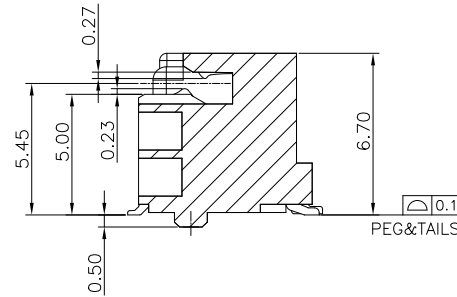
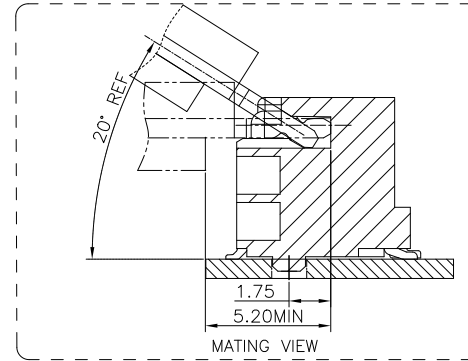
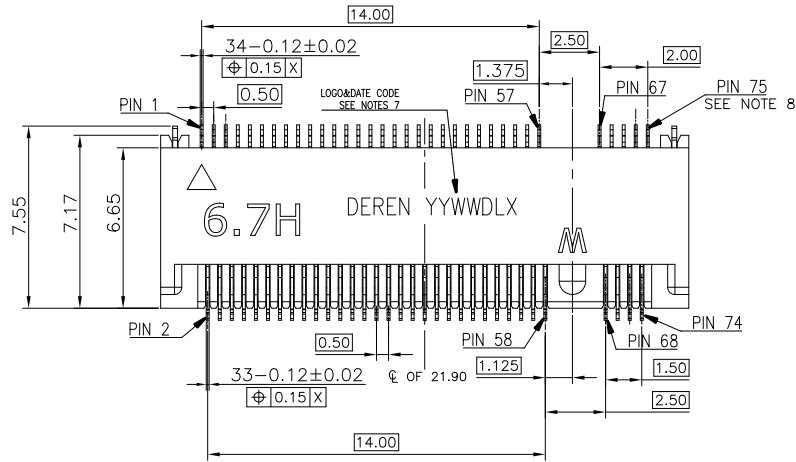
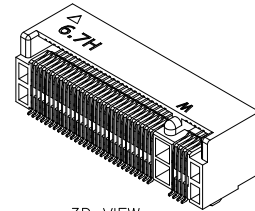


HF

Halogen Free

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
X1			INITIAL RELEASE	2023.03.02	Sid Guo
X2			MODIFY	2023.11.17	Sid Guo

SECTION A-A
SCALE 1:13D VIEW
SCALE 1:2

NOTES:
PRODUCT MUST MEET CONTROLLED SUBSTANCES SPEC. ROHS 2.0 AND
MEET DEREN CONTROLLED SUBSTANCES SPEC PER WI-PB-S-010

1. MATERIAL:

- 1.1 HOUSING: LCP , UL94V-0. COLOR: BLACK.
- 1.2 CONTACTS: COPPER ALLOY.
- 1.3 PEG: STAINLESS STEEL.

2. FINISH:

2.1 CONTACT:

- 50u" MIN NICKEL UNDERPLATED ALL OVER,
Au GF PLATING ON SOLDER TAIL.
- GOLD PLATING ON CONTACT AREA,SEE NOTE 9 PART NUMBER DESCRIPTION.

2.2 PEG:100u" MIN MATTE-TIN. 50u"MIN. NICKEL UNDERPLATING.

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

4. ELECTRICAL CHARACTERISTICS:

- 4.1 CONTACT CURRENT RATING: 0.5 AMPERE MAX PER PIN.
- 4.2 VOLTAGE RATING: 50V AC.
- 4.3 INSULATION RESISTANCE: 500M OHM MIN.(INITIAL),
100M OHM MIN.(FINAL), AT 500V DC,
- 4.4 DIELECTRIC WITHSTANDING VOLTAGE: 300V AC RMS AT 60HZ 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. RECOMMEND STENCIL THICKNESS 0.12MM.

7. DATE CODE: YYWWDLX

YY: YEAR (23: 2023)

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. PART NUMBER DESCRIPTION:

5621D3-045H-XB1R

PACKING CODE

R:TAPE&REEL

LOGO

0:NO DEREN LOGO

1:DEREN LOGO

KEY TYPE B:M KEY

PLATING CODE:

1: Au GF

2: Au 5u"

3: Au 10u"

4: Au 15u"

5: Au 30u"

HALOGEN CODE:

HALOGEN FREE

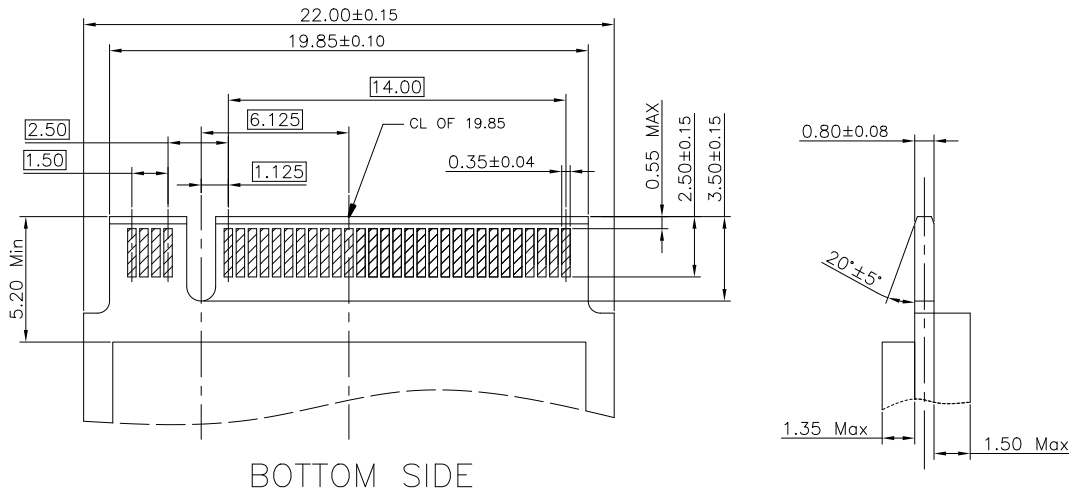
TABLE 1:

PART NUMBER	DESCRIPTION
5621D3-045H-1B1R	Au C/F ON CONTACT AREA
5621D3-045H-2B1R	Au 5u" ON CONTACT AREA
5621D3-045H-3B1R	Au 10u" ON CONTACT AREA
5621D3-045H-4B1R	Au 15u" ON CONTACT AREA
5621D3-045H-5B1R	Au 30u" ON CONTACT AREA

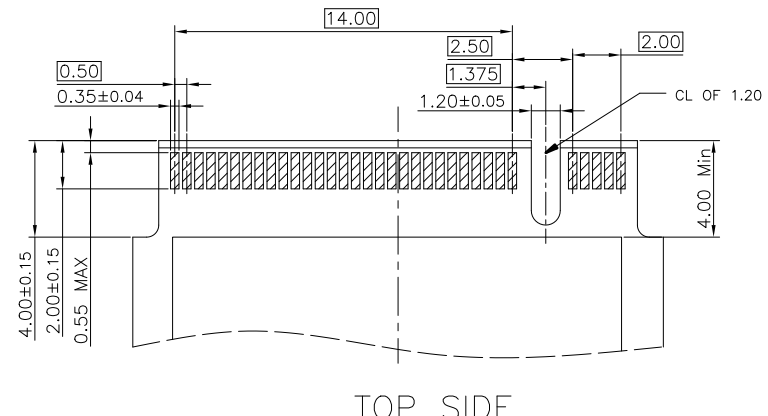
DIM	TOL	DIM	TOL
X.	±0.30	X.	±2°
.X	±0.25	.X	±1°
.XX	±0.15		

	DEREN SHENZHEN DEREN ELECTRONIC CO., LTD			
	C-DWG:	TY	DATE	TITLE: M.2 6.7H KEY M GEN4
	DESIGN:	Sid Guo	2023.11.17	P/N: SEE SEE TABLE 1
	CHECK:	Mike Chen	2023.11.17	SHEET: 1/3 
REV.	X2	APPROVAL:	Bill Lin	2023.11.17
		SCALE:	N/A	UNIT: mm

ADD-IN CARD PCB

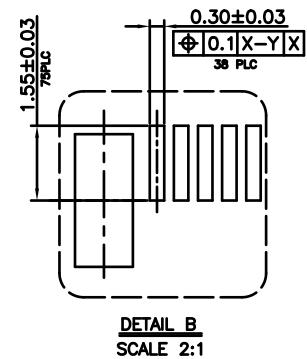
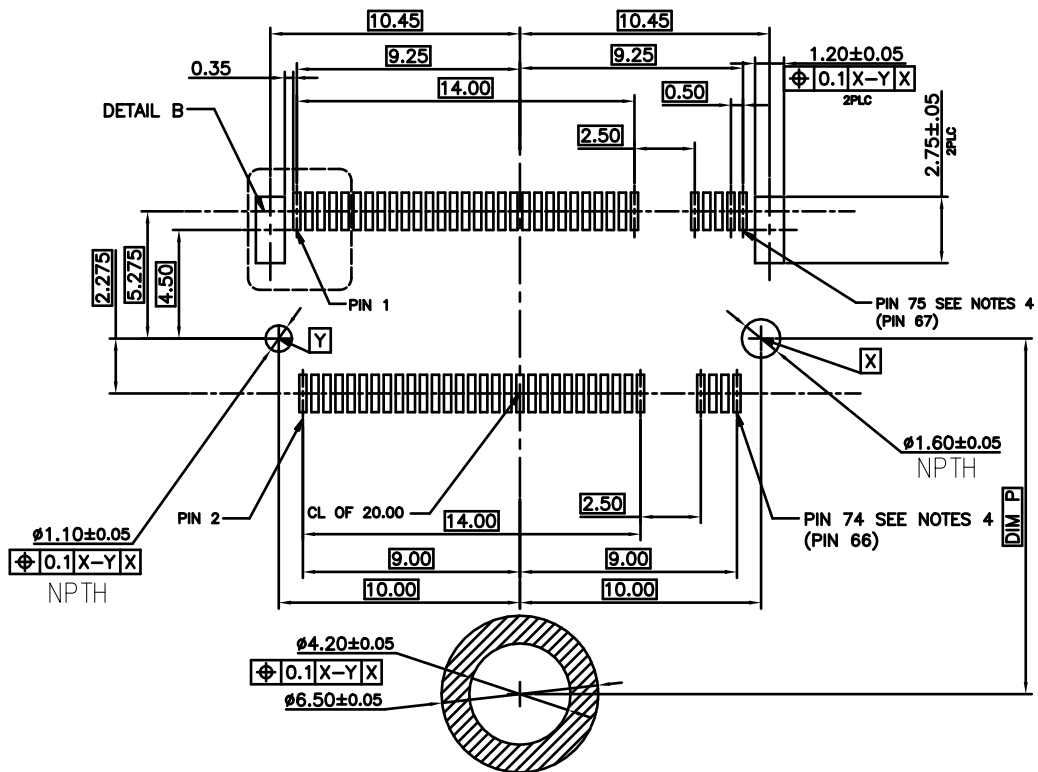


BOTTOM SIDE



TOP SIDE

RECOMMENDED PCB LAYOUT(TOP VIEW)



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

DIM	TOL	DIM	TOL
.x	±0.30	.x	±2°
.x	±0.15	.x	±1°
.xx	±0.10		



DEREN

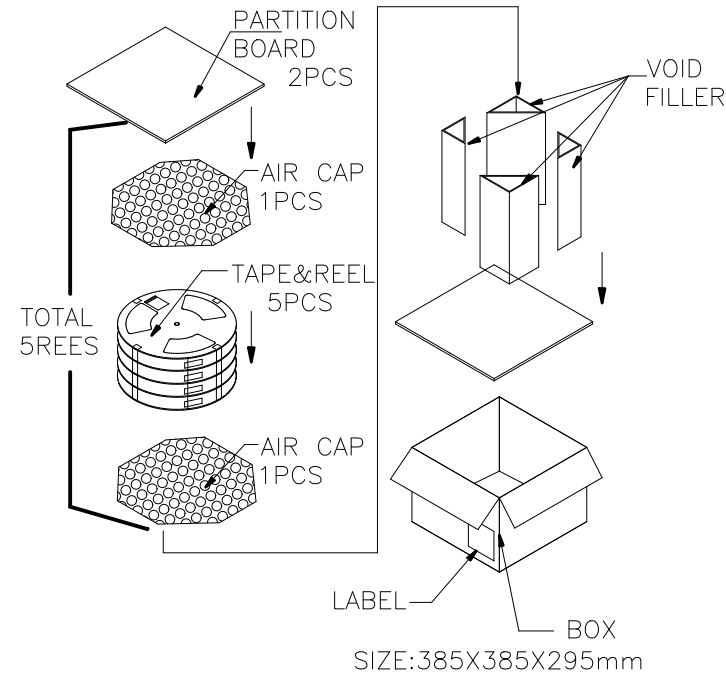
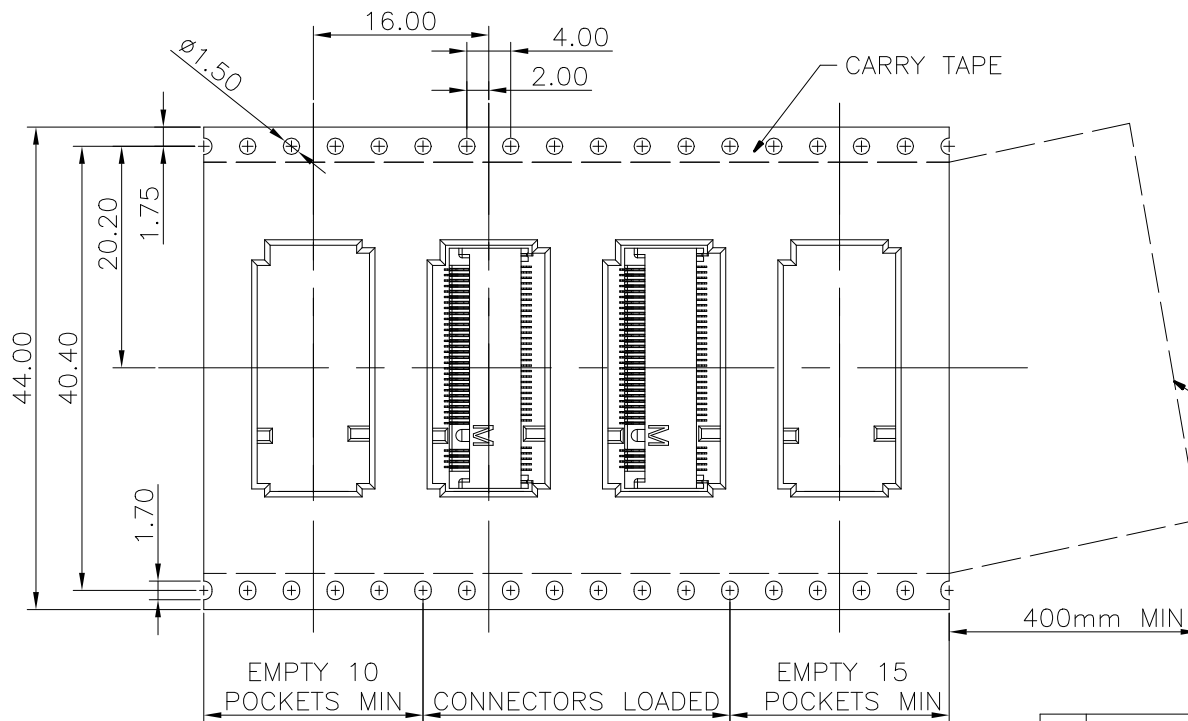
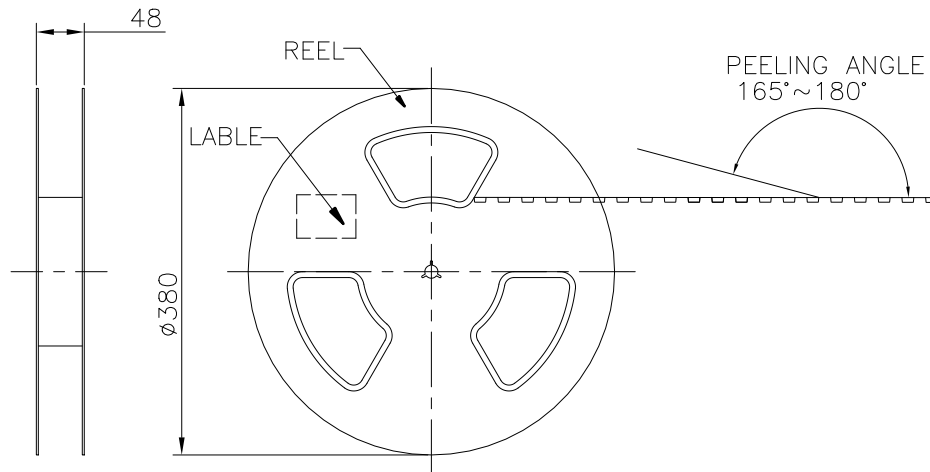
SHENZHEN DEREN ELECTRONIC CO., LTD

C-DWG:	TY	DATE	TITLE: M.2 6.7H KEY M GEN4		
DESIGN:	Sid Guo	2023.11.17	P/N: SEE SEE TABLE 1		
CHECK:	Mike Chen	2023.11.17	SHEET:	2/3	
APPROVAL:	Bill Lin	2023.11.17	SCALE:	N/A	UNIT: mm

HF

Halogen Free

FEEDING DIRECTION →



700	5	3500
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 6.7H KEY M GEN4
DESIGN:	Sid Guo	2023.11.17	P/N: SEE SEE TABLE 1
CHECK:	Mike Chen	2023.11.17	SHEET: 3/3 
APPROVAL:	Bill Lin	2023.11.17	SCALE: N/A UNIT: mm