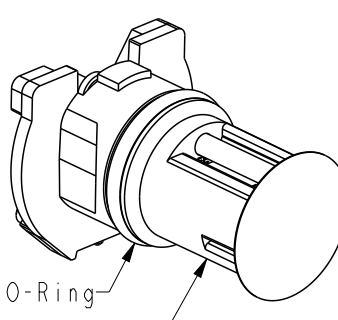
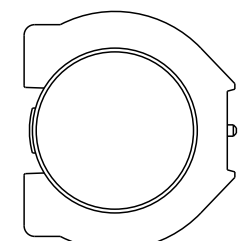


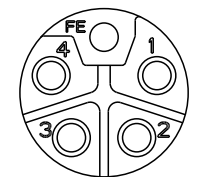
				REV.	ECN NO.	DATE	SIGN	DESCRIPTION	
				D	C240752	2024/06/20	Yunchen	$\triangle D \times 3$	
				E	C241063	2024/09/18	Yunchen	$\triangle E \times 3$	
				F	C260146	2026/02/02	Andy	$\triangle F \times 4$	



O-Ring

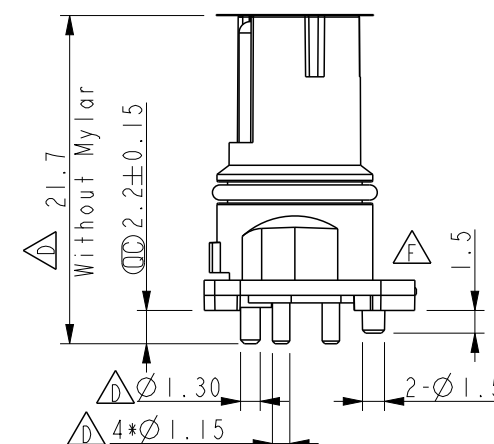
Connector



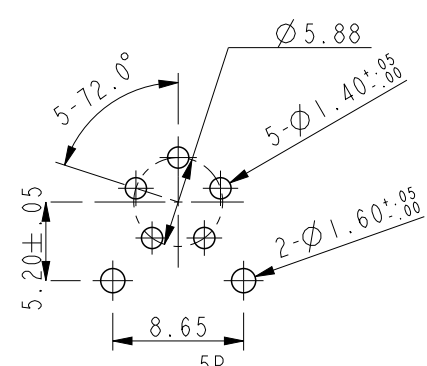


4+FE

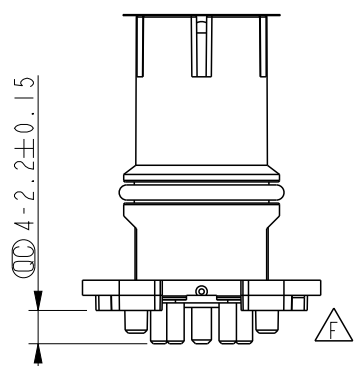
Pin Assignment Front View

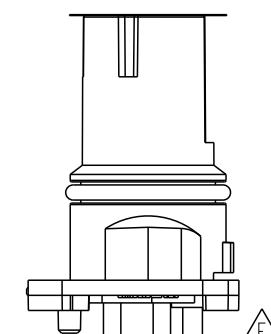


SECTION A-A



PCB Layout





$\triangle B$ MI2L-XXPFDP-EE0001

XX: No. Of Pin

$\triangle B \triangle C \triangle E$ Note:

- * RoHS Compliant
- * $\odot$ Important dimension
- * Waterproof rate: Non-Waterproof
- * Connector Housing: Thermoplastic, Black
- * Pin: Copper Alloy, Gold Plated
- * $\triangle C$ O-Ring: Rubber, Gray
- * For panel thickness max: 4.0mm
- * For pcb thickness: 1.6mm
- * Mylar: PI, Amber

UNIT:mm				TITLE			
TOLERANCE				N SEN, MI2 L, NONE			
.X ±0.25				RECEPTACLE, F, F PWR+M GND, PCB S			
.XX ±0.1				SCALE 2:1		SIZE A4	
.XXX ±0.05				SHEET 1 OF 3			
ANGLES ±2°				REV. F		WC-REV.	
						$\odot$: Inspection item	

Amphenol LTW

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ITEM NO	DRAWN BY	DATE
	Andy	2026/02/02
DWG NO	CHECKED BY	DATE
MI2L-XXPFDP-EE0001	YunChen	2026/02/02
CUSTOMER	APPROVED BY	DATE
ALTW	Aric	2026/02/02

1

2

3

4

5

6

7

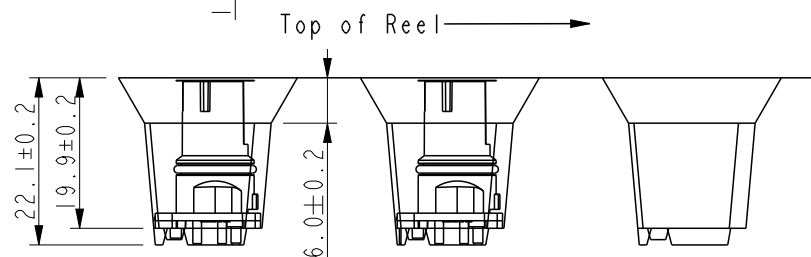
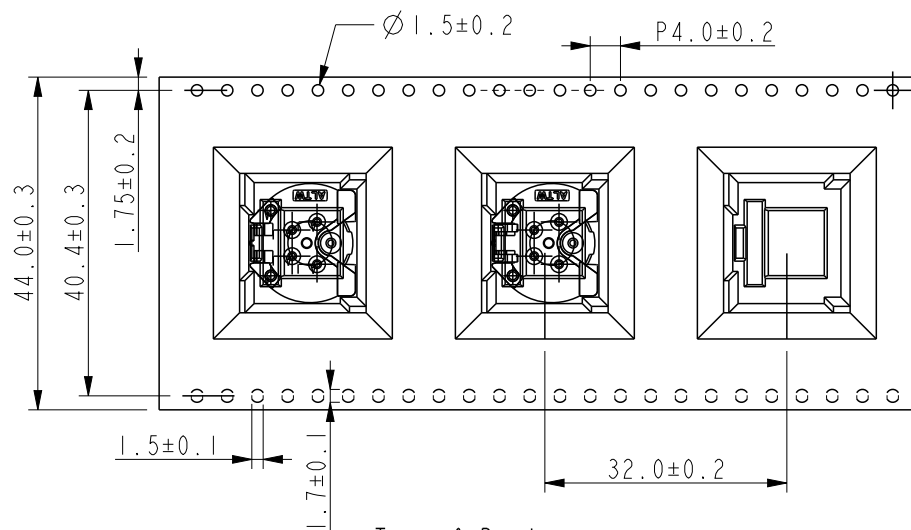
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W10814-03-BW01A2

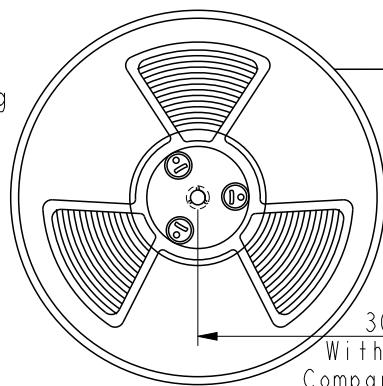
Amphenol LTW

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Note:
* Connector Orientation follow Drawing



Top of Reel

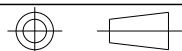
Peeling angle 160°~180°
Peeling strength 0.1~1.3N Max.
(300±10mm/min)

Wide cover tape around
out periphery turn

70 PCS/Reel
With Product Charge

300mm
With Empty
Compartments

UNIT:mm



TOLERANCE

TITLE

N SEN, M12 L, NONE
RECEPTACLE, F, F PWR+M GND, PCB S

SCALE

FREE

SIZE

A4

SHEET

2

OF

3

REV.

F

WC-REV.

A.19

 Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

CUSTOMER

M12L-XXPFDP-EE0001

ALTW

DRAWN BY

CHECKED BY

APPROVED BY

Andy

YunChen

Aric

DATE

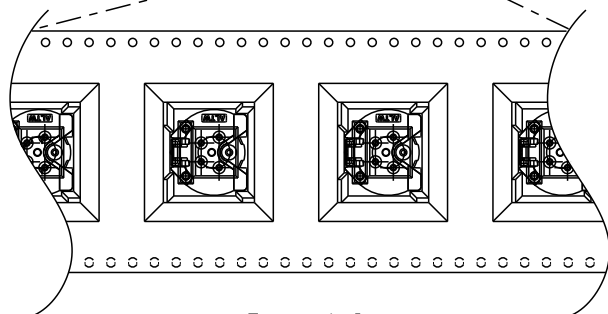
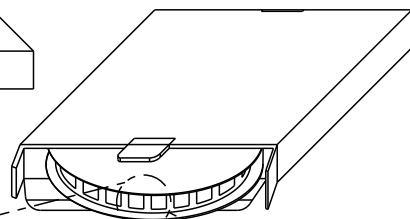
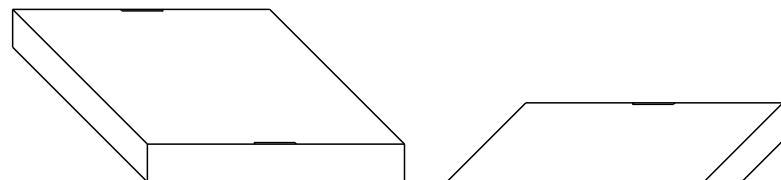
DATE

DATE

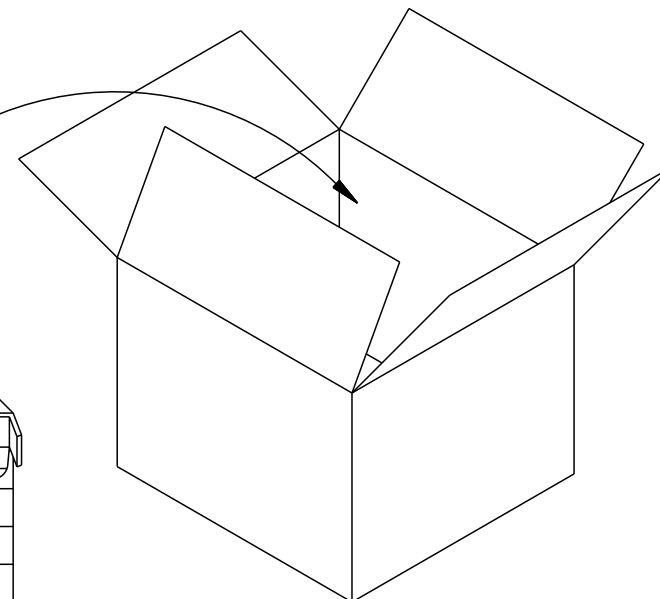
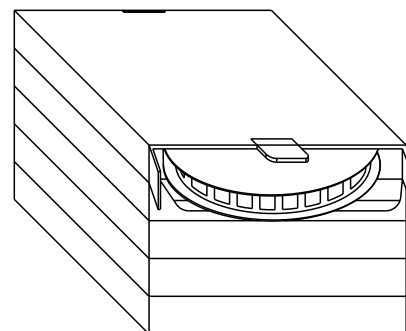
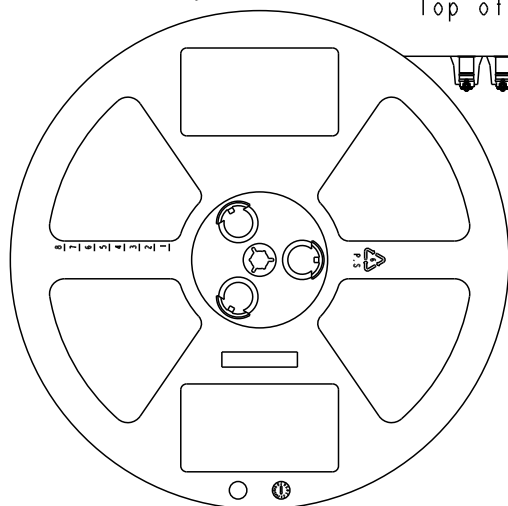
2026/02/02

2026/02/02

2026/02/02

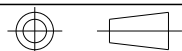


Top of Reel



Note:
70 PCS(Connector)/Tape&Reel Put in a Box
5PCS(Max.) Box Put in a Carton

UNIT:mm



TOLERANCE

TITLE
N SEN, M12 L, NONE
RECEPTACLE, F, F PWR+M GND, PCB S

SCALE FREE SIZE A4 SHEET 3 OF 3
REV. F WC-REV. A.19 QC:Inspection item

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO
DWG NO M12L-XXPFDP-EE0001
CUSTOMER ALTW

DRAWN BY Andy
CHECKED BY YunChen
APPROVED BY Aric

DATE 2026/02/02
DATE 2026/02/02
DATE 2026/02/02