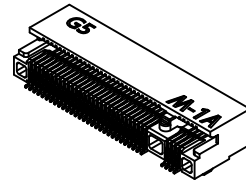
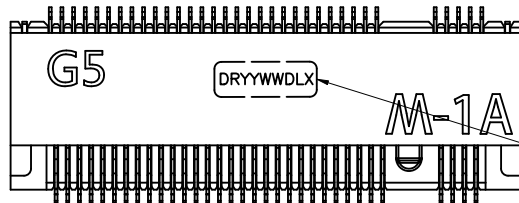


HF

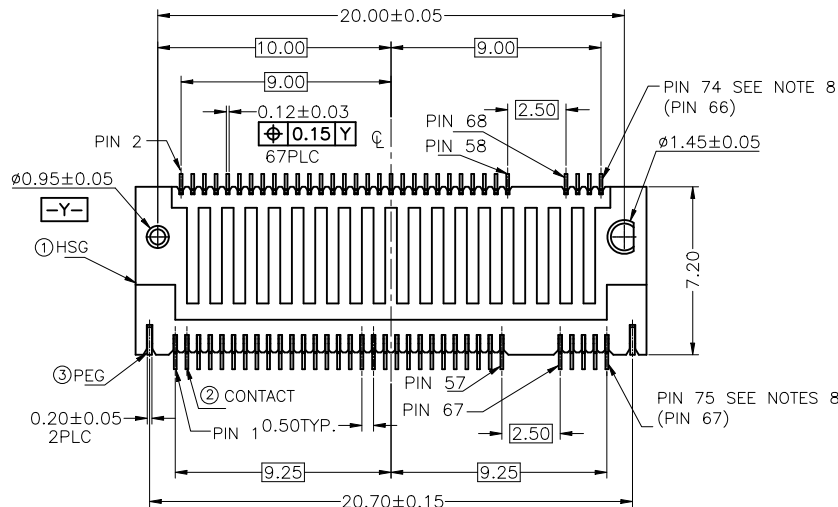
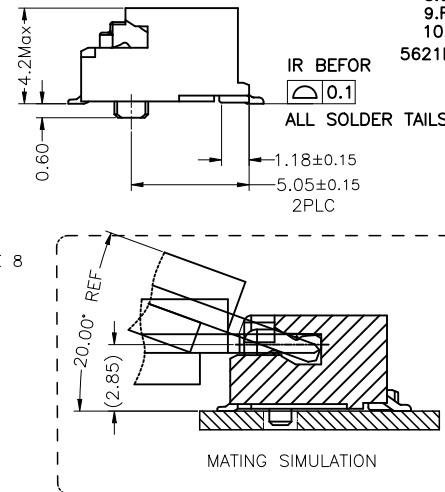
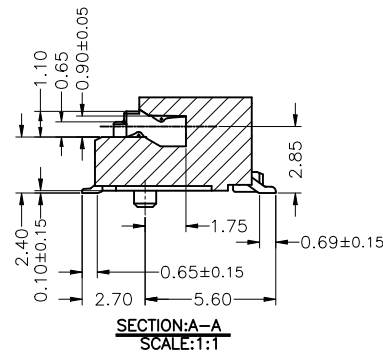
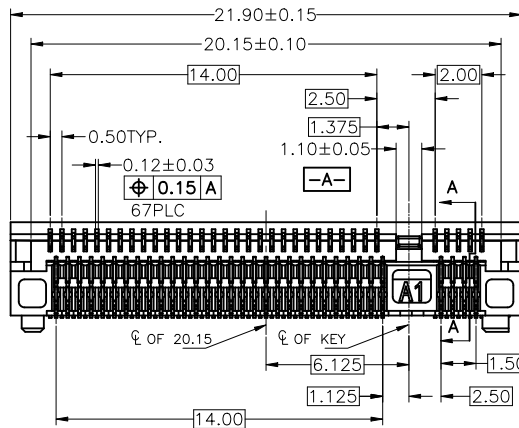
Halogen Free



3D VIEW
SCALE:1:2



LOGO&DATE CODE
SEE NOTES 7



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1	NA	NA	INITIAL RELEASE	03/07'24	Jason Huang
X2	NA	NA	UPDATE DWG	05/07'24	Jason Huang

NOTES:

PRODUCT MUST MEET CONTROLLED SUBSTANCES SPEC. ROHS 2.0

1. MATERIAL:

1.1 HOUSING: LCP , UL94V-0; COLOR: BLACK OR WHITE

1.2 CONTACTS: COPPER ALLOY

1.3 FLOATING PEG: STAINLESS STEEL

1.4 CENTER PLATE: STAINLESS STEEL

2. FINISH:

2.1 CONTACT:

CONTACT: 50u" MIN NICKEL UNDERPLATED ALL OVER,

Au GF PLATING ON SOLDER TAIL. GOLD PLATING

(THICKNESS SEE NOTE 10) ON CONTACT AREA.

2.2 FLOATING PEG:

100u" MIN. MATTE-TIN. 50u" MIN. NICKEL UNDERPLATING.

3. REFLOW SOLDER CAPABLE TO 260°C 10SEC.

4. ELECTRICAL CHARACTERISTICS:

4.1 CONTACT CURRENT RATING: 1.0 AMPERE FOR POWER PIN,

4.2 VOLTAGE RATING: 50V AC.

4.3 INSULATION RESISTANCE: 500M OHM MIN.(INITIAL),

100M OHM MIN.(FINAL), AT 500V DC,

FOR 1 MINUTE.

4.5 CONTACT RESISTANCE: 55m OHM MAX(INITIAL)

ΔR 20m OHM MAX(FINAL)

5. OPERATION TEMPERATURE: -40°C TO +80°C

6. MATING FORCE: 2.04Kgf MAX.

DURABILITY: 25 CYCLES

7. DATE CODE YYWWDLX

YY: YEAR (09: 2009)

WW: WEEK (25: THE 25TH WEEK)

D: DAY (1~7: SUNDAY~SATURDAY)

L: LINE NUMBER OF ASSEMBLY (A: LINE A)

X: MANUFACTURE CODE

8. CONNECTOR ACTUAL PIN QUANTITY IS 67, AS THE KEY TAKING OUT 8 PINS.

9. RECOMMENDED STENCIL THICKNESS 0.12MM MIN

10. PART NUMBER DESCRIPTION:

5621D3-055 H - X B 0 X

PACKING CODE:

R: EMBOSS WIDTH 44mm, SLOT FORWARD

1: EMBOSS WIDTH 44mm, SLOT BACKWARD

2: EMBOSS WIDTH 32mm, SLOT FORWARD

3: EMBOSS WIDTH 32mm, SLOT BACKWARD

COLOR:

0: BLACK WITH DR LOGO 1: WHITE WITH DR LOGO

2: BLACK WITHOUT DR LOGO 3: WHITE WITHOUT DR LOGO

KEY TYPE: B: KEY M

PLATING CODE:

1: GF 2: Au5u"

3: Au10u" 4: Au15u"

5: Au30u"

HALOGEN CODE: H: HALOGEN FREE



DEREN

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DIM	TOL	DIM	TOL
x.	±0.30	x.	±2°
.x	±0.25	.x	±1°
.xx	±0.15		

DRAW NO.

SC2309392-2

CHECK:

REV. X2

DESIGN:

Jason Huang

CHECK:

Bil Lin

APPROVAL:

Bil Lin

DATE

05/07'24

DATE

05/07'24

DATE

05/07'24

TITLE: M.2 Gen5 4.2H KEY_M 1A

P/N: 5621D3-055H-XBOX

SHEET: 1/6

SCALE: N/A

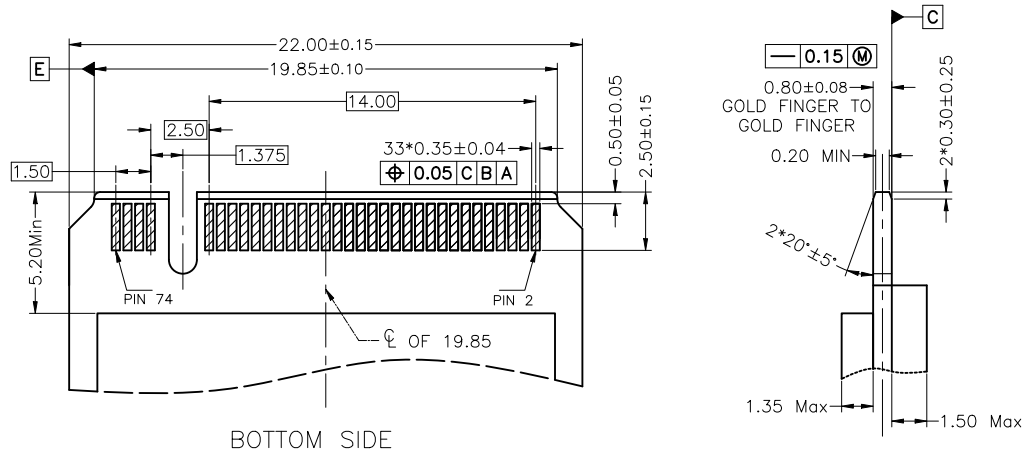
UNIT: mm

HF

Halogen Free

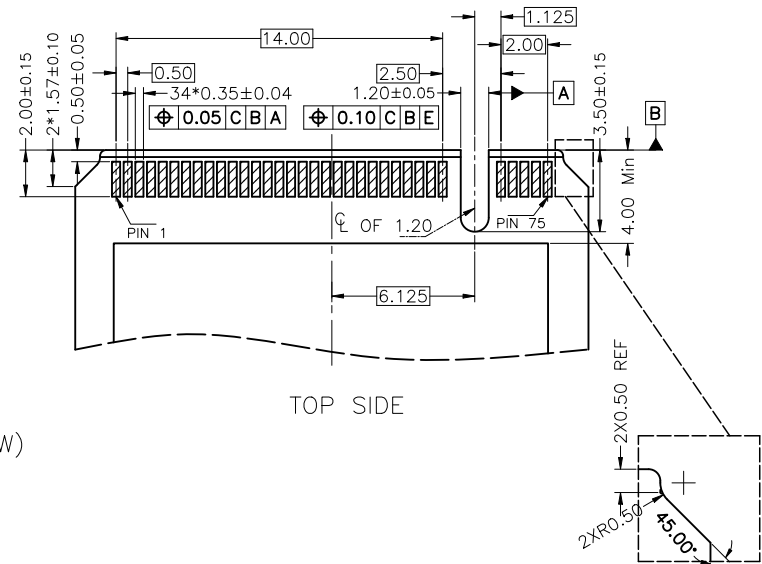


PLUG PCB



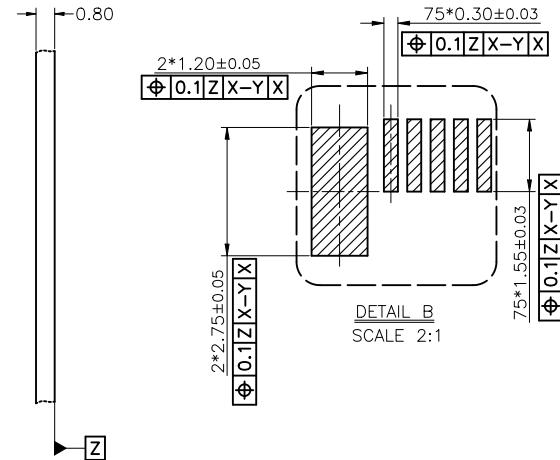
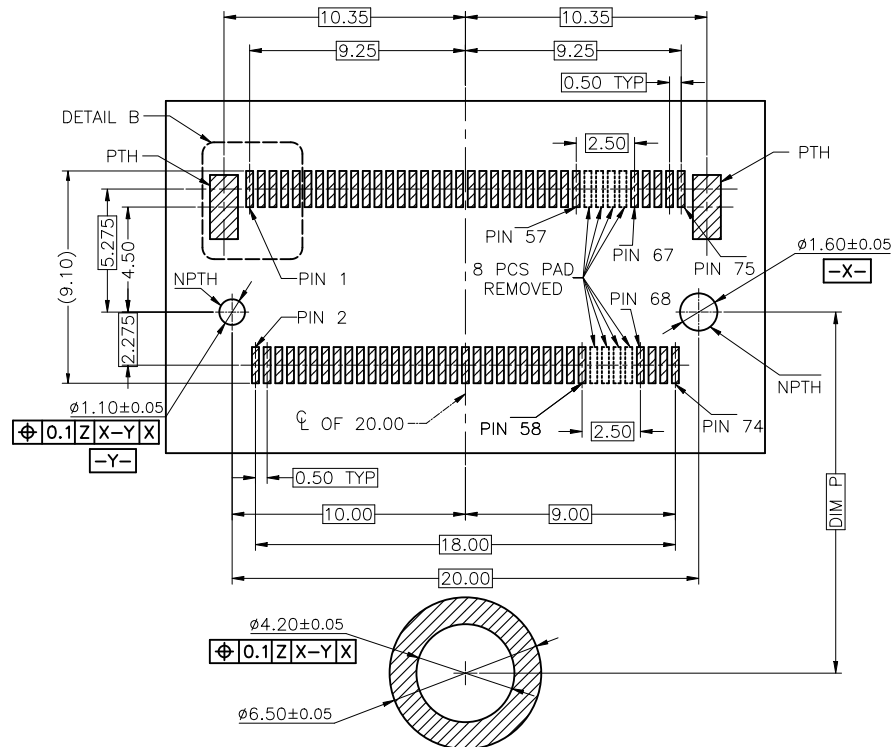
BOTTOM SIDE

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1	NA	NA	INITIAL RELEASE	03/07'24	Jason Huang
X2	NA	NA	UPDATE DWG	05/07'24	Jason Huang



TOP SIDE

RECOMMENDED PCB LAYOUT(TOP VIEW)
DEFAULT TOLERANCE ±0.05mm



DETAIL B
SCALE 2:1

22110	108.25
2280	78.25
2260	58.25
2242	40.25
2230	28.25
3042	40.25
3030	28.25
MODULE TYPE	DIM P

DIM	TOL	DIM	TOL
x.	±0.30	x.	±2°
.x	±0.25	.x	±1°
.xx	±0.15		

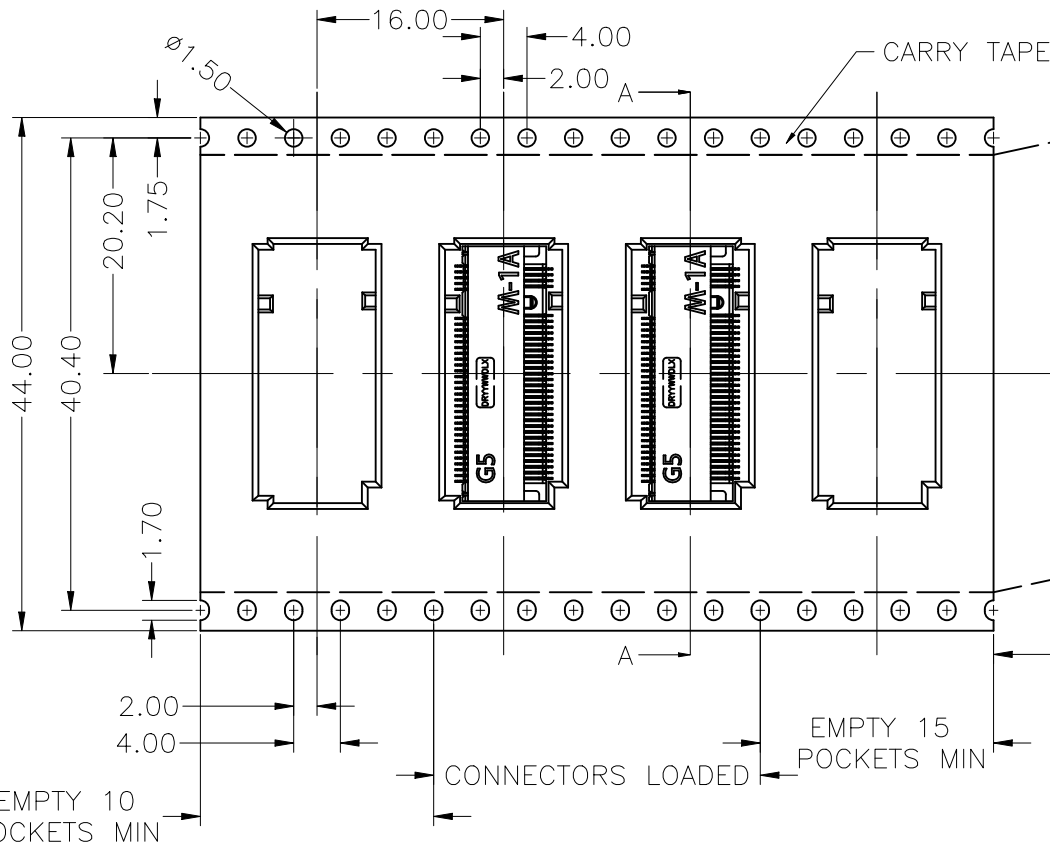
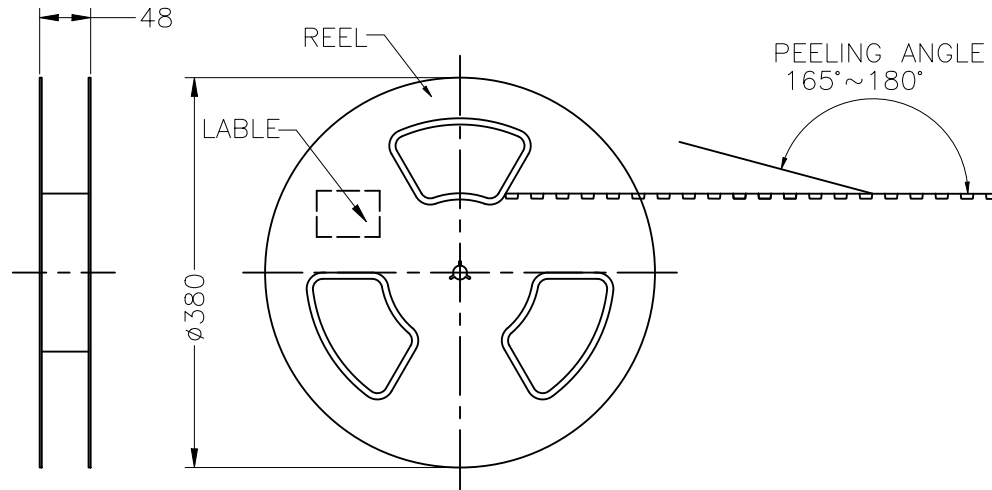
				DEREN			
SHENZHEN DEREN ELECTRONIC CO., LTD							
C-DWG		TY	DATE	TITLE: M.2 Gen5 4.2H KEY_M 1A			
DESIGN:		Jason Huang	05/07'24	P/N: 5621D3-055H-XBOX			
CHECK:		Bil Lin	05/07'24	SHEET: 2/6			
APPROVAL:		Bil Lin	05/07'24	SCALE: N/A UNIT: mm			

HF

Halogen Free

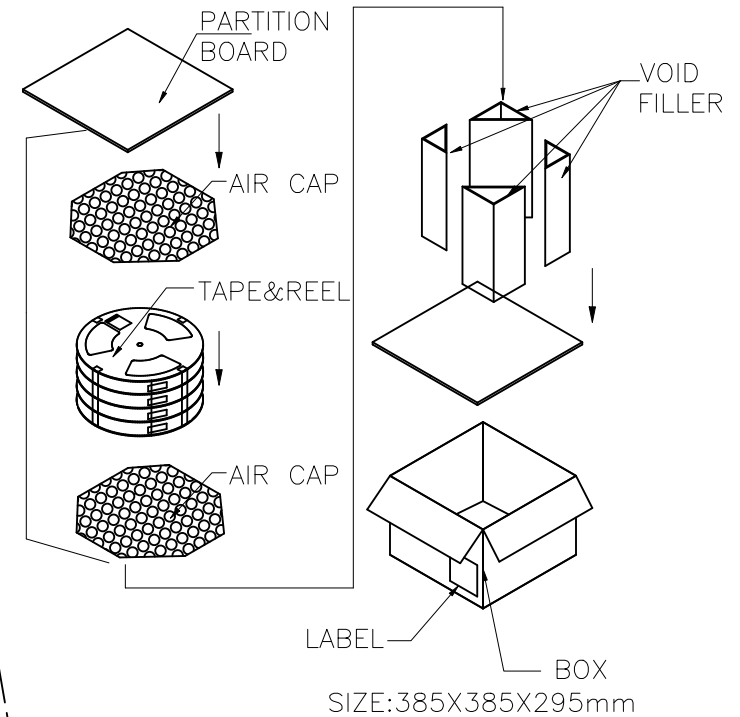


FEEDING DIRECTION →



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1	NA	NA	INITIAL RELEASE	03/07'24	Jason Huang
X2	NA	NA	UPDATE DWG	05/07'24	Jason Huang

5621D3-055H-XB0R
R: EMBOSS WIDTH 44mm, SLOT FORWARD



1100	5	5500
PCS/ TAPE	REELS/ BOX	PCS/BOX

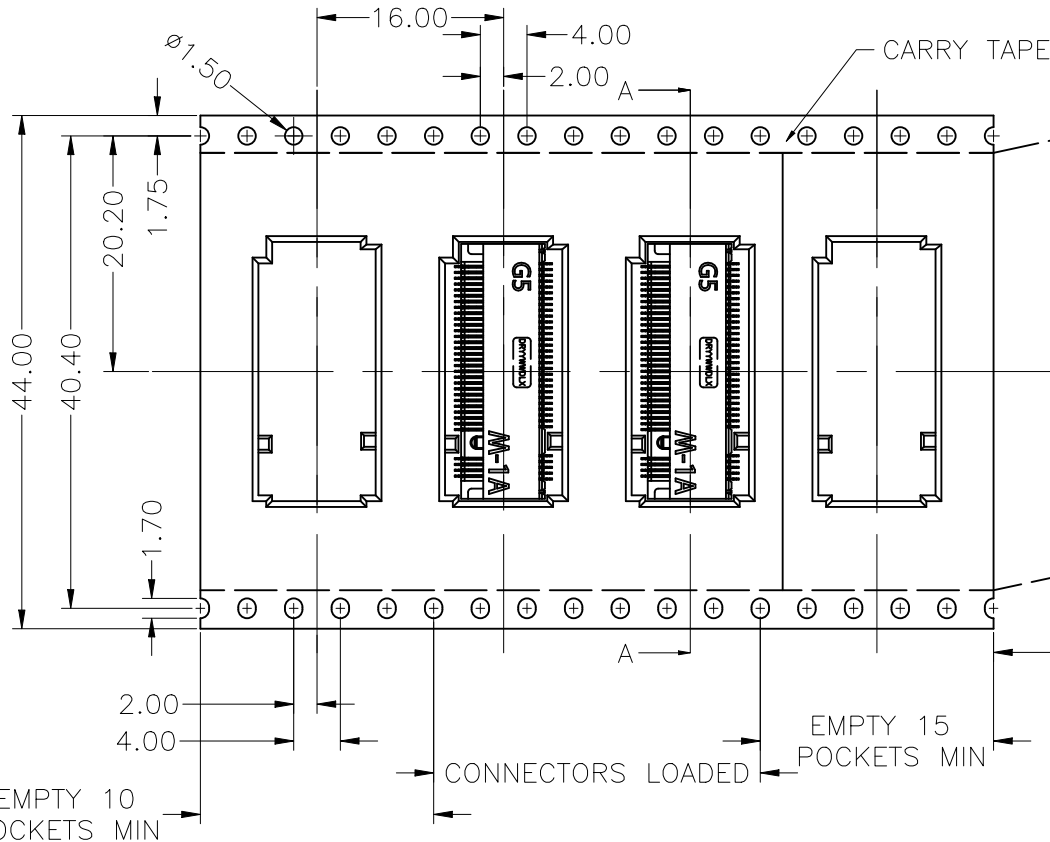
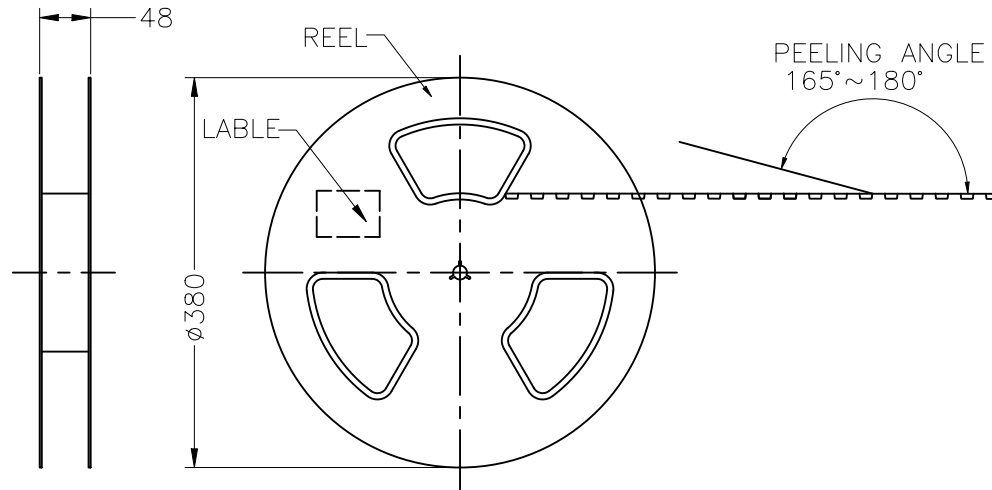
		DEREN					
		SHENZHEN DEREN ELECTRONIC CO., LTD					
DRAW NO. SC2309392-2		C-DWG	TY	DATE	TITLE: M.2 Gen5 4.2H KEY_M 1A		
		DESIGN: Jason Huang	05/07'24	P/N: 5621D3-055H-XBOX			
		CHECK: Bil Lin	05/07'24	SHEET: 3/6 			
REV. X2	APPROVAL: Bil Lin	05/07'24	SCALE: N/A			UNIT: mm	

HF

Halogen Free



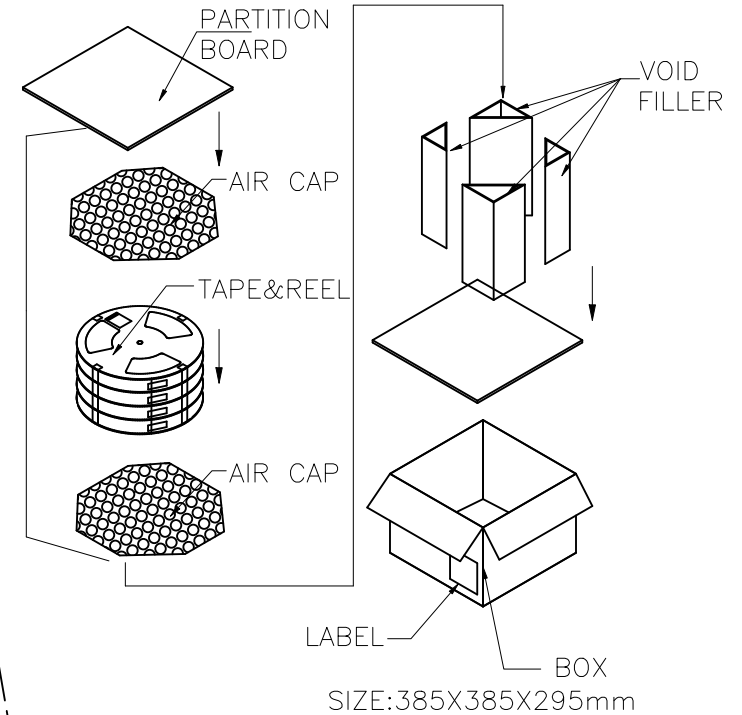
FEEDING DIRECTION →



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1	NA	NA	INITIAL RELEASE	03/07'24	Jason Huang
X2	NA	NA	UPDATE DWG	05/07'24	Jason Huang

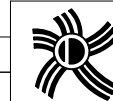
5621D3-055H-XB01

1: EMBOSS WIDTH 44mm, SLOT BACKWARD



COVER TAPE

1100	5	5500
PCS/TAPE	REELS/BOX	PCS/BOX



DEREN

SHENZHEN DEREN ELECTRONIC CO., LTD

C-DWG	TY	DATE	TITLE: M.2 Gen5 4.2H KEY_M 1A
DESIGN: Jason Huang	05/07'24	P/N: 5621D3-055H-XBOX	
CHECK: Bil Lin	05/07'24	SHEET: 4/6	
APPROVAL: Bil Lin	05/07'24	SCALE: N/A	UNIT: mm

DIM	TOL	DIM	TOL
x.	±0.30	x.	±2°
.x	±0.25	.x	±1°
.xx	±0.15		

DRAW NO.
SC2309392-2

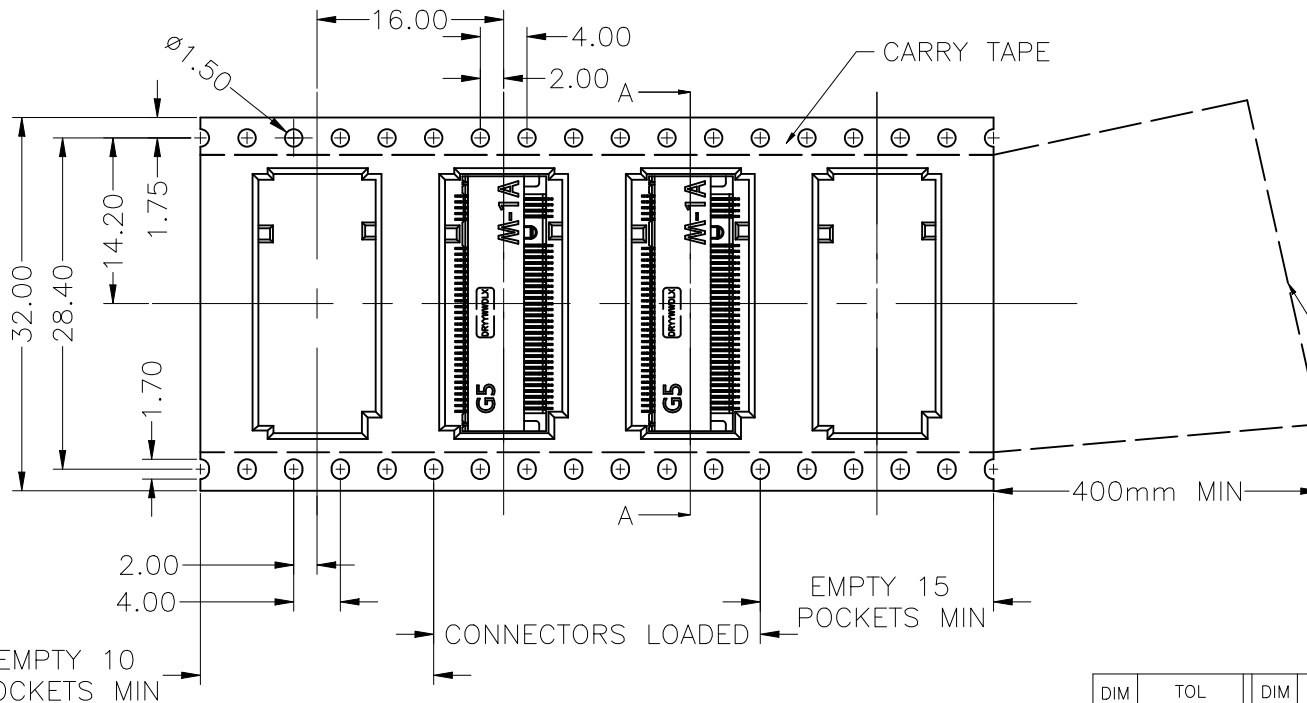
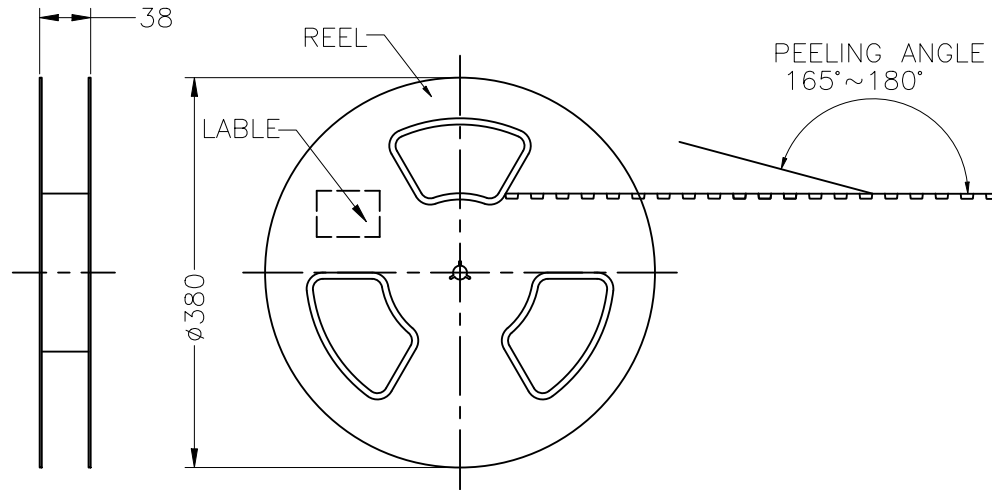
REV. X2

HF

Halogen Free



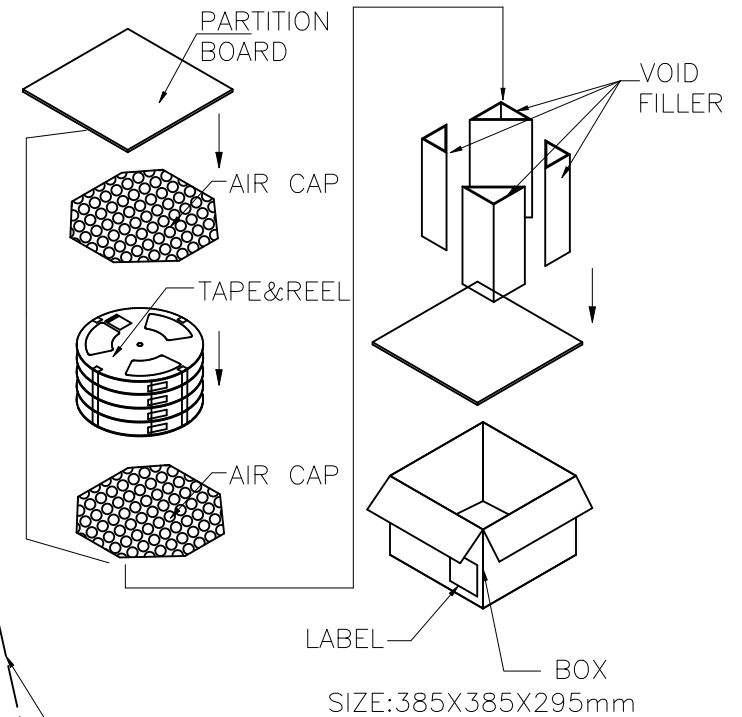
FEEDING DIRECTION →



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1	NA	NA	INITIAL RELEASE	03/07'24	Jason Huang
X2	NA	NA	UPDATE DWG	05/07'24	Jason Huang

5621D3-055H-XB02

2: EMBOSS WIDTH 32mm, SLOT FORWARD



1100	6	6600
PCS/TAPE	REELS/BOX	PCS/BOX

EMPTY 10
POCKETS MIN

DIM	TOL	DIM	TOL
x.	±0.30	x.	±2°
.x	±0.25	.x	±1°
.xx	±0.15		



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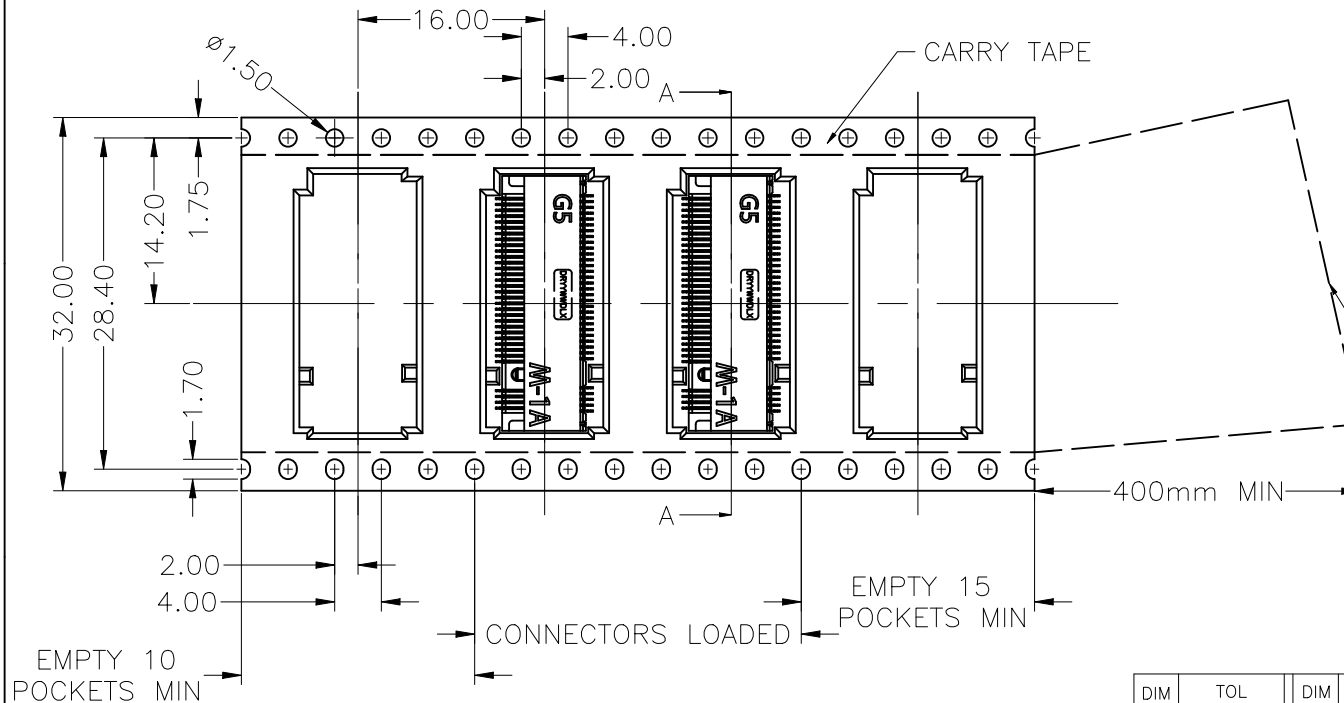
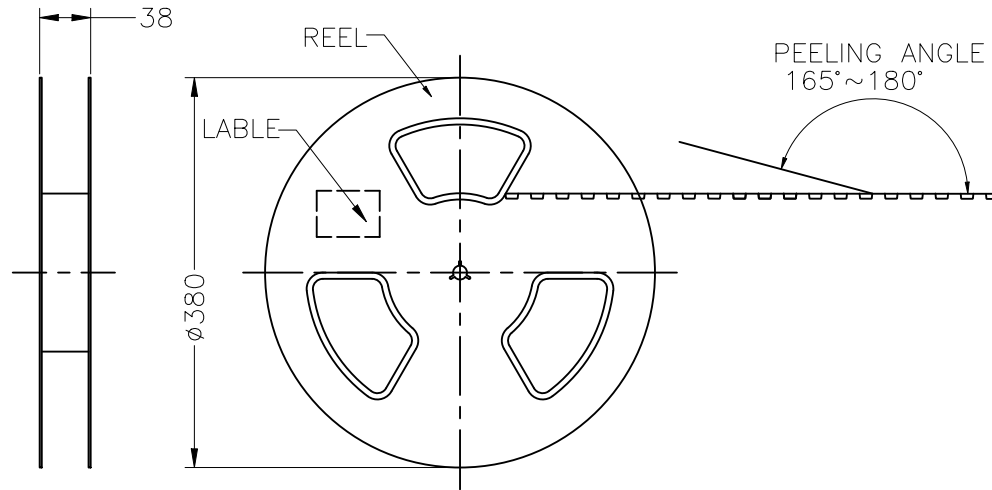
C-DWG	TY	DATE	TITLE: M.2 Gen5 4.2H KEY_M 1A
DESIGN:	Jason Huang	05/07'24	P/N: 5621D3-055H-XBOX
CHECK:	Bil Lin	05/07'24	SHEET: 5/6
APPROVAL:	Bil Lin	05/07'24	SCALE: N/A UNIT: mm

HF

Halogen Free



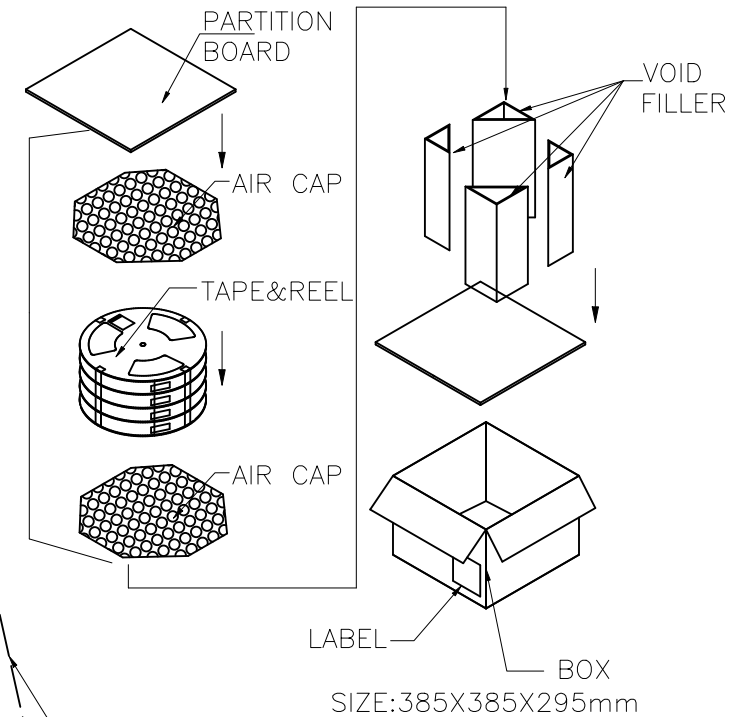
FEEDING DIRECTION →



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1	NA	NA	INITIAL RELEASE	03/07'24	Jason Huang
X2	NA	NA	UPDATE DWG	05/07'24	Jason Huang

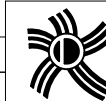
5621D3-055H-XB03

3: EMBOSS WIDTH 32mm, SLOT BACKWARD



1100	6	6600
PCS/TAPE	REELS/BOX	PCS/BOX

DIM	TOL	DIM	TOL
x.	±0.30	x.	±2°
.x	±0.25	.x	±1°
.xx	±0.15		



DEREN

SHENZHEN DEREN ELECTRONIC CO., LTD

C-DWG	TY	DATE	TITLE: M.2 Gen5 4.2H KEY_M 1A
DESIGN:	Jason Huang	05/07'24	P/N: 5621D3-055H-XBOX
CHECK:	Bil Lin	05/07'24	SHEET: 6/6
APPROVAL:	Bil Lin	05/07'24	SCALE: N/A UNIT: mm