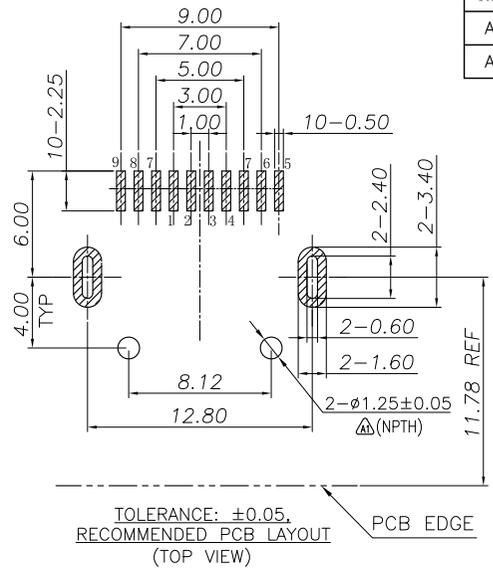
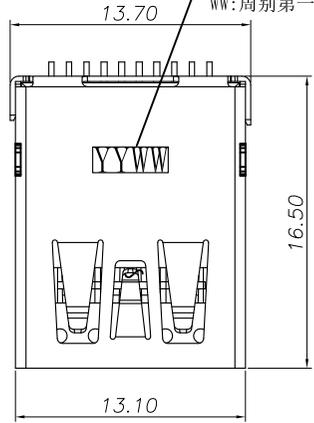


GP Component

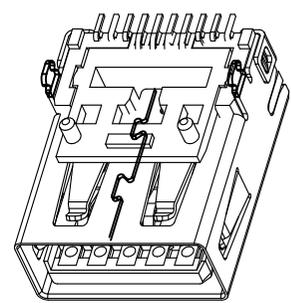
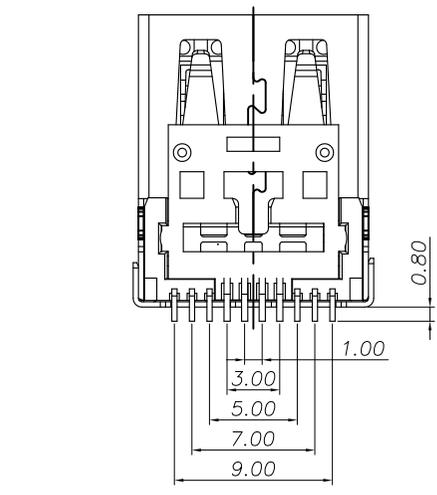
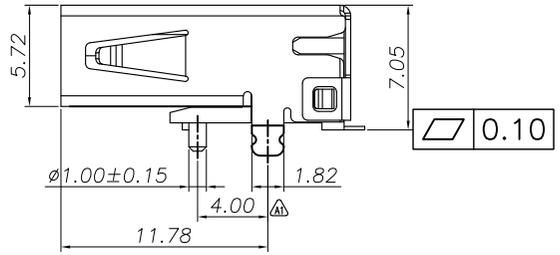
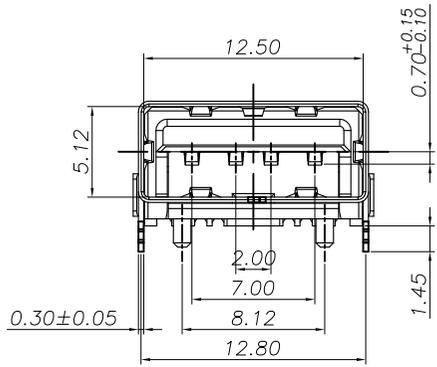
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2019/08/29	Hanson
A1			Change	2023/11/30	Ken Lin

DATE CODE
 YY:年份2023: 23, 依此类推
 WW:周别第一周: 01, 依此类推



TOLERANCE: ±0.05,
 RECOMMENDED PCB LAYOUT
 (TOP VIEW)

- NOTES:
- MATERIAL:
 - HOUSING:LCP UL 94V -0 BLUE
 - CONTACT:COPPER ALLOY (C5210)
 - SHELL:SUS201-H
 - FINISH:
 - CONTACT:GOLD G/F ON CONTACT AREA/100u" MIN MATTE TIN ON SOLDER AREA, 50u" MIN. NICKEL UNDER PLATING OVER ALL
 - SHELL:50u" MIN. NICKEL UNDER PLATING OVER ALL
 - ELECTRICAL CHARACTERISTIC
 - VOLTAGE RATING: 250V/AC (RMS)
 - CONTACT CURRENT RATING:1.8A MAX FOR PINLAND PIN4, AND 0.25A FOR OTHERS CONTACTS (PINS)
 - INSULATION RESISTANCE:100MΩ MIN
 - CONTACT RESISTANCE:30 MΩ MAX
 - MECHANICAL CHARACTERISTIC
 - INSERTION FORCE:35N/PCS MAX.
 - REMOVAL FORCE:10N/PCS MIN.
 - RETENTION FORCE:8N/PCS MIN.
 - DURABILITY: 10000 CYCLES
 - OPERATING TEMPERATURE:-55 TO +90° C
 - PACKING TAPE REEL
 - HALOGEN FREE PRODUCT



3D VIEW

MATRIX PART NO:
MUSB10-01-426
 MATRIX USB — Pin Number — Series number
 Plating
 01:Gold Flash
 03:3u"
 15:15u"
 30:30u"

PIN NO.	PIN 1	PIN 2	PIN 3	PIN 4		
SLGAL NAME	V BUS	D-	D+	GND		
REMARK	USB 2.0 CONTACT PINS					
PIN NO.	PIN 5	PIN 6	PIN 7	PIN 7	PIN 8	PIN 9
SLGAL NAME	STDA_SSRX-	STDA_SSRX+	GND_DRAIN	GND_DRAIN	STDA_SSTX-	STDA_SSTX+
REMARK	USB 3.0 CONTACT PINS					

Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.20 X.XX ±0.15 X.XXX ±0.05 ANGLE: ±2°	DESIGN BY : Ken Lin	DATE : 2023/11/30	PART NAME: USB 3.0 A Type SMT CONNECTOR.
	CHECKED BY: Hanson huang	DATE : 2023/11/30	PART NO. MUSB10-01-426
	APPROVED BY1: Richard Hsieh	DATE : 2023/11/30	MOLD NO. NA
UNIT: mm [inch]	APPROVED BY2: Richard Hsieh	DATE : 2023/11/30	DRAW NO.
SCALE:1:1 SIZE:A4			SHEET NO. 1 OF 1