 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: ±10mm
100mm < L ≤ 300mm: ±15mm
300mm < L ≤ 1000mm: ±20mm
1000mm < L ≤ 1500mm: ±50mm

UNIT: mm		TOLERANCE		TITLE		ITEM NO		DRAWN BY		DATE	
.X ±0.25		.XX ±0.1		N SEN, M12 A, SCREW		DWG. NO		Ruru		2019-09-19	
.XXX ±0.05		ANGLES ±1°		RECEPTACLE, F, F, FI/PANEL CRIMP		M12A-XXPFFC-SF8CXX		CHECKED BY		DATE	
REV. 1		WC-REV. A.3		SCALE 3:2		CUSTOMER		APPROVED BY		DATE	
SHEET 1 OF 2		QC: Inspection item		ALTW		Max		2019-09-19		8	

Amphenol LTW
安費諾亮泰企業股份有限公司

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F							<div><div><div></div><div></div><div></div></div><div><div></div><div></div><div></div></div></div>	<div><div>17P</div><div>5P</div><div>4P</div><div>3P</div></div>	<div>26</div> <div>22</div>	<div>MI2A-17PFFC-SF8CXX</div> <div>MI2A-05PFFC-SF8CXX</div> <div>MI2A-04PFFC-SF8CXX</div> <div>MI2A-03PFFC-SF8CXX</div>
								Contacts	AWG	Item No.
E										
D							<div><div><div></div><div></div><div></div><div></div><div></div></div><div>MI2A-XXPFFC-SF8CXX</div></div>			
							XX: No. Of Pin			
								10:100mm		
								15:150mm		
C								20:200mm		
								}		
								95:950mm		
								Cable Pitch Unit=50mm		
B								A0:1000mm		
								}		
								A5:1500mm		
								Cable Pitch Unit=100mm		
A								Wire Length (L):150~1500 mm		
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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

5	--	黑	5	--	黑	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

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.

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-SF8CXX

ALTW

DRAWN BY

CHECKED BY

APPROVED BY

Ruru

Rita

Max

DATE

DATE

DATE

2019-09-19

2019-09-19

2019-09-19

8

W10814-03-0001A2