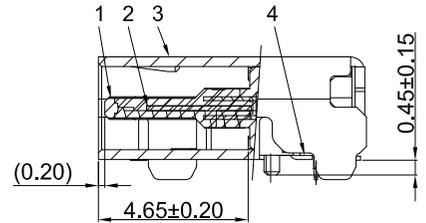
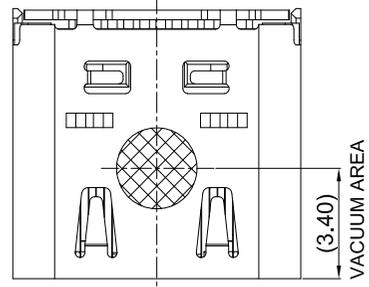


GP Component

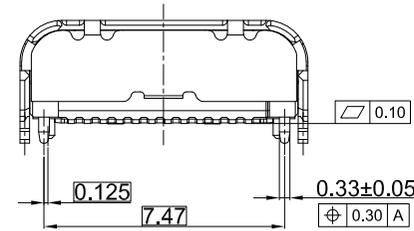
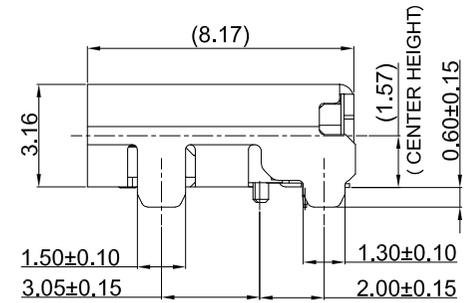
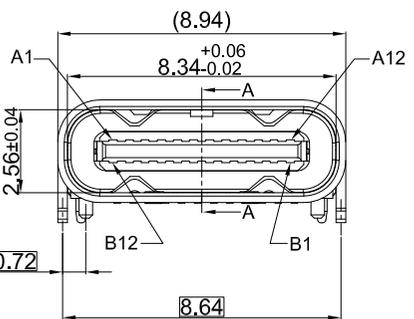
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/06/26	Ken Lin



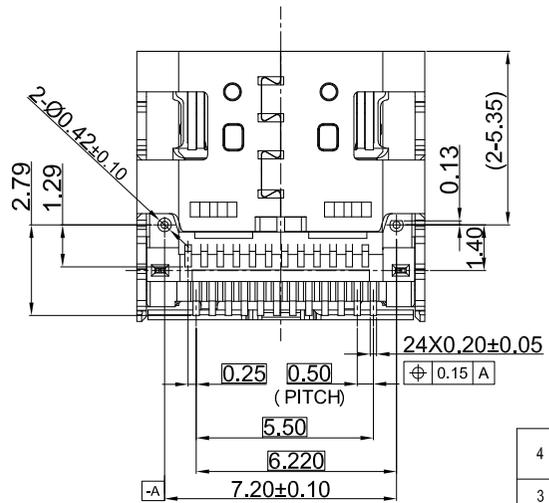
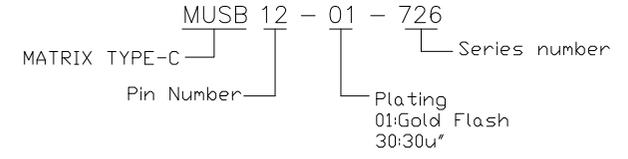
NOTE/注释:

1. SPECIFICATION/规格:

- 1.1 Rated current (额定电流) : 5.0 A
- 1.2 Voltage rating (额定电压) : 20V
- 1.3 Contact Resistance (接触阻抗) : 40 m Ω Max.
- 1.4 Insulation Resistance (绝缘阻抗) : 100MΩ Min.
- 1.5 Withstanding voltage (耐电压) : 100 VAC/minute
- 1.6 Mating force (插入力) : 5~20N .
- 1.7 Unmating force (拔出力) : 8~20N.
- 1.8 Durability Cycle(寿命循环):10,000 cycle
- 1.9 Operating temperature (工作温度) : -40°~+85°



MATRIX PART NO:



PIN ASSIGNMENT:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

ITEM	DESCRIPTION	QTY	MATERIAL	FINISH	REMARK
4	TERMINAL	24	C18140	MATING SIDE:SEE PART NO; SOLDER TAIL:Gold FLASH, 50u" NICKEL OVERALL.	T=0.12
3	SHELL	1	SUS304	NICKEL PLATING	T=0.30
2	MID PLATE	1	SUS301	NICKEL PLATING	T=0.15
1	MAIN HOUSING	1	PA9T HF 30%玻纤 UL94 V-0, 黑色		BLACK UL94V-0

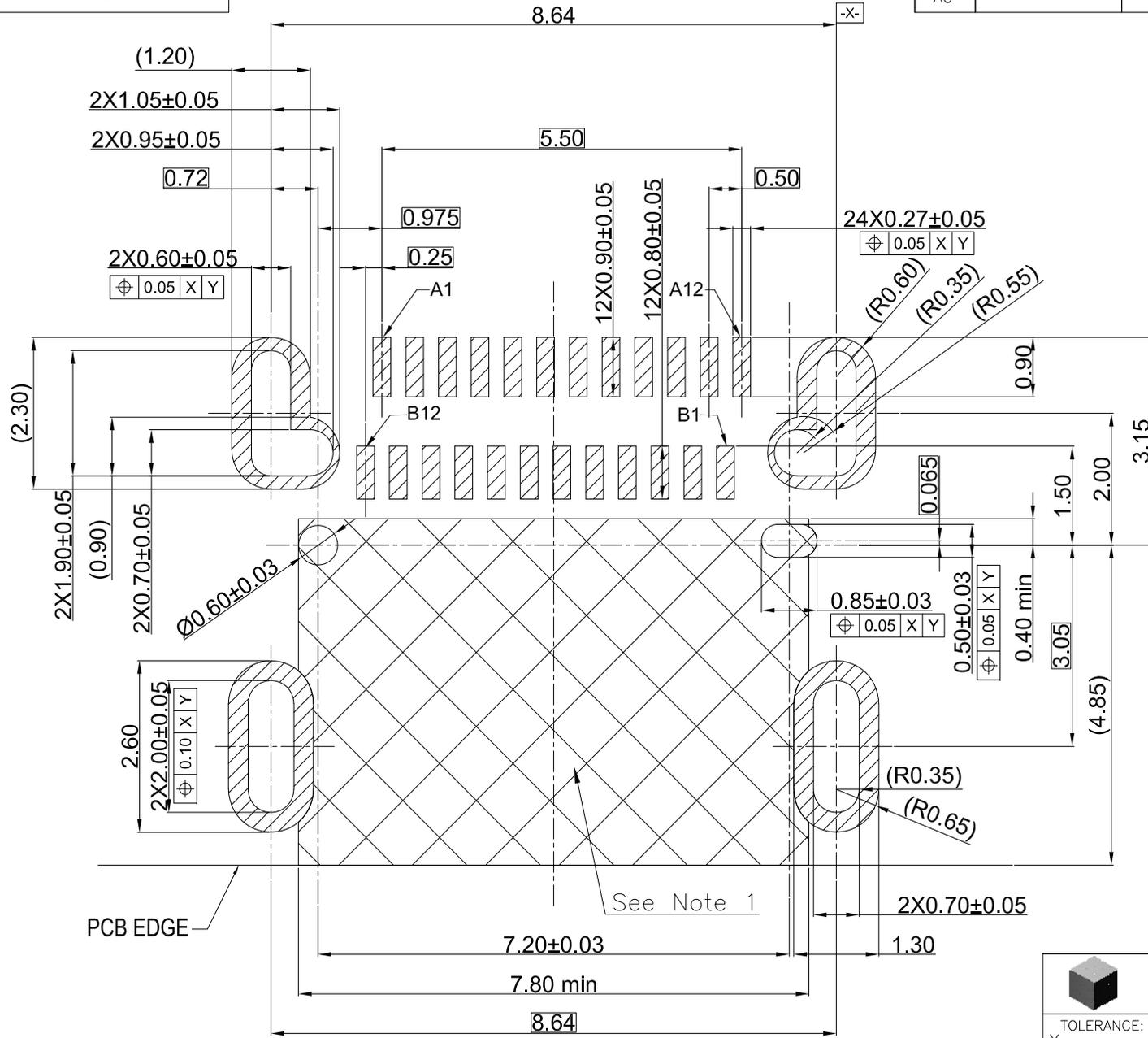
BILL OF MATERIAL

Matrix Electronics Co.,Ltd

TOLERANCE: X:X ±0.25 X:XX ±0.15 X:XXX ±0.10 ANGLE: ±3°	DESIGN BY :	DATE :	PART NAME:	
	Ken Lin	2022/06/26	USB4 Type-C FEMALE R/A, CL1.57, 24Pin SMT	
UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY:	DATE :	PART NO.	MUSB12-01-726
	Hanson Huang	2022/06/26	MOLD NO.	NA
	APPROVED BY1:	DATE :	DRAW NO.	
	Richard Hsieh	2022/06/26	SHEET NO.	1 OF 2
	APPROVED BY2:	DATE :		
	Richard Hsieh	2022/06/26		

GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/06/26	Ken Lin



RECOMMEND PCB LAYOUT(TOLERANCE:±0.05)
(THICKNESS:1.0±0.05mm) (TOP VIEW)

Note 1 : NO PCB ROUTING ALLOWED IN THIS AREA.

 Matrix Electronics Co.,Ltd				
TOLERANCE: X:X ±0.25 X:XX ±0.15 X:XXX ±0.10 ANGLE: ±3°		DESIGN BY : Ken Lin	DATE : 2022/06/26	PART NAME: USB4 TYPE-C FEMALE R/A, CL1.57, 24PIN SMT
		CHECKED BY: Hanson Huang	DATE : 2022/06/26	PART NO. MUSB12-01-726
		APPROVED BY1: Richard Hsieh	DATE : 2022/06/26	MOLD NO. NA
		APPROVED BY2: Richard Hsieh	DATE : 2022/06/26	DRAW NO.
SCALE:1:1 SIZE:A4			SHEET NO.	2 OF 2