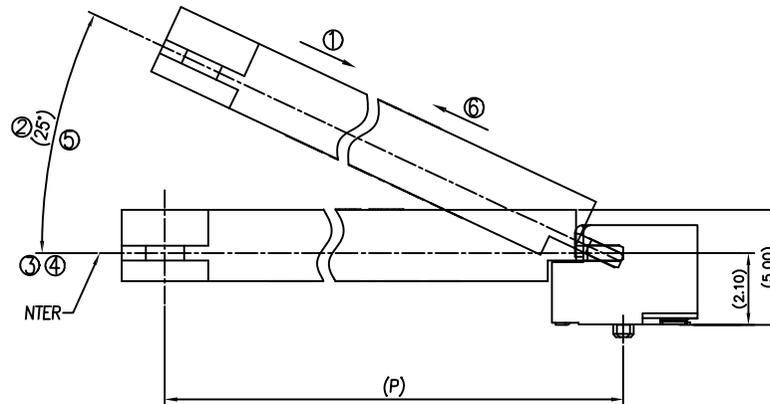
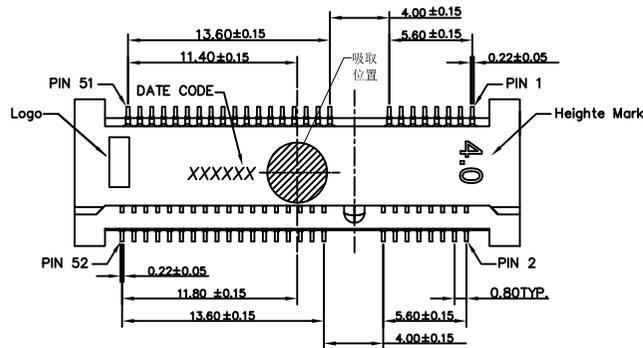


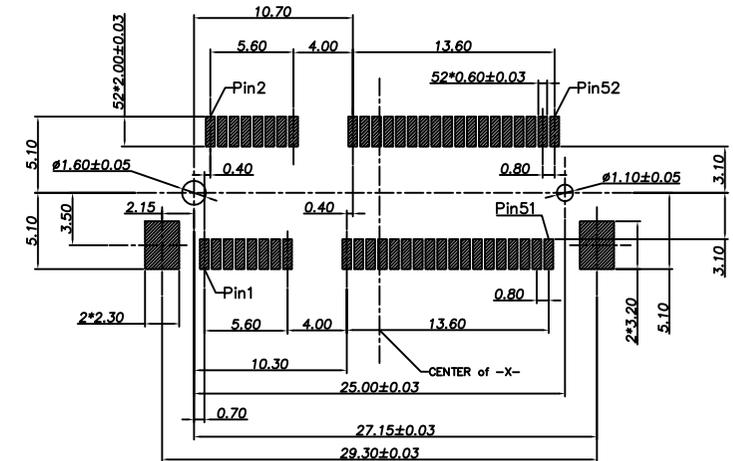
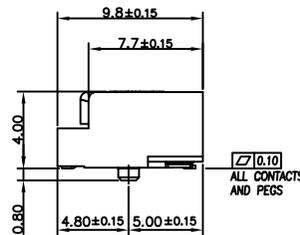
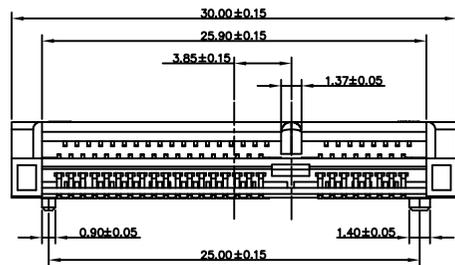
GP Component HF

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/12/01	Ken Lin
A0.1			Change Drawing	2021/11/03	Ken Lin

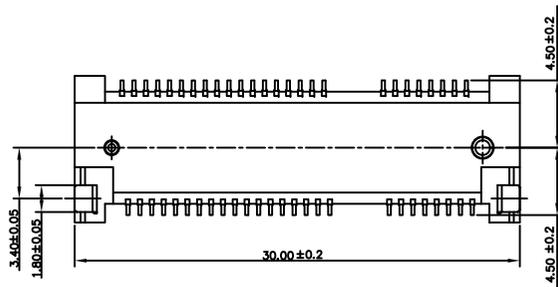


MATING: ① INSERTING(25°) → ② ROTATING → ③ FIXED  
 UNMATING: ④ UNFIXED → ⑤ ROTATING → ⑥ WITHDRAWING

NOTES:  
 1. MATERIAL:  
 HOUSING: THERMOPLASTIC, BLACK COLOR,  
 FLAM RESISTANCE UL94-V0.  
 CONTACTS: COPPER ALLOY, THICKNESS 0.20mm.  
 SOLDER PEGS: COPPER ALLOY, THICKNESS 0.20mm.  
 2. MSL LEVEL:  
 MSL(MOISTURE SENSITIVITY LEVELS)=1  
 3. FINISHED:  
 CONTACTS: GOLD FLASH PLATING ON CONTACT AREA AND  
 50~120u" MATTE TIN PLATING ON SOLDER AREA.  
 30~120u" NICKEL UNDER-PLATING OVER ALL.  
 SOLDER PEGS: 50~120u" MATTE TIN PLATING OVER,  
 50~120u" NICKEL UNDER-PLATING OVER ALL.  
 4. COMPLIANT TO HALOGEN FREE.



RECOMMEND PCB LAYOUT (MINIMUM THICKNESS OF THE PCB IS 0.8mm)  
 (OTHER TOLERANCES ARE NOT MARKED: ±0.03)

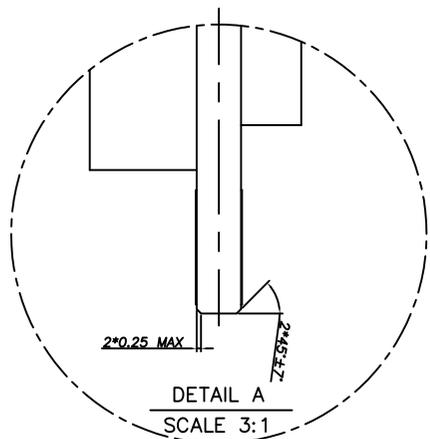
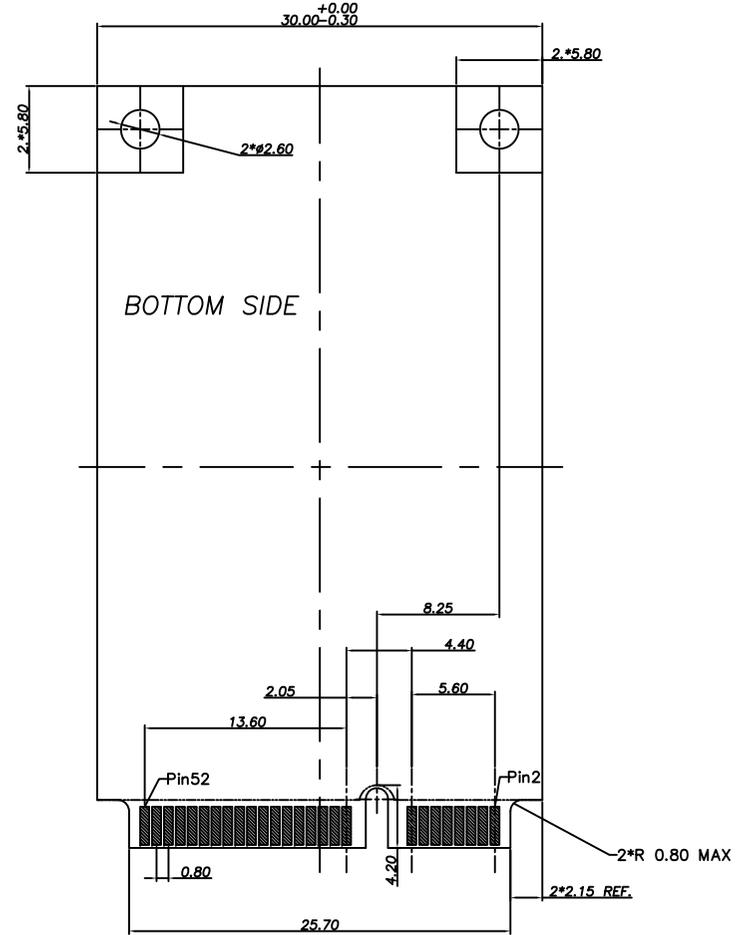
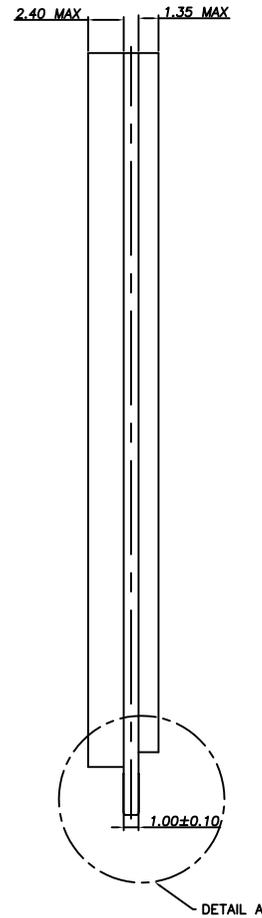
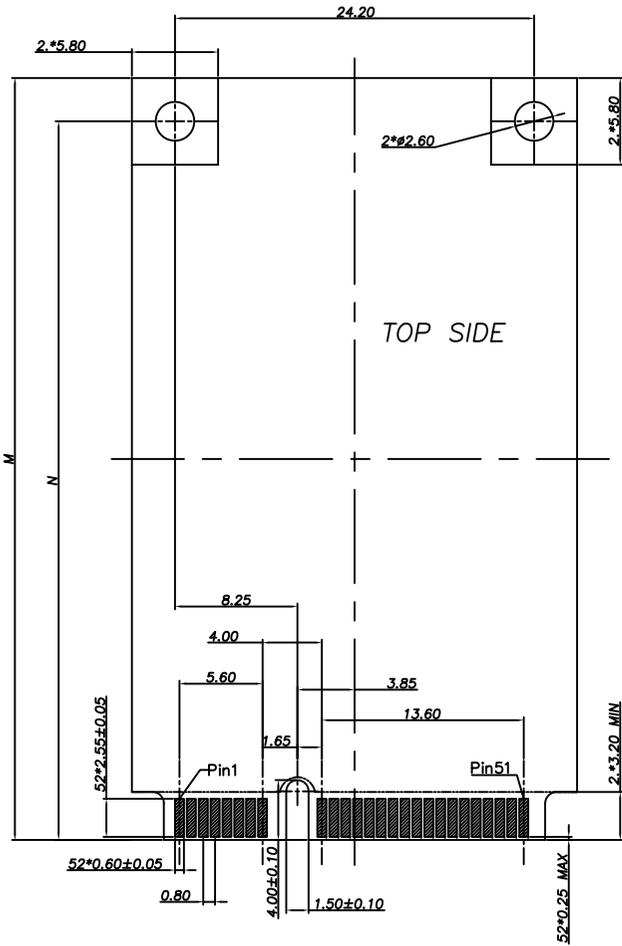


MATRIX PART NO:  
 MST 52 - 01 - 109  
 MATRIX MINI PCIE Pin Number Series Number  
 Plating  
 01: Gold Flash  
 15: 15u"  
 30: 30u"

Matrix Electronics Co., Ltd			
TOLERANCE: X:X ±0.35 X:XX ±0.25 X:XXX ±0.20 X:XXX ±0.10 ANGLE: ±3	DESIGN BY : Ken Lin	DATE : 2021/11/03	PART NAME: Mini PCI EXPRESS 4.0H Connector
 UNIT: mm [inch] SCALE: 1:1 SIZE: A4	CHECKED BY: Vicky Hsieh	DATE : 2021/11/03	PART NO. MST52-01-109
	APPROVED BY1: Richard Hsieh	DATE : 2021/11/03	MOLD NO. NA
	APPROVED BY2: Richard Hsieh	DATE : 2021/11/03	DRAW NO. SHEET NO. 1 OF 2

GP Component HF

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2020/12/01	Ken Lin
A0.1			Change Drawing	2021/11/03	Ken Lin



	M	N	(P)
FULL-MINI CARD	50.95	48.05	(48.05)
HALF-MINI CARD	26.8	23.9	(23.9)

**Matrix Electronics Co.,Ltd**

TOLERANCE: X: ±0.35 X.X: ±0.25 X.XX: ±0.20 X.XXX: ±0.10 ANGLE: ±3°	DESIGN BY : Ken Lin	DATE : 2021/11/03	PART NAME: Mini PCI EXPRESS 4.0H Connector	
	CHECKED BY: Vicky Hsieh	DATE : 2021/11/03	PART NO.	MST52-01-109
	APPROVED BY1: Richard Hsieh	DATE : 2021/11/03	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2021/11/03	DRAW NO.	
UNIT: mm [inch] SCALE:1:1 SIZE:A4			SHEET NO.	2 OF 2