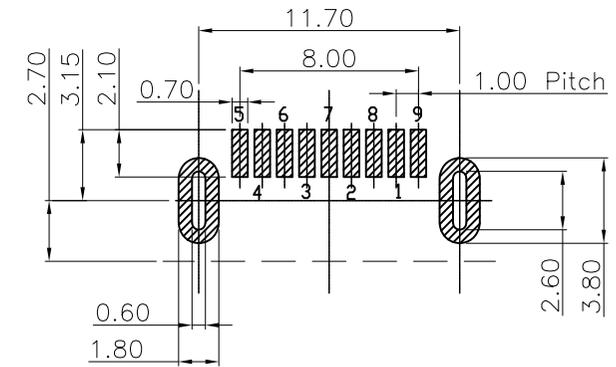
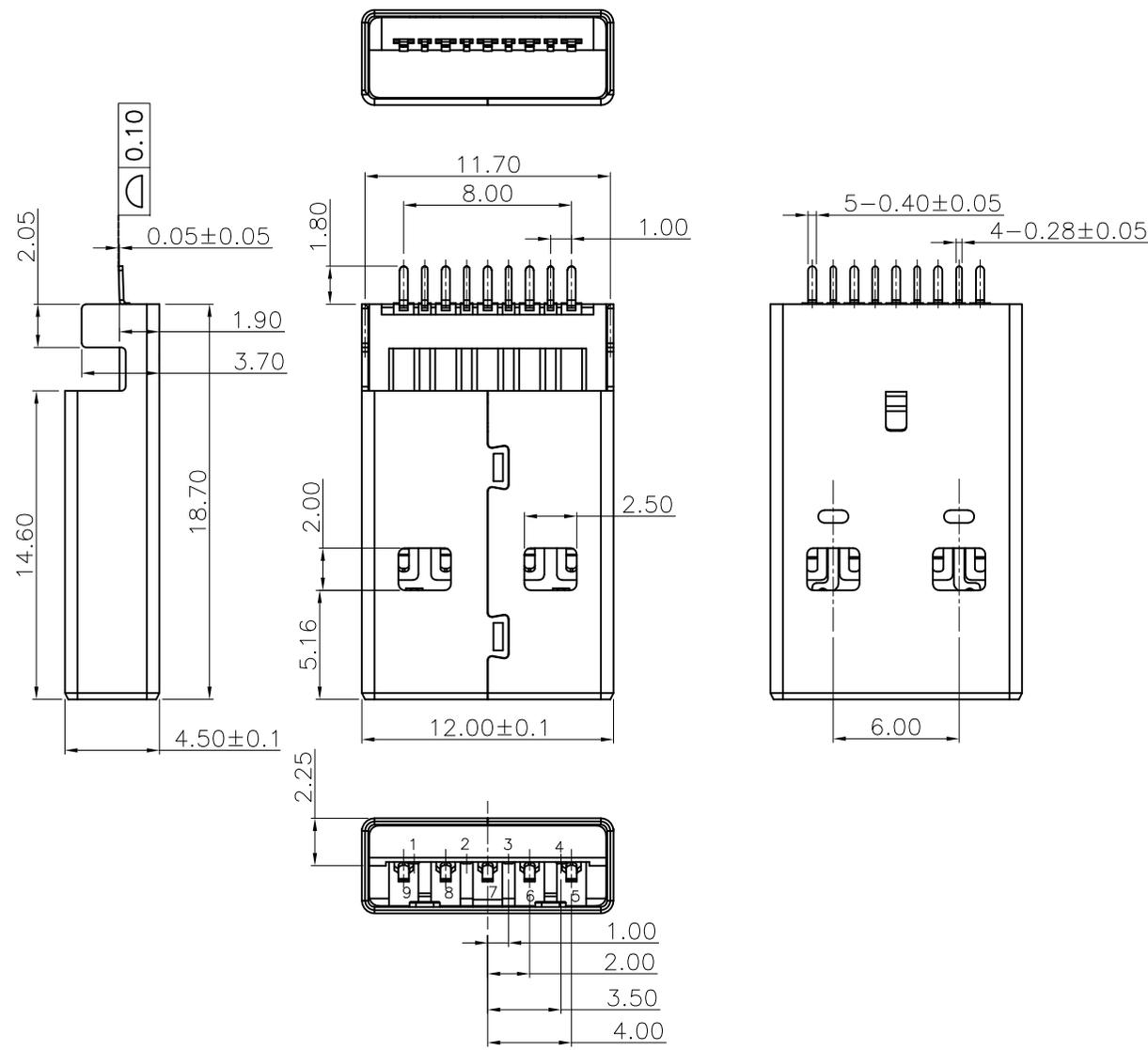


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2021/09/29	Ken Lin



- NoNOTE:
- MATERIAL:
    - INSULATOR:LCP UL 94V-0, BULE
    - CONTACT:Copper alloy (T=0.20mm) PLATED Ni50u", Sn80u" Au G/F (0.7u" Min.)
    - SHELL: SPCC (T=0.30mm) PLATED NI50u" MIN.
  - ELECTRICAL CHARACTERISTICS:
    - CONTACT RESISTANCE: 30mΩ MAXIMUM
    - CONTACT CURRENT RATING: 1.5 AMPERES
    - DIELECTRIC WITHSTANDING VOLTAGE: 100 V AC R. M. S.
    - INSULATION RESISTANCE 100 MEGOHMS MIN
    - OPERATING TEMPERATURE: -40° C ~ 85° C
  - MECHANICAL CHARACTERISTICS:
    - MATING FORCE: 3.57kgf MAX
    - UNMATED FORCE: 1.02kgf MIN INITIAL/0.82kgf MIN
    - DURABILITY: 1,500 CYCLES

MATRIX PART NO: **MUSB 09 - 01 - 632**

MATRIX USB Series number

Pin Number Plating

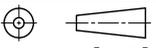
01:Gold Flash(0.7u" Min.)  
15:15u"  
30:30u"

PIN NO.	PIN 1	PIN 2	PIN 3	PIN 4
SLGNAL NAME	V BUS	D-	D+	GND
REMARK	USB 2.0 CONTACT PINS			

PIN NO.	PIN 5	PIN 6	PIN 7	PIN 8	PIN 9
SLGNAL NAME	STDA_SSRX-	STDA_SSRX+	GND_DRAIN	STDA_SSTX-	STDA_SSTX+
REMARK	USB 3.0 CONTACT PINS				



## Matrix Electronics Co.,Ltd

<b>TOLERANCE:</b> X:X ±0.30 X:XX ±0.20 X:XXX ±0.15 X:XXXX ANGLE: ±3°	DESIGN BY : Ken Lin	DATE : 2021/09/29	<b>PART NAME:</b> USB3.2 Gen1 Type A Male 9pin SMT 沉板 1.9直脚 無定位柱	
	CHECKED BY: Vicky Hsieh	DATE : 2021/09/29	PART NO.	MUSB09-01-632
 UNIT: mm [inch] SCALE:1:1 SIZE:A4	APPROVED BY1: Richard Hsieh	DATE : 2021/09/29	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2021/09/29	DRAW NO.	
			SHEET NO.	1 OF 1