

F										
E										
D										
C										
B										
A										

REV.	ECN NO.	DATE	SIGN	DESCRIPTION
F	C221928	2022/12/20	Ruru	X1
G	C231033	2023/08/08	Ruru	X1
H	C240701	2024/06/20	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

Recommended Panel Cut-Out

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

TITLE N SEN, M12 A -SHLD, SCREW RECEPTACLE, F, F, SOLDER			
SCALE 3:2	SIZE A4	SHEET 1 OF 2	
REV. H	WC-REV. A.3	Inspection item	

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO.	DRAWN BY Ruru	DATE 2024-06-20
DWG. NO. MSAS-XXPFFS-SF8CXX	CHECKED BY Rita	DATE 2024-06-20
CUSTOMER ALTW	APPROVED BY Fred	DATE 2024-06-20

	1	2	3	4	5	6	7	8													
F							C D	<table><tr><td>12P</td><td rowspan="2">26</td><td>MSAS-12PFFS-SF8CXX</td></tr><tr><td>10P</td><td>MSAS-10PFFS-SF8CXX</td></tr><tr><td>8P</td><td rowspan="2">24</td><td>MSAS-08PFFS-SF8CXX</td></tr><tr><td>6P</td><td>MSAS-06PFFS-SF8CXX</td></tr><tr><td>Contacts</td><td>AWG</td><td>Item No.</td></tr></table>	12P	26	MSAS-12PFFS-SF8CXX	10P	MSAS-10PFFS-SF8CXX	8P	24	MSAS-08PFFS-SF8CXX	6P	MSAS-06PFFS-SF8CXX	Contacts	AWG	Item No.
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B

C

D

E

MSAS-XXPFFS-SF8CXX

XX: No. Of Pin

H

15:150mm

20:200mm

95:950mm

Cable Pitch Unit:50mm

A0:1000mm

A5:1500mm

Cable Pitch Unit:100mm

Wire Length(L):150~1500mm

C

D

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

C

D

Pin #	Wire	Pin #	Wire	Pin #	Wire	Pin #	Wire
6P 8P 10P 12P							

UNIT:mm

TOLERANCE

.X±0.25

.XX±0.1

.XXX±0.05

ANGLES±1°

TITLE

N SEN, M12 A -SHLD, SCREW RECEPTACLE, F, F, SOLDER

SCALE

3:2

SIZE

A4

SHEET

2

OF

2

REV.

H

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

MSAS-XXPFFS-SF8CXX

ALTW

DRAWN BY

CHECKED BY

APPROVED BY

Ruru

Rita

Fred

DATE

DATE

DATE

2024-06-20

2024-06-20

2024-06-20

1

2

3

4

5

6

7

8

W10814-03-0001A2