

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	▲	Size change	28/JUL/20	KATE	CHERRY
2	▲	Update structure and dimensions	11/SEP/24	MATT	LEO

Electrical

Current Rating: 1.5A AC(rms)/DC
Voltage Rating: 30V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 1000 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range—Operating: -55°C ~+85°C

Material and Plating

Housing: PBT(UL 94V-0)
Contact Pin: Copper Alloy
Plating: Gold on contact area, Tin on tail.
Shell: SPCC/ Copper Alloy
Plating: Nickel plated

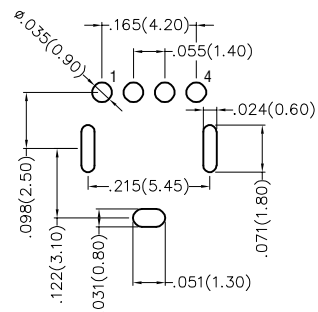
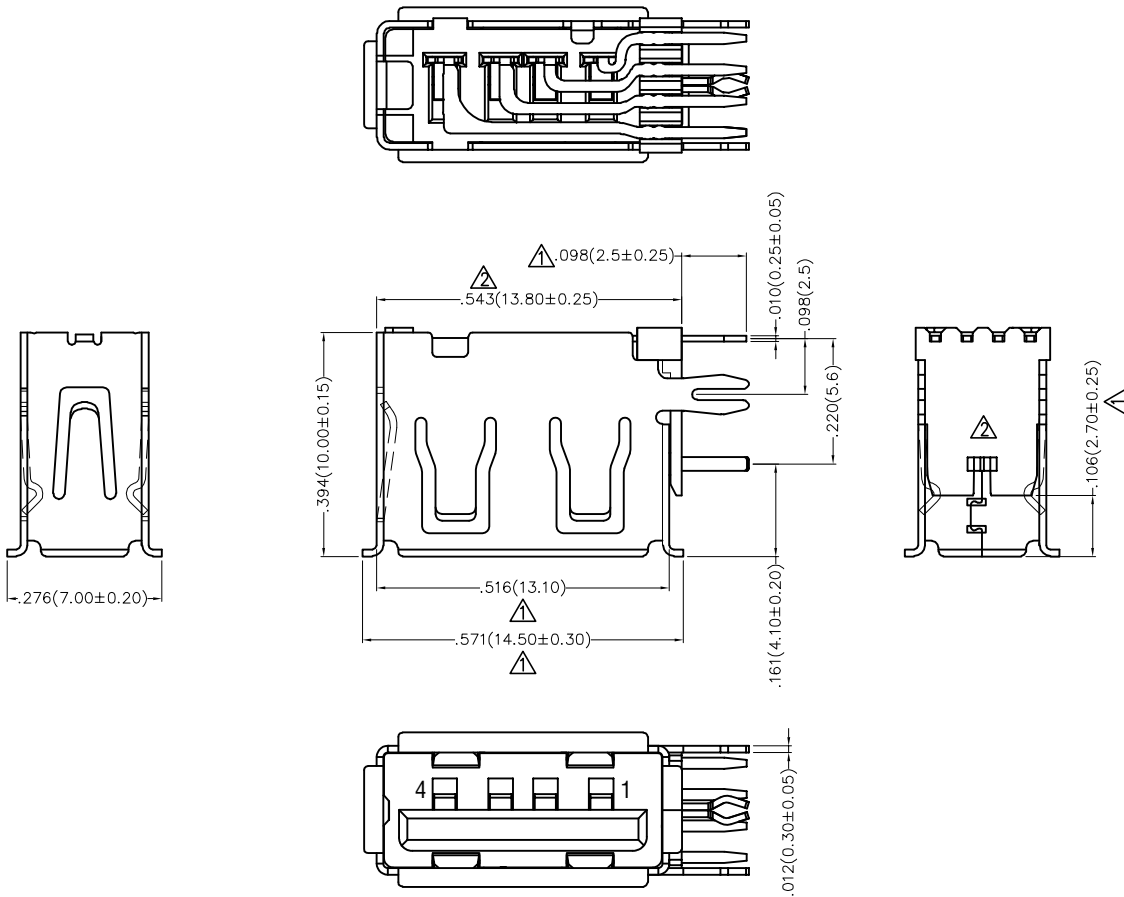
Pinassignment:

Pins	Signal name
PIN 1	VBUS
PIN 2	D-
PIN 3	D+
PIN 4	GND


Ordering Informaion

FUS 2 42 — F D B XX K (A)
1 2 3 4 5 6 7 8 9

1	Category FUS-USB	2	Series Number 2-USB 2.0	3	Distinction No. 42	4	Type F-Female	5	Assembly Layout D-DIP
6	Entry Angle B-90° Angle	7	Color-Resin K6-Black U1-Blue	8	Packaging K-Tray	9	Material-Shell Standard-SPCC A-Copper alloy		



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FUS242-FDBXXK(A)	ITEM NO. FUS242	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5° .X'±2° .XX'±1° .XXX'±0.5°	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE USB A-type 4Circuits 90°Angle Male(DIP)		REV 2
SCALE 5:1	SIZE A4	DRAWN BY KATE		DATE 18/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			