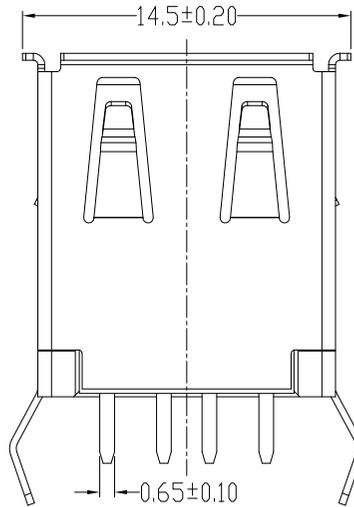
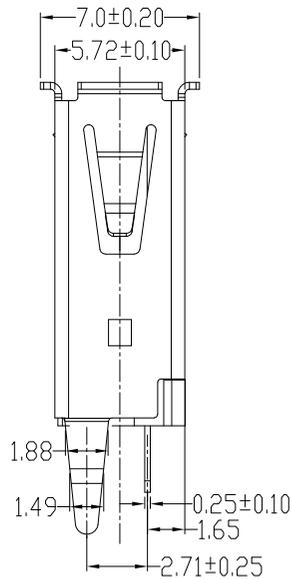
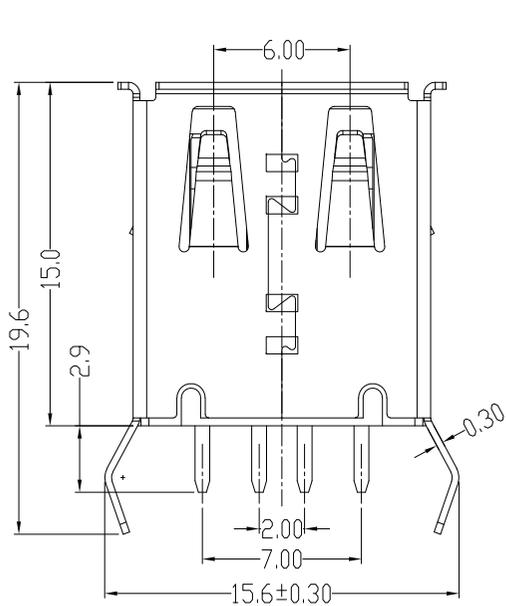
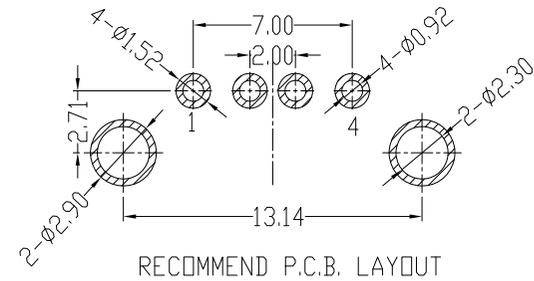
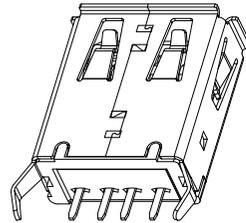
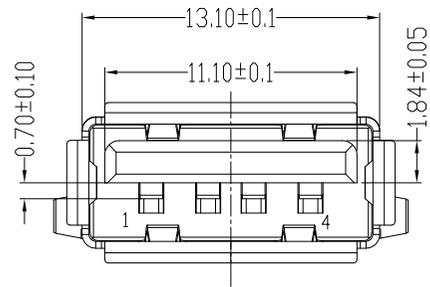


# GP Component

| REV. | ECN NO. | LOCATIONS | DESCRIPTION | DATE       | DESIGN   |
|------|---------|-----------|-------------|------------|----------|
| A0   |         |           | Initial     | 2016/09/29 | Phebe Su |



**NOTES:**

- 1.MATERIAL:  
 1.1 HOUSING: HIGH TEMPERATURE THERAL PLASTIC, PBT BLACK  
 1.2 CONTACT: COPPER ALLOY  
 1.3 SHELL: COPPER ALLOY& SPCC-SD  
 2.FINISH:  
 2.1 CONTACT: G/F ON CONTACT AREA/100m<sup>2</sup> Min MATTE TIN ON SOLDER AREA, 50u<sup>2</sup> MIN. NICKEL UNDERPLATING OVER ALL.  
 2.2 SHELL: 50u<sup>2</sup> MIN. NICKEL UNDERPLATING OVER ALL.  
 3.Temperature Range:-40°C to +85°C

MATRIX PART NO:

MUSB 04 - 01 - 173

MATRIX USB

Pin Number

Series number

Plating  
 01:Gold Flash  
 03:3u<sup>2</sup>  
 15:15u<sup>2</sup>  
 30:30u<sup>2</sup>

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



Matrix Electronics Co.,Ltd

|   |                                       |                             |   |               |
|---|---------------------------------------|-----------------------------|---|---------------|
| <b>TOLERANCE:</b><br>X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.10<br>ANGLE: ±3° | <b>DESIGN BY :</b><br>Phebe Su        | <b>DATE :</b><br>2016/09/29 | <b>PART NAME:</b><br>USB 2.0, A TYPE, 180° DIP CONNECTOR. |               |
|   | <b>CHECKED BY:</b><br>Vicky Hsieh     | <b>DATE :</b><br>2016/09/29 | <b>PART NO.</b>   | MUSB04-01-173 |
| <br><b>UNIT: mm [inch]</b><br><b>SCALE:1:1 SIZE:A4</b>                    | <b>APPROVED BY1:</b><br>Richard Hsieh | <b>DATE :</b><br>2016/09/29 | <b>MOLD NO.</b>   | NA            |
|   | <b>APPROVED BY2:</b><br>Richard Hsieh | <b>DATE :</b><br>2016/09/29 | <b>DRAW NO.</b>   |               |
|   |                                       |                             | <b>SHEET NO.</b>  | 1 OF 1        |