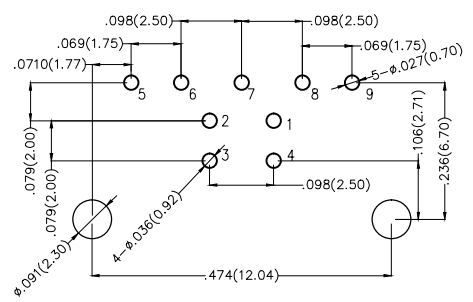
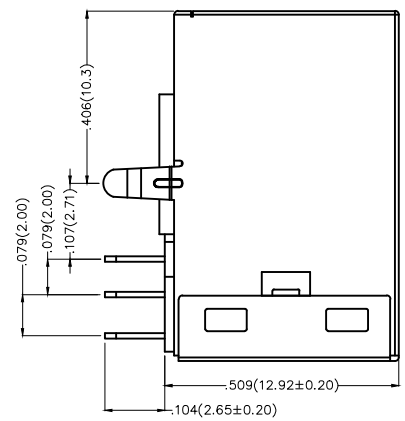
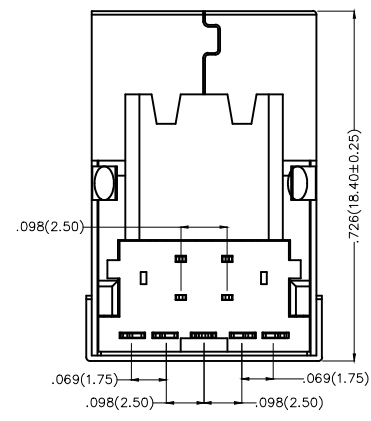
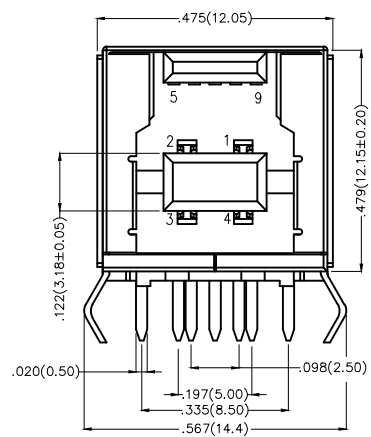


|     |           |             |      |         |      |
|-----|-----------|-------------|------|---------|------|
| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|     |           |             |      |         |      |



Recommended P.C.Board Layout

**SPECIFICATIONS**

Electrical  
 Current Rating:  
 1.8A Applied To Vbus Pin and its Corresponding GND  
 Pin(Pin1,pin4,pin7)  
 0.25A Applied To All Other Pins(pin2,pin3,pin5,pin6,pin8,pin9)  
 Voltage Rating:100V AC(rms)/DC  
 Contact Resistance:  
 30 mΩ Max Initial For VBUS And GND Contacts(Pin1,Pin4,Pin7)  
 50 mΩ Max Initial for All Other Contacts(pin2,pin3,pin5,pin6,pin8,pin9)  
 Insulation Resistance:100 MΩ MIN  
 Withstanding Voltage:100V AC r.m.s  
 Temperature Range—Operating: -55°C~+105°C

**Material**

Housing: Thermoplastic,Blue, UL 94V-0  
 Contact:Phosphor Bronze  
 Shell: Copper Alloy/Tin Over Nickel Plating  
 Plating  
 Contact:Gold in contact area, tin on tail  
 Shell: Tin plated

Pinassignment:

|             |                     |       |     |       |       |
|-------------|---------------------|-------|-----|-------|-------|
| Pins        | 1                   | 2     | 3   | 4     |       |
| Signal name | VBUS                | D-    | D+  | GND   |       |
| REMARK      | USB 2.0 Contact Pin |       |     |       |       |
| Pins        | 5                   | 6     | 7   | 8     | 9     |
| Signal name | SSRX-               | SSRX+ | GND | SSTX- | SSTX+ |
|             | USB 3.0 Contact Pin |       |     |       |       |

|                               |  |                                     |                       |                      |                           |  |                        |
|-------------------------------|--|-------------------------------------|-----------------------|----------------------|---------------------------|--|------------------------|
| <br>THIRD ANGLE<br>PROJECTION | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |                                     | APPROVE BY<br>FRANK   | DATE<br>21/JUN/13    | PART NO.<br>FUS302-FDBU1K | ITEM NO.<br>FUS302   | <br>Leader Of Industry |
|                               | DESIGN UNITS<br>Inch (metric)            | X.±.012(0.30)<br>X.X±.008(0.20)     | X'.±5'<br>.X'±2'      | CHECKED BY<br>CHERRY | DATE<br>21/JUN/13         | TITLE<br>USB B-type<br>9Circuits 90°Angle Female(DIP)(3.0)   |                        |
| SCALE<br>5:1                  | SIZE<br>A4                               | X.XX±.006(0.15)<br>X.XXX±.004(0.10) | .XX'±1'<br>.XXX'±0.5' | DRAWN BY<br>JACOB    | DATE<br>21/JUN/13         | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                        |
|                               |  |                                     |                       |                      |                           | REV 0  | SHEET NO. 1/1          |