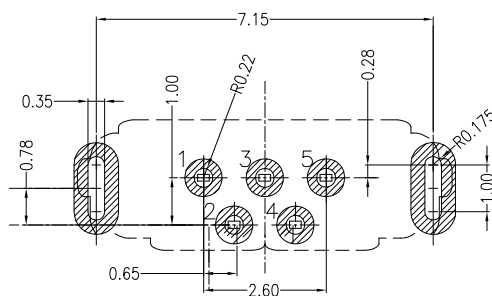
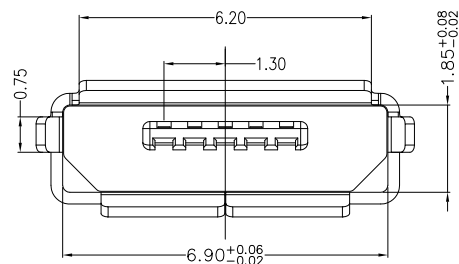
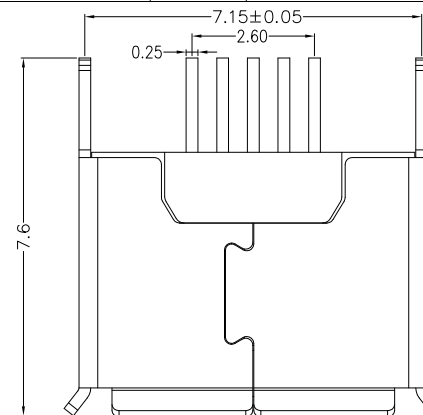
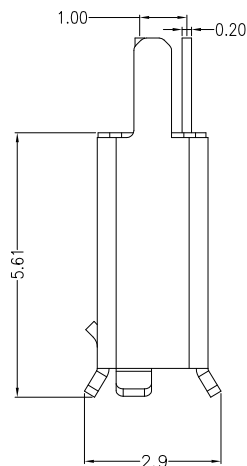
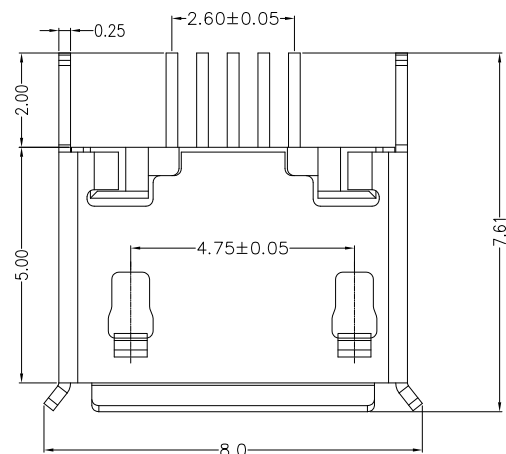


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2017/11/15	Phebe Su
A1			Change Shell material	2018/01/11	Phebe Su
A2			Correct opening tolerance	2018/05/31	Phebe Su



RECOMMENDED PCB LAYOUT

Note:

1.Material:

- 1.1 Housing: High temperature thermoplastic with g.f,UL94v-0 LCP BLACK
- 1.2 Contact: copper alloy, t=0.2mm
- 1.3 Shell: SUS304, t=0.25mm

2.Specification:

- 2.1 Current rating: 1A Max.
- 2.2 Dielectric withstanding voltage: 100 V(ac) for 1 min.
- 2.3 Contact resistance: 30 mΩ Max.
- 2.4 Insulation resistance: 100 MΩ Min.
- 2.5 Total mating force: 3.57 Kgf Max.
- 2.6 Total unmating force: 1.0 Kgf Min
- 2.7 Temperature range: -40°C~85°C

MATRIX PART NO:

MATRIX USB MUSB 05 - 01 - 282
 Pin Number Series number
 Plating 01:1u"

PIN NO.	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5
SIGNAL NAME	VBUS	D-	D+	ID	GND
 Matrix Electronics Co.,Ltd					
TOLERANCE: X:X ±0.15 X:XX ±0.10 X:XXX ±0.05 ANGLE: ±3°		DESIGN BY : Phebe Su	DATE : 2018/05/31	PART NAME: MICRO 5P/F AB TYPE VERTICAL	
CHECKED BY: Janice Liu		DATE : 2018/05/31	PART NO.	MUSB05-01-282	
APPROVED BY1: Richard Hsieh		DATE : 2018/05/31	MOLD NO.	NA	
APPROVED BY2: Richard Hsieh		DATE : 2018/05/31	DRAW NO.	SHEET NO.	
UNIT: mm [inch] SCALE:1:1 SIZE:A4				1 OF 1	