

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Size changes	29/JUL/21	KATE	CHERRY

SPECIFICATIONS

Electrical

Current Rating: 1.8A AC(rms)/DC for Circuits No.1&4
0.25A for other contacts
Voltage Rating: 30V AC(rms)/DC
Contact Resistance: 30mΩ Max for Circuits No.1&4
50mΩ Max for other contacts
Withstanding Voltage: 100V AC r.m.s
Insulation Resistance: 100 MΩ Min
Temperature Range—Operating: -55°C~+85°C

Mechanical

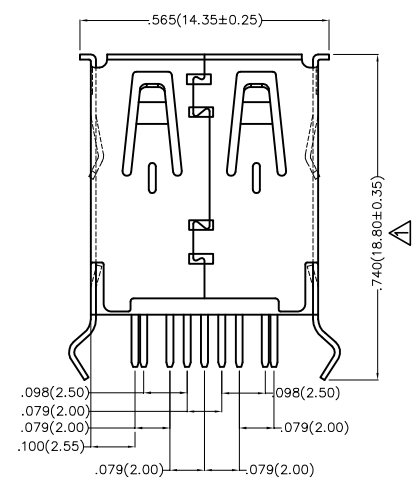
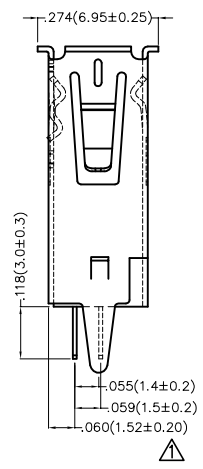
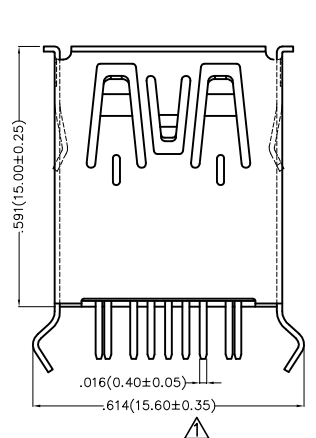
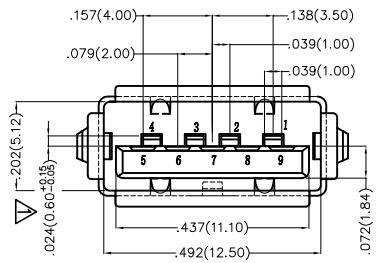
Insertion force: 3.57kgf Max.
Withdrawal force: 1.02kgf Min.

Material

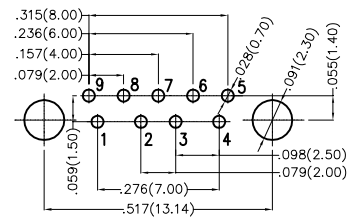
Housing: PBT+30%GF (UL 94V-0) Blue
Terminal: Copper Alloy
Shell: Brass

Plating

Terminal: Gold on contact area, tin on tail
Shell: Nickel Plated



Circuits	Signal name
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield



Recommended P.C.Board Layout

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>
	X.±.012(0.30)	X:±5'	FRANK	17JUL/13	FUS312-FDSU1K	FUS312	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		
	X.XX±.006(0.15)	.XX'±1'	CHERRY	17/JUL/13	USB A-type 9Circuits 180° Vertical Female(DIP)(3.0)		
SCALE	SIZE	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	
5:1	A4			JACOB	17/JUL/13	REV 1	SHEET NO. 1/1