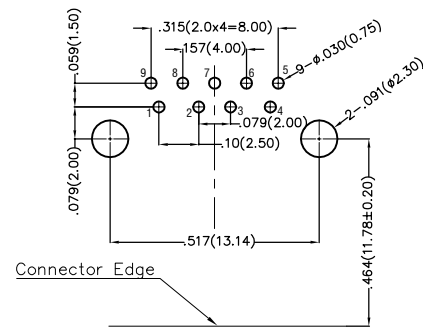
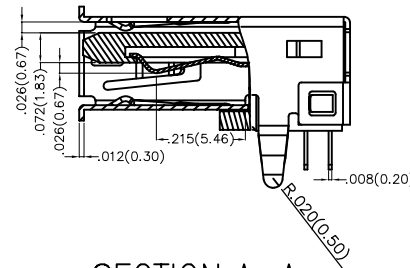
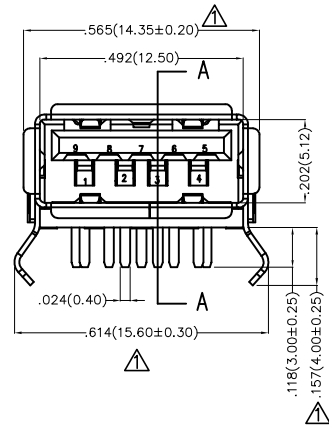
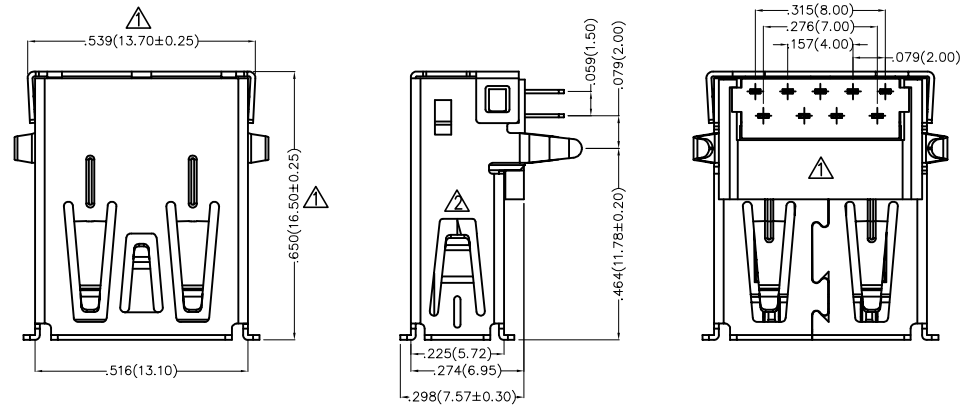


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Structure&Size changes	22/SEP/23	MATT	LEO
2	▲	Update Structure	12/AUG/25	MATT	LEO



Recommended P.C.Board Layout
 General Tolerance : ±.002(0.05)

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(UL 94V-0)Blue

Contact: Phosphor Bronze/ Selective gold in contact area,Tin on tail.

Shell: Copper Alloy/ Nickel 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				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X.±.012(0.30)	X.±5'	FRANK	21/JUN/13	FUS301-FDBU1K	FUS301	
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE	USB A-type 9Circuits 90°Angle Female(DIP)(3.0)	
SCALE	X.XX±.006(0.15)	.XX'±1'	CHERRY	21/JUN/13	REV 2		
5:1	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
A4			JACOB	21/JUN/13			

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Structure&Size changes	22/SEP/23	MATT	LEO
2	▲	Update Structure	12/AUG/25	MATT	LEO

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

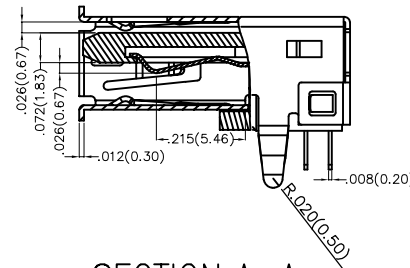
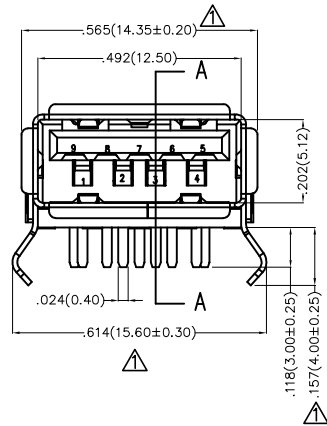
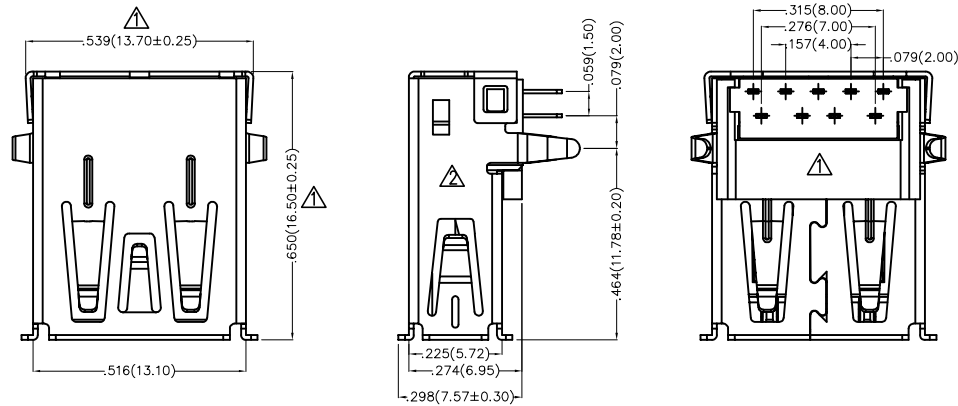
Temperature Range-Operating: -55°C~+105°C

Material

Housing: Thermoplastic(UL 94V-0)Blue

Contact: Phosphor Bronze/ Gold 0.375μm in contact area,Tin on tail.

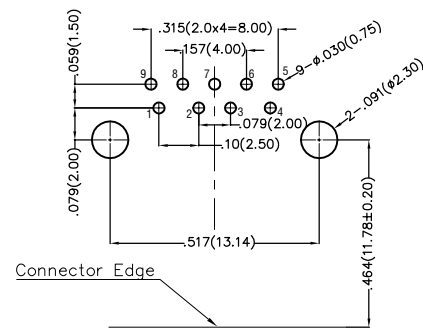
Shell: Copper Alloy/ Nickel Plated



SECTION A-A

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				



Recommended P.C.Board Layout

General Tolerance : ±.002(0.05)

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/JUN/13	PART NO. FUS301-FDBU1K-15	ITEM NO. FUS301	<p>Building Technology Cornerstone</p>
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5° .XX±2°	CHECKED BY CHERRY	DATE 21/JUN/13	TITLE USB A-type 9Circuits 90°Angle Female(DIP)(3.0)	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	DRAWN BY JACOB	DATE 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		