

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size Changes	06/MAR/17	KATE	FRANK
2	△	Structure optimization	05/JUN/18	KATE	FRANK

SPECIFICATIONS

Electrical

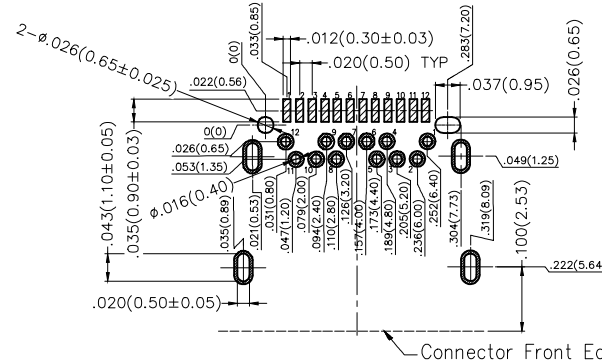
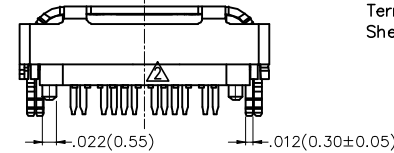
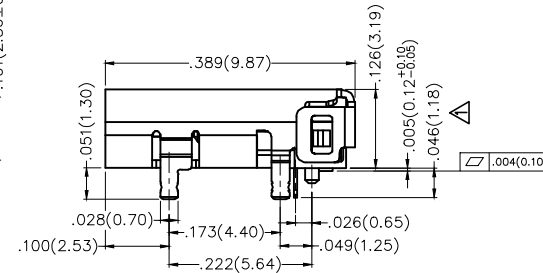
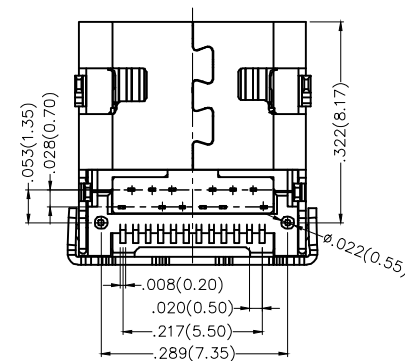
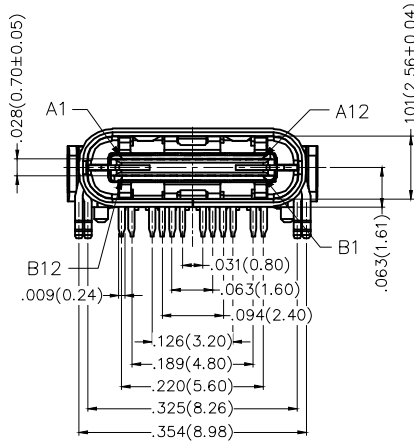
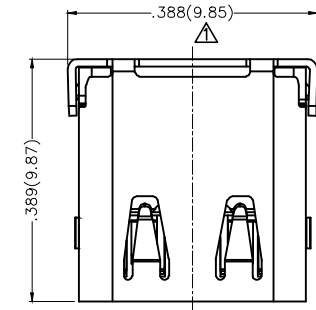
Current Rating: 5A AC(rms)/DC Max. (VBUS/GND)
1.25A AC(rms)/DC Max. (VCONN)
0.25A AC(rms)/DC Min. (Signal pins contact)
Voltage Rating: 30V AC(rms)/DC
Contact Resistance: 40 mΩ Max. (VBUS/GND)
50 mΩ Max. (Others)
Withstanding Voltage: 100V AC r.m.s
Insulation Resistance: 100 MΩ Min.
Temperature Range-Operating: -30℃~+85℃

Mechanical

Insertion Force: 5~20N
Withdrawal Force: 8~20N(0~1,000 cycles)
5~20N(1,000~10,000 cycles)
Durability: 10,000 cycles

Material and Plating

Housing: Thermoplastic (UL 94V-0) Black
Terminal: Copper alloy/ Gold plated
Shell: Stainless steel/ Nickel plated



Connector Front Edge

Recommended P.C.Board Layout T=.039(1.00)

General Tolerances: ±.002(0.05)

Circuits	A	Circuits	B
1	GND	12	GND
2	SSTXP1	11	SSRXP1
3	SSTXN1	10	SSRXN1
4	VBUS	9	VBUS
5	CC1	8	SBU2
6	DP1	7	DN2
7	DN1	6	DP2
8	SBU1	5	CC2
9	VBUS	4	VBUS
10	SSRXN2	3	SSTXN2
11	SSRXP2	2	SSTXP2
12	GND	1	GND

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FUS601-FSDBK6M	ITEM NO. FUS601	 Leader Of Industry	
	X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE USB C-type 90° Angle Female(SMT+DIP)(3.1)			
	X.X±.008(0.20)	X.±2°	CHERRY	18/JUN/13			REV 2	SHEET NO. 1/1
	DESIGN UNITS Inch (metric)	X.XX±.006(0.15)	XX±1°	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		
SCALE 5:1	X.XX±.004(0.10)	XXX±0.5°	KATE	18/JUN/13				