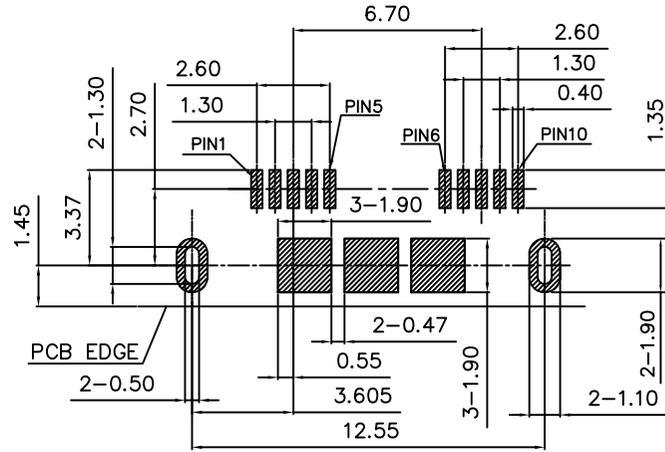
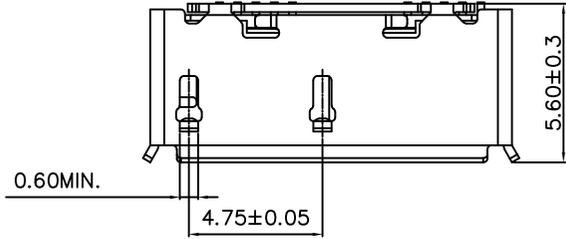
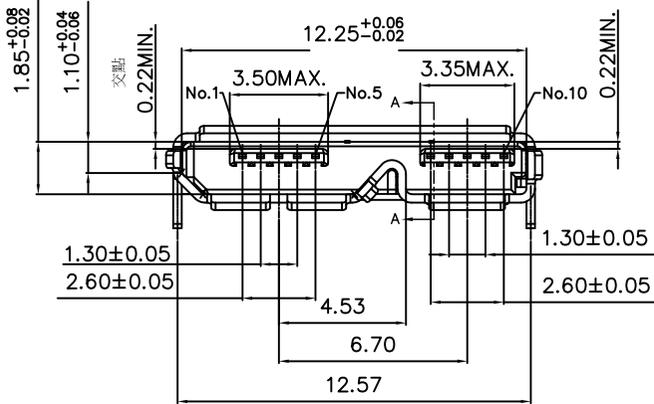


GP Component

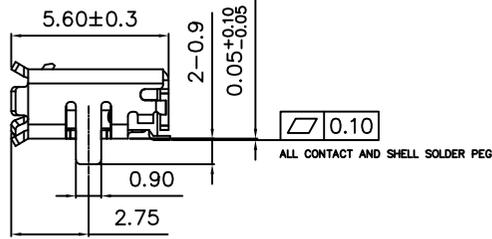
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2021/11/14	Ken Lin
A1			New Drawing	2024/05/24	Ken Lin



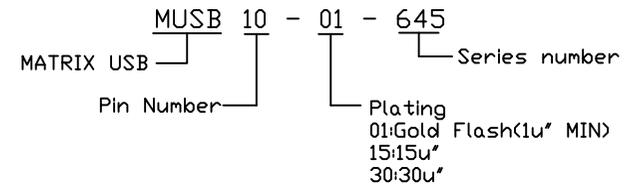
- NOTES:
- INSULATOR: LCP UL94 V-0 COLOR: BLACK
 - USB CONTACT: PHOSPHOR BRONZE, 0.15MM THICKNESS, Au G/F PLATED ON CONTACT AREA, GOLD FLASH OR 50u" TIN PLATED ON SOLDER TAIL, 80u" MIN. NICKEL UNDER PLATED OVERALL.
 - SHELL: STAINLESS STEEL ,0.3 THICKNESS, 30u" NICKEL PLATED ON THE SOLDERING TAB.
 - ELECTRICAL CHARACTERISTICS:
 - CONTACT RESISTANCE: 30MΩ MAXIMUM
 - CONTACT CURRENT RATING: 1.5AMPERES
 - DIELECTRIC WITHSTANDING VOLTAGE: 100 V R.M.S.
 - INSULATION RESISTANCE 100 MΩ MIN
 - OPERATING TEMPERATURE: -40°C ~ 85°C
 - MECHANICAL CHARACTERISTICS:
 - MATING FORCE: 35N MAX
 - UNMATING FORCE: 10N MIN(INITIAL) 8N MIN(10000 CYCLES AFTER)
 - DURABILITY: 100,00 CYCLES MIN



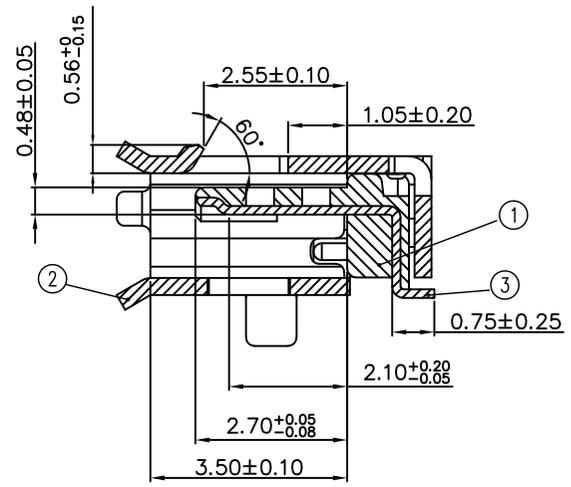
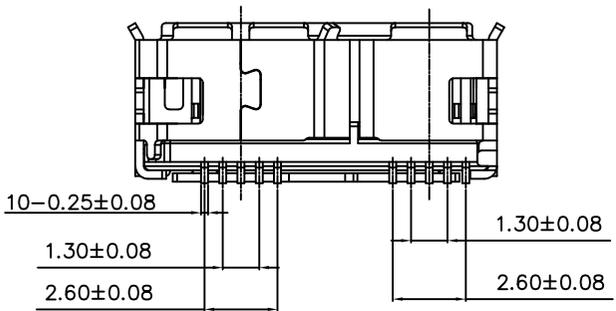
RECOMMEND PCB LAYOUT(TOLERANCE: ±0.05)
(THICKNESS: 0.80mm)



MATRIX PART NO:



Pin Assignments	
Shell	Shield
10	MicB_SSRX+
9	MicB_SSRX-
8	GND_DRAIN
7	MicB_SSTX+
6	MicB_SSTX-
5	GND
4	ID
3	D+
2	D-
1	VBUS
ITEM	DESCRIPTION
PIN NO.	SIGNAL NAME



Matrix Electronics Co.,Ltd

TOLERANCE: X.X ±0.50 X.XX ±0.30 X.XXX ±0.20 X.XXXX ±0.15 ANGLE: ±3°		DESIGN BY : Ken Lin	DATE : 2024/05/24	PART NAME: MICRO USB3.0 B TYPE RIGHT ANGLE SMD FEMALE	
		CHECKED BY: Hanson Huang	DATE : 2024/05/24	PART NO.	MUSB10-01-645
		APPROVED BY1: Richard Hsieh	DATE : 2024/05/24	MOLD NO.	NA
		APPROVED BY2: Richard Hsieh	DATE : 2024/05/24	DRAW NO.	
SCALE:1:1	SIZE:A4			SHEET NO.	1 OF 1