

Pin		State	REV.		ECN NO.	DATE	SIGN	DESCRIPTION
4P		Released	B		C240342	2024/04/12	Vicky	△B *1
5P		Released	C		C250855	2025/06/30	Kris Huang	Change Rev.B To Rev.C
8P		Upon Request	D		C251084	2025/08/25	Kris Huang	△D *3
12P		Upon Request						

M12A-XXPMMT-EE0002

XX : No. of Pin

4Pin Assignments Front View

5Pin Assignments Front View

8Pin Assignments Front View

12Pin Assignments Front View

12.6^{+0.25}_{-0.20}

18.9 ±0.15
(Without Mylar)

1.3

0.03^{+0.07}_{-0.03}

5.1 ±0.15

9 ±0.1

1.4^{-0.05}

1.0^{-0.05}

12.84 ±0.25

4.5

7.2

1

Ø10.5

Ø9.45

Ø8.15

1.5 ±0.1

12.6^{+0.25}_{-0.20}

18.9 ±0.15
(Without Mylar)

1.3

0.03^{+0.07}_{-0.03}

5.1 ±0.15

9 ±0.1

1.4^{-0.05}

1.0^{-0.05}

12.84 ±0.25

4.5

7.2

1

Note:

* Ⓢ Important Dimension,

* Waterproof rate : Non-Waterproof

* Mylar : PI, Amber

* Connector

Connector : Thermoplastic, Black

Pin : Copper Alloy, Gold Plated

UNIT:mm

TOLERANCE

.X ±0.25

.XX ±0.1

.XXX ±0.05

ANGLES ±1°

SCALE 2:1

SIZE A4

SHEET 1 OF 4

REV. D

WC-REV. A.1

Ⓢ: Inspection item

TITLE

N SEN, M12 A, NONE RECEPTACLE, M, M, PCB SMT

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

CUSTOMER

ALTW

DRAWN BY

Kris Huang

CHECKED BY

Fisher Wang

APPROVED BY

Win Wu

DATE

2025-08-25

DATE

2025-08-25

DATE

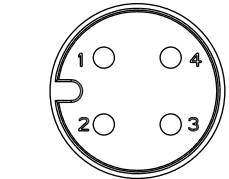
2025-08-25

8

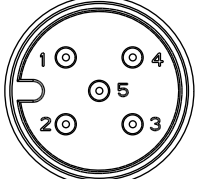
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M12A-XXPMMT-EE0002

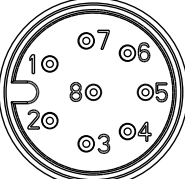
XX : No. of Pin



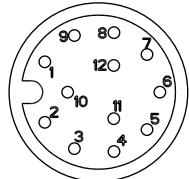
4Pin Assignments
Front View



5Pin Assignments
Front View

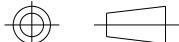


8Pin Assignments
Front View



12Pin Assignments
Front View

UNIT:mm



TOLERANCE

.X ±0.25

.XX ±0.1

.XXX ±0.05

ANGLES ±1°

TITLE

N SEN, M12 A, NONE

RECEPTACLE, M, M, PCB SMT

SCALE 2:1

SIZE A4

SHEET 1 OF 4

REV. D

WC-REV. A.1

QC: Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

M12A-XXPMMT-EE0002

CUSTOMER

ALTW

DRAWN BY

Kris Huang

CHECKED BY

Fisher Wang

APPROVED BY

Win Wu

DATE

2025-08-25

DATE

2025-08-25

DATE

2025-08-25

Note:

* ⌀ Important Dimension,

* Waterproof rate : Non-Waterproof

* Mylar : PI, Amber

* Connector

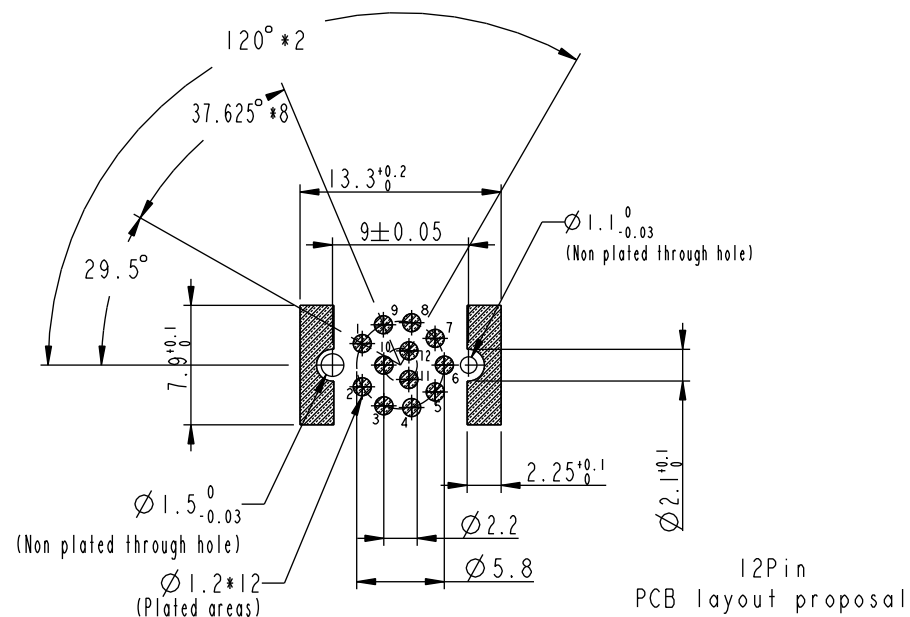
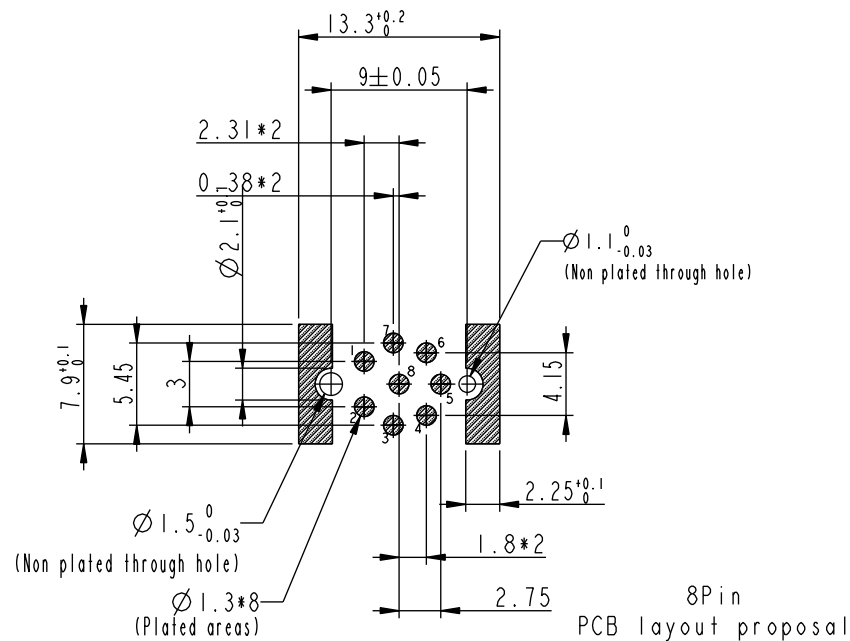
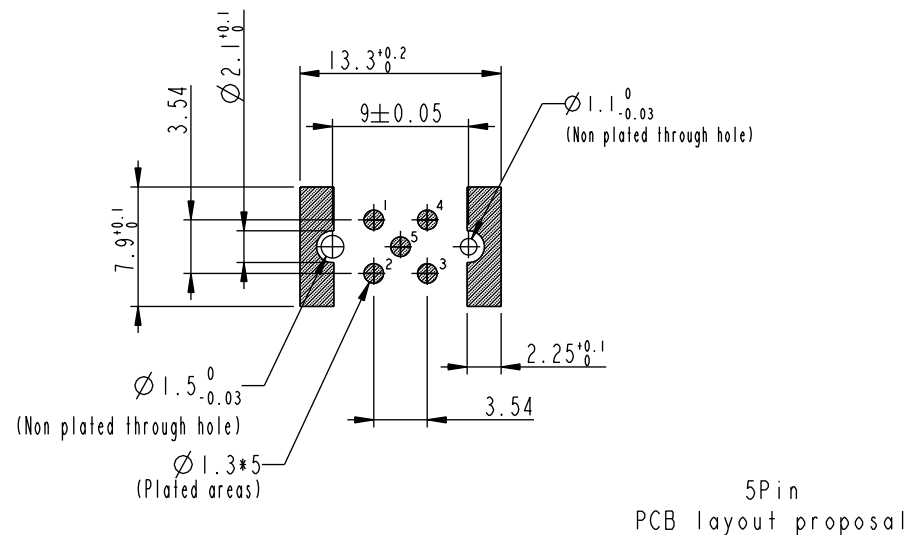
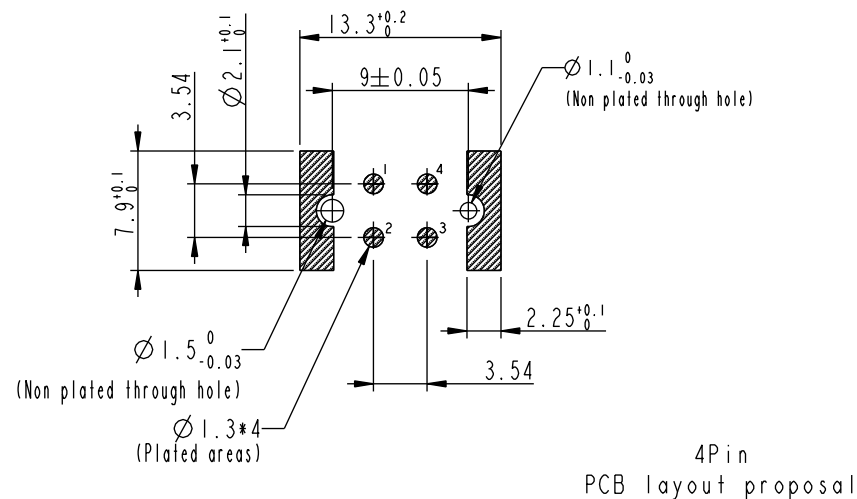
Connector : Thermoplastic, Black

Pin : Copper Alloy, Gold Plated

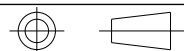
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Recommended MI2A-XXPMMT-EE0002 PCB Layout



UNIT: mm



TITLE
N SEN, MI2 A, NONE
RECEPTACLE, M, M, PCB SMT

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DRAWN BY

DATE

DWG NO

CHECKED BY

DATE

CUSTOMER

APPROVED BY

DATE

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

SCALE

SIZE

SHEET

OF

REV.

WC-REV.

QC: Inspection item

MI2A-XXPMMT-EE0002

ALTW

Fisher Wang

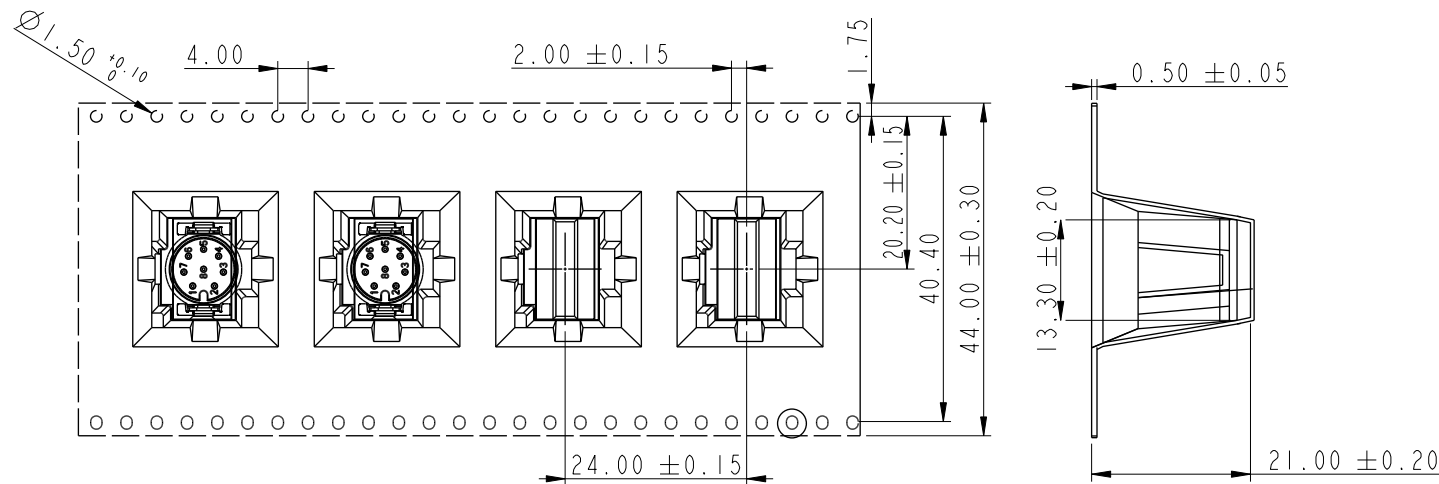
Win Wu

2025-08-25

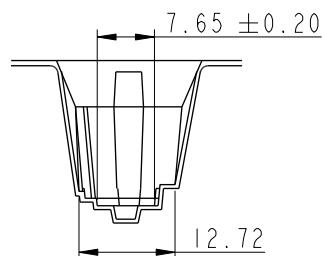
2025-08-25

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← Top of Reel



NOTE:
* Connector Orient follow Drawing

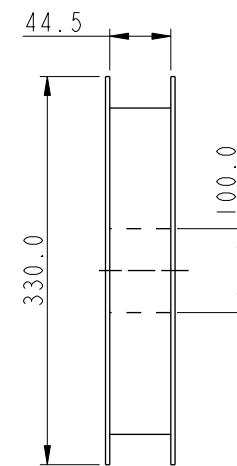
Wide cover tape around
out periphery 1 turn

← Top of Reel

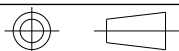
(approx 5pcs)
Without Charge

75PCS/Reel
With Product Charge

(approx 8pcs)
Without Charge



UNIT:mm



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

TITLE

N SEN, M12 A, NONE
RECEPTACLE, M, M, PCB SMT

SCALE 2:1

SIZE A4

SHEET 3 OF 4

REV. D

WC-REV. A.1

Inspection item

Amphenol LTW

安費諾亮泰企業股份有限公司

ITEM NO

DWG NO

M12A-XXPMMT-EE0002

CUSTOMER

ALTW

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Kris Huang

CHECKED BY

Fisher Wang

APPROVED BY

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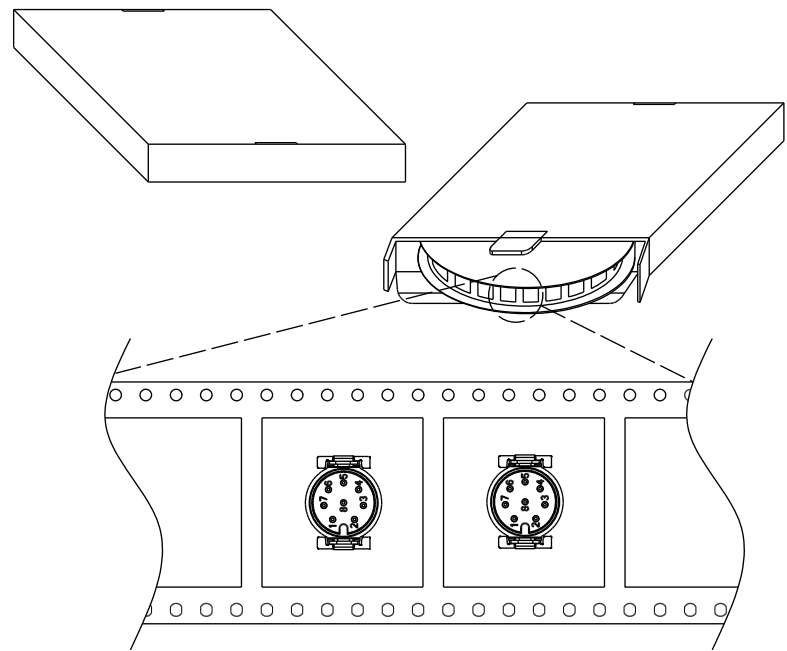
DATE

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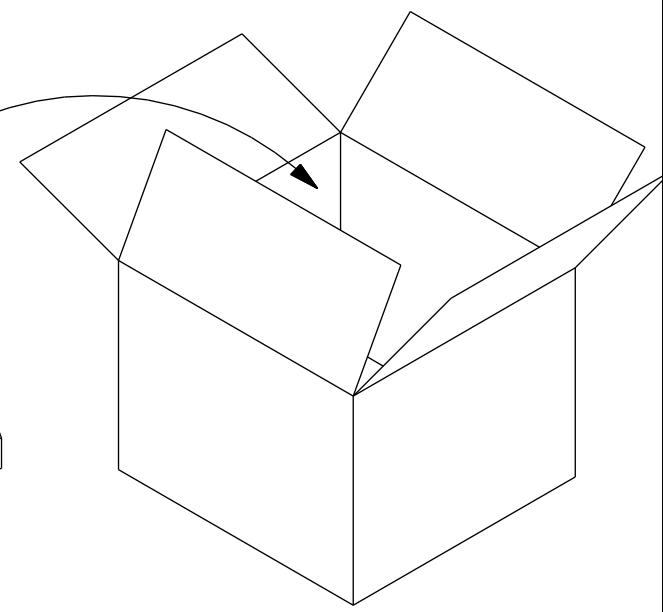
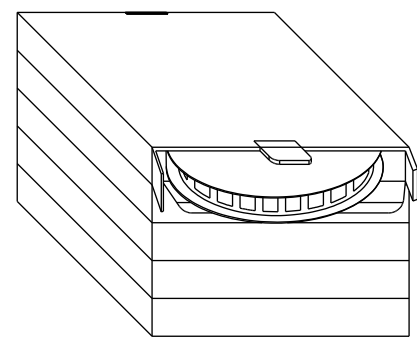
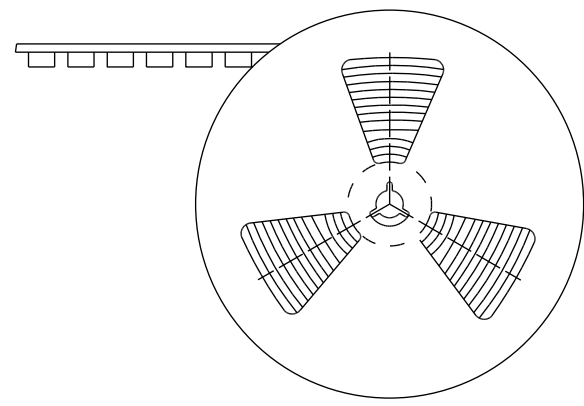
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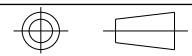


Top of Reel



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

UNIT:mm



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

TITLE N SEN, MI2 A, NONE RECEPTACLE, M, M, PCB SMT			
SCALE 2:1	SIZE A4	SHEET 4 OF 4	
REV. D	WC-REV. A.1	QC: Inspection item	

Amphenol LTW
安費諾亮泰企業股份有限公司

ITEM NO	DRAWN BY Kris Huang	DATE 2025-08-25
DWG NO MI2A-XXPMMT-EE0002	CHECKED BY Fisher Wang	DATE 2025-08-25
CUSTOMER ALTW	APPROVED BY Win Wu	DATE 2025-08-25