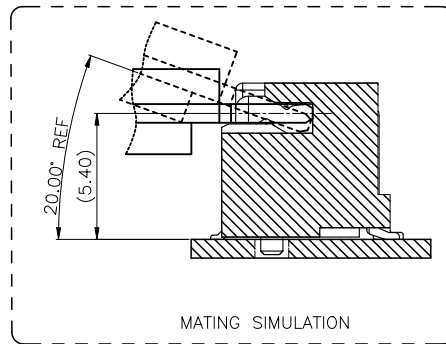
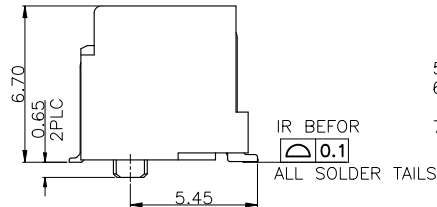
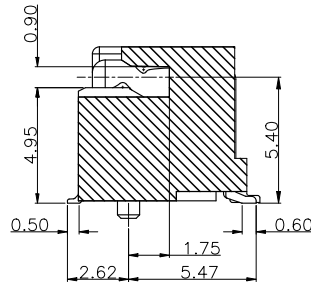
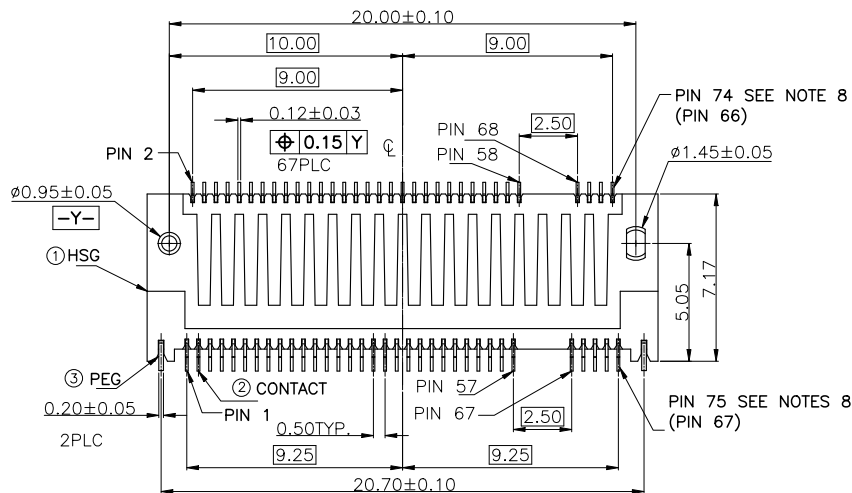
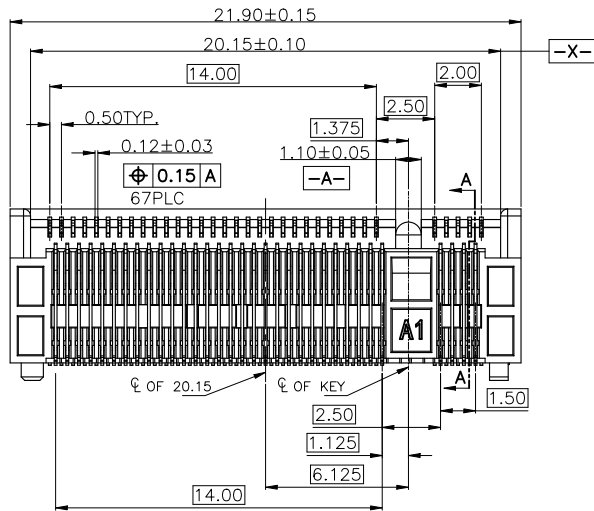
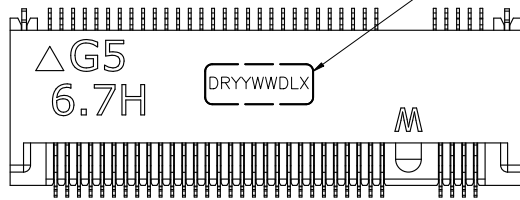


HF

Halogen Free



LOGO&DATE CODE
SEE NOTES 7



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
B	NA	NA	UPDATE DWG	11/18'23	Jason Huang
C	NA	NA	UPDATE NOTES	12/21'23	Jason Huang

NOTES:
PRODUCT MUST MEET CONTROLLED SUBSTANCES SPEC. ROHS 2.0

- MATERIAL:
 - HOUSING: LCP , UL94V-0; COLOR: BLACK OR WHITE
 - CONTACTS: PHOSPHOR BRONZE
 - FLOATING PEG: STAINLESS STEEL
 - CENTER PLATE: STAINLESS STEEL
- FINISH:
 - CONTACT:
 - CONTACT: 50u" MIN NICKEL UNDERPLATED ALL OVER, Au 1-3u" PLATING ON SOLDER TAIL. GOLD PLATING (THICKNESS SEE NOTE 9) ON CONTACT AREA.
 - FLOATING PEG:
 - 100u" MIN. MATTE-TIN. 50u" MIN. NICKEL UNDERPLATING.
- REFLOW SOLDER CAPABLE TO 260°C 10SEC.
- ELECTRICAL CHARACTERISTICS:
 - CONTACT CURRENT RATING: 0.5 AMPERE MAX, PER PIN,
 - VOLTAGE RATING: 50V AC.
 - INSULATION RESISTANCE: 500M OHM MIN.(INITIAL), 100M OHM MIN.(FINAL), AT 500V DC, FOR 1 MINUTE.
 - DIELECTRIC WITHSTANDING VOLTAGE: 300V AC RMS AT 60HZ, FOR 1 MINUTE.
 - CONTACT RESISTANCE: 55m OHM MAX(INITIAL) ΔR 20m OHM MAX(FINAL)
- OPERATION TEMPERATURE: -40°C TO +80°C
- MATING FORCE: 2.04Kgf MAX. DURABILITY: 25 CYCLES
- 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
- CONNECTOR ACTUAL PIN QUANTITY IS 67, AS THE KEY TAKING OUT 8 PINS.
- RECOMMENDED STENCIL THICKNESS 0.12MM MIN
- PART NUMBER DESCRIPTION:

5621D3-014 H - X B O R

PACKING CODE:
R: EMBOSS WIDTH 44mm, 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: Au 1-3u" 2: Au5u"
3: Au10u" 4: Au15u"
5: Au30u"
HALOGEN CODE:H:HALOGEN FREE



DEREN
SHENZHEN DEREN ELECTRONIC CO., LTD

DIM	TOL	DIM	TOL	DRAW NO. SC2208596-4	REV. C	APPROVAL:	TY Jason Huang	DATE 12/21'23	TITLE: M.2 GEN5 6.7H KEY-M
X.	±0.30	X.	±2'						
.X	±0.25	.X	±1'	CHECK:	APPROVAL:	Bill Lin	12/21'23	SHEET: 1/3	
.XX	±0.15							SCALE: N/A UNIT: mm	

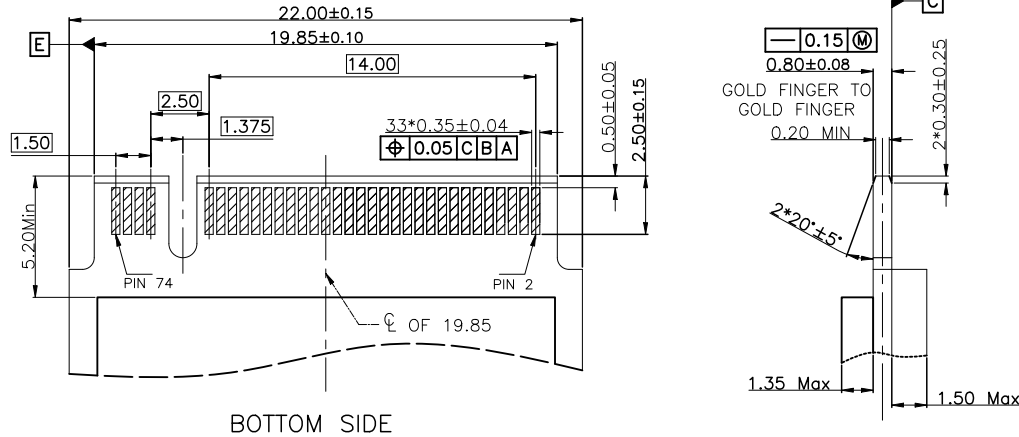
HF

Halogen Free

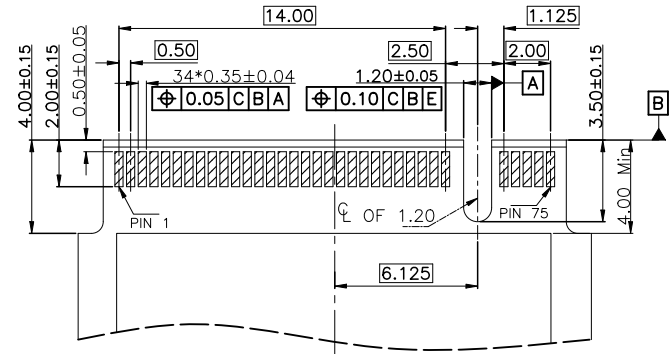


PLUG PCB

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
B	NA	NA	UPDATE DWG	11/18'23	Jason Huang
C	NA	NA	UPDATE NOTES	12/21'23	Jason Huang

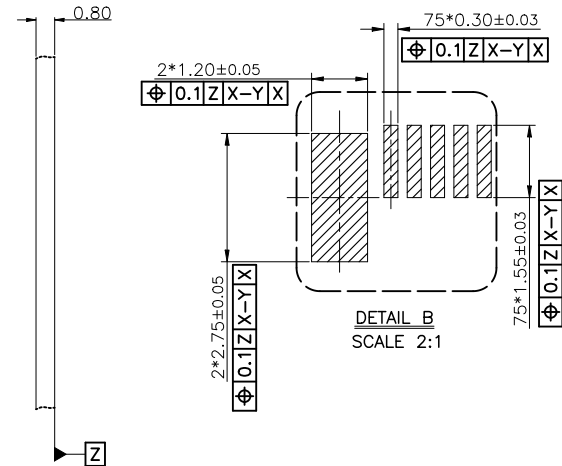
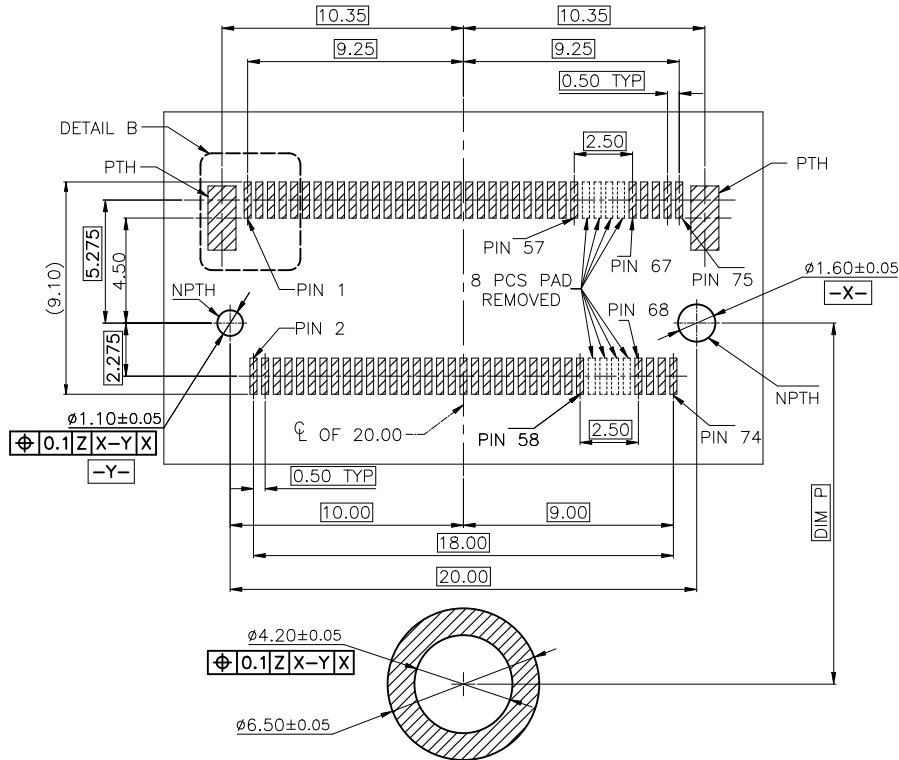


BOTTOM SIDE



TOP SIDE

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



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 6.7H KEY-M
DESIGN: Jason Huang	Jason Huang	12/21'23	P/N: 5621D3-014H-XBOR
CHECK: Bill Lin	Bill Lin	12/21'23	SHEET: 2/3
APPROVAL: Bill Lin	Bill Lin	12/21'23	SCALE: N/A UNIT: mm

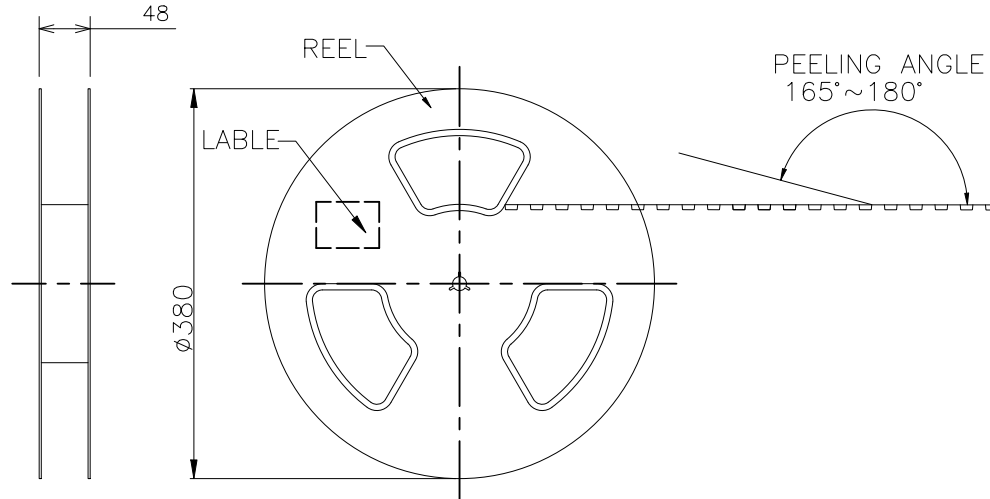
DRAW NO. SC2208596-4

HF

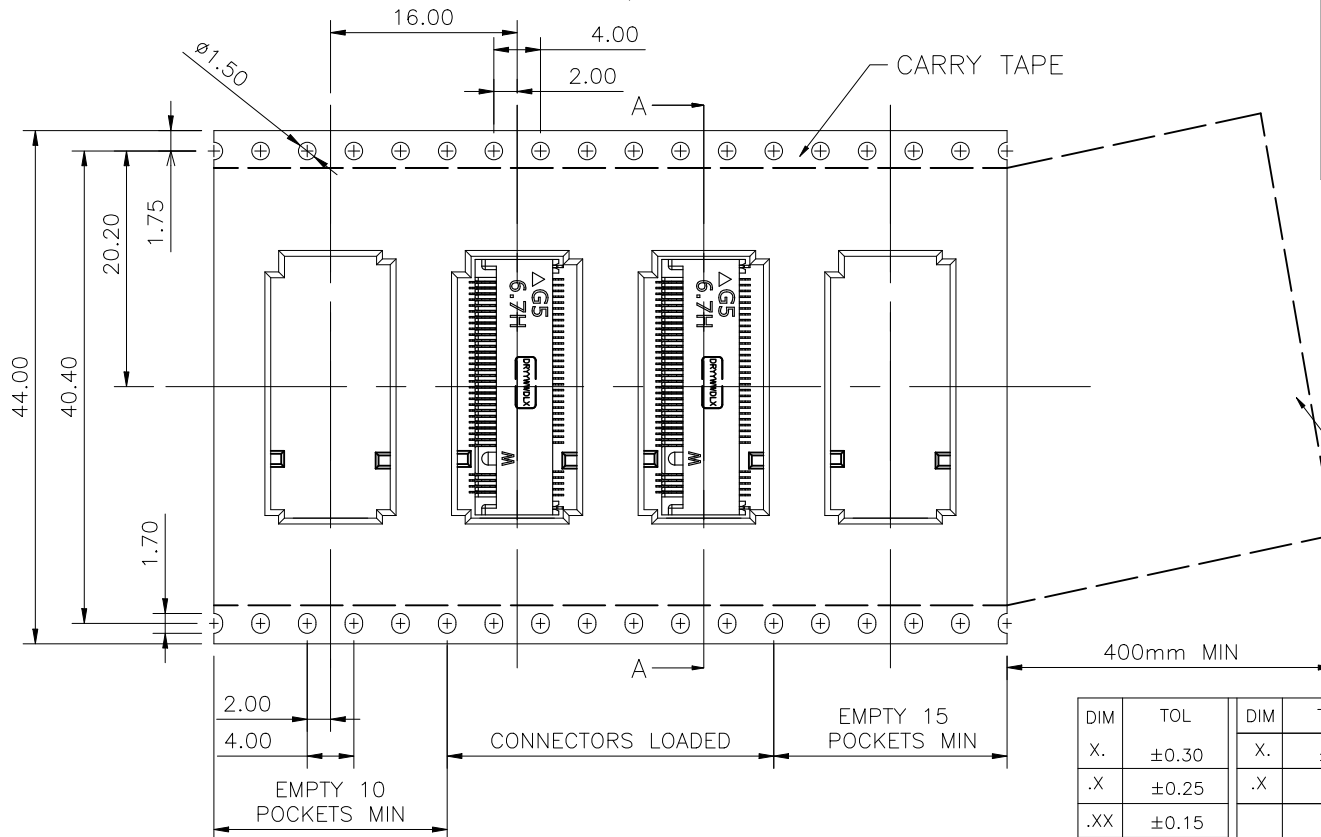
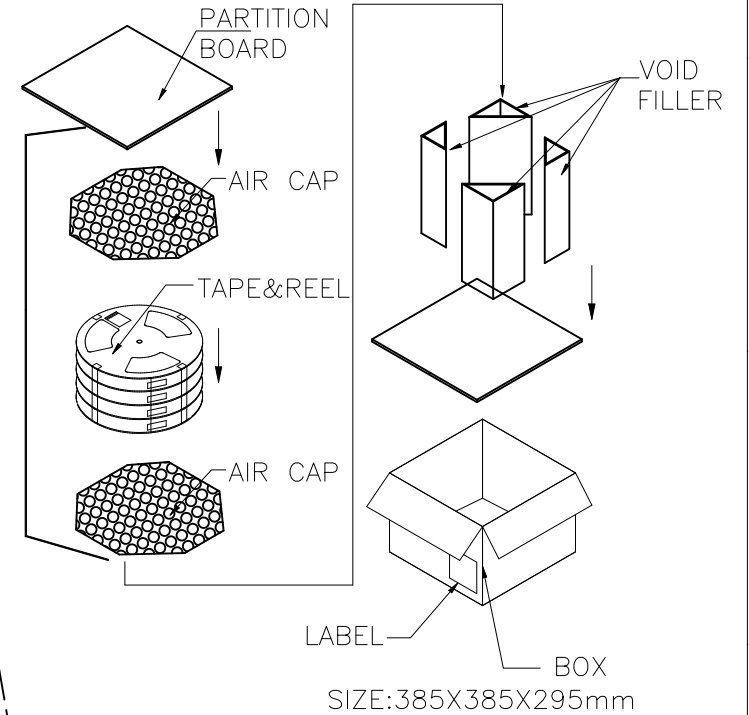
Halogen Free



FEEDING DIRECTION →



REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
B	NA	NA	UPDATE DWG	11/18'23	Jason Huang
C	NA	NA	UPDATE NOTES	12/21'23	Jason Huang



COVER TAPE

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 GEN5 6.7H KEY-M
DESIGN: Jason Huang		12/21'23	P/N: 5621D3-014H-XBOR
CHECK: Bill Lin		12/21'23	SHEET: 3/3
APPROVAL: Bill Lin		12/21'23	SCALE: N/A UNIT: mm

DRAW NO. SC2208596-4

REV. C