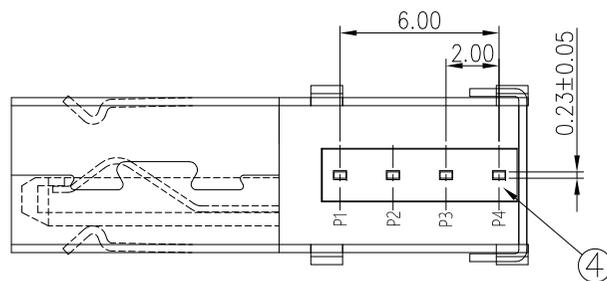
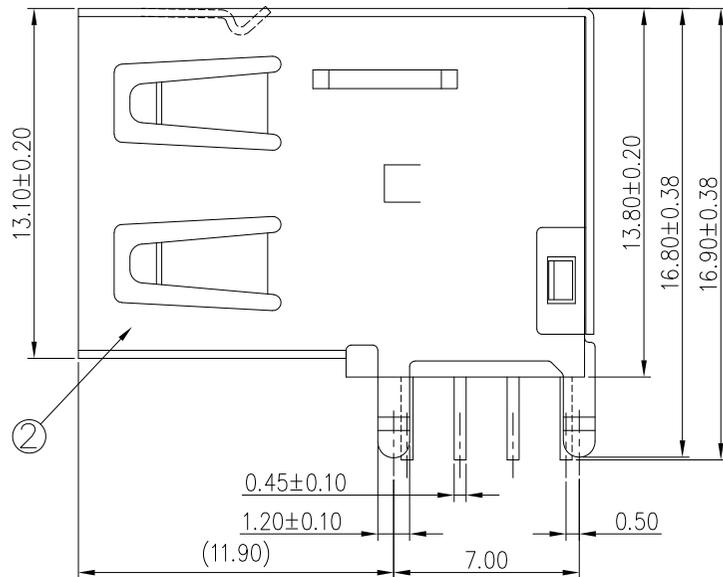
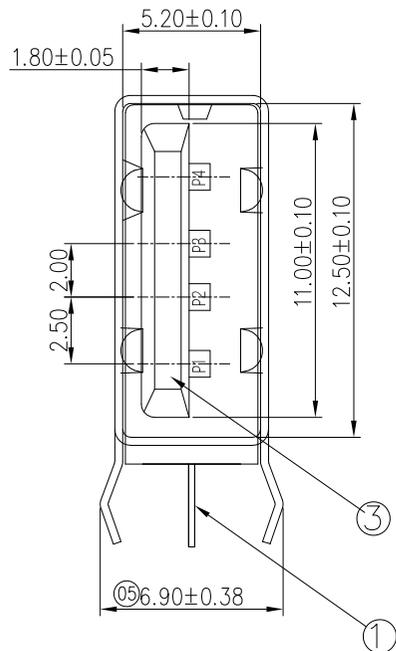
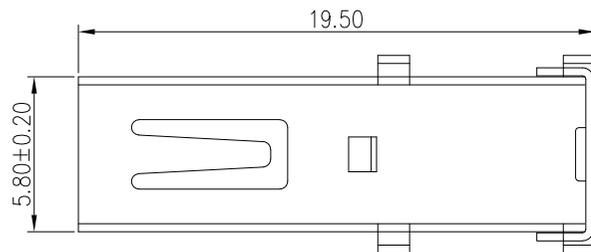
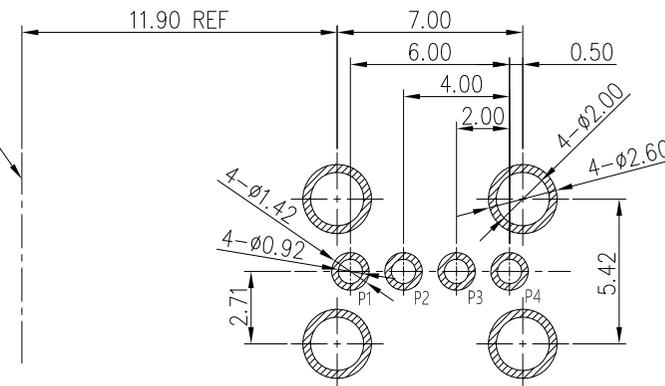


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/10/13	Ken Lin



PROFILE OF CONECTOR



NOTES:

RECOMMEND P.C.BOARD LAYOUT
PCB TOLERANCE:±0.05(TOP VIEW)

- PLATING:
 - CONTACTS:
 - NICKEL(50u" MIN.) UNDER PLATING OVERALL
 - TIN(60u"MIN.) PLATING ON SOLDER AREA
 - AU(GOLDFLASH) PLATING ON CONTACT AREA
 - SHELL: NICKEL(60U"MIN.) PLATING OVERALL
- SPECIFICATION:
 - CONTACT CURRENT RATING: 1.5 Amp
 - DIELECTRIC WITHSTANDING VOLTAGE: AC 500V r.m.s.
 - INSULATION RESISTANCE: 1000M Ω MIN. at DC 500V
 - OPERATING TEMPERATURE: -40°C to +85°C
 - CONTACT RESISTANCE: 30 M ΩMAX.
- MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE : 3.57 KGf MAX
 - WITHDRAWAL FORCE : 1.02 KGf MIN
 - MECHANICAL LIFE:1000 TIMES

MATRIX PART NO:

MUSB 04 - 01 - 749
 MATRIX USB Pin Number Plating
 01:Gold Flash<1u" MIN>
 15:15u"
 30:30u"

USB Connector Termination Assignment

Contact Number	Signal Name
1	VBUS
2	D-
3	D+
4	GND

④	COVER	1	LCP UL 94V-0	BEIGE
③	HOUSING	1	PBT UL 94V-0	WHITE
②	SHELL	1	SPCC	NI-PLATED
①	TERMINAL	4	BRASS C2680 T=0.23mm	AU-PLATED
No.	PART NAME	QTY.	MATERIAL	REMARK



Matrix Electronics Co.,Ltd

TOLERANCE: X:X ±0.30 X:XX ±0.20 X:XXX ±0.10 ANGLE: ±3°	DESIGN BY : Ken Lin	DATE : 2022/10/13	PART NAME: USB 2.0 母座/側立式 4Pin DIP TYPE	
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	CHECKED BY: Vicky Hsieh	DATE : 2022/10/13	PART NO.	MUSB04-01-749
	APPROVED BY1: Richard Hsieh	DATE : 2022/10/13	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2022/10/13	DRAW NO.	
			SHEET NO.	1 OF 1