

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Change the structural and size	06/MAY/22	MATT	CHERRY

**SPECIFICATIONS**

**Electrical**

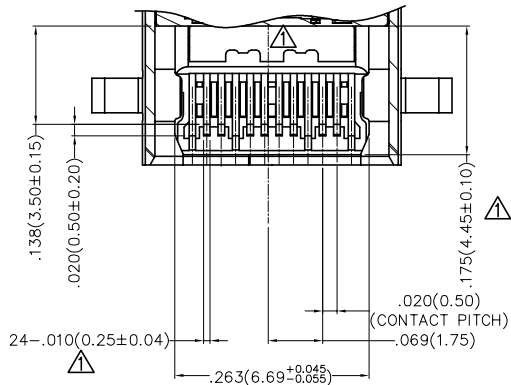
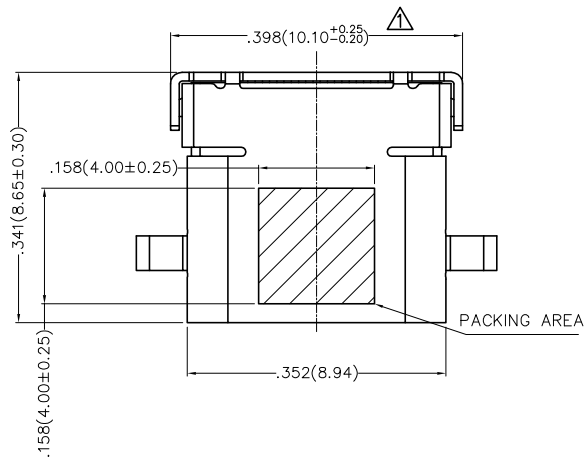
Current Rating: 5.0A AC(rms)/DC  
Voltage Rating: 20V AC(rms)/DC  
Contact Resistance: 40 mΩ Max  
Withstanding Voltage: 100V AC r.m.s  
Insulation Resistance: 100 MΩ Min  
Temperature Range-Operating: -55°C~+85°C

**Mechanical**

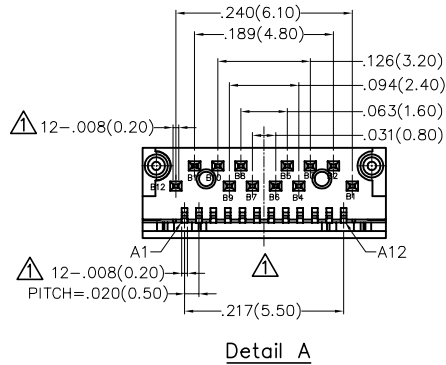
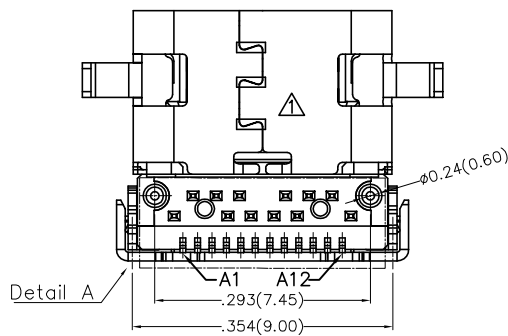
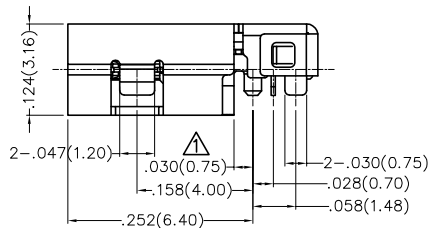
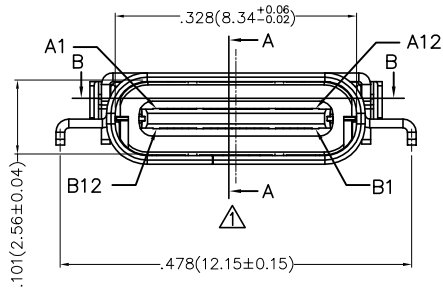
Insertion Force: 5~20N  
Withdrawal Force: 8~20N  
Durability: 10,000 Cycles

**Material and Plating**

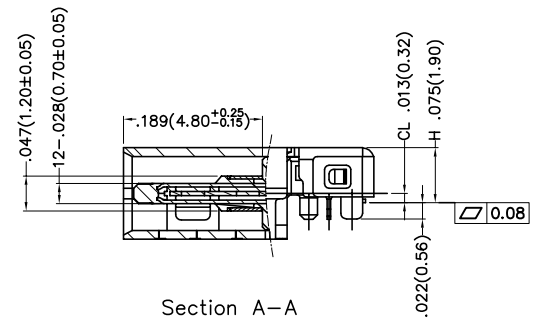
Shielding Plate: Sus304/Nickel Plated  
Shell: Sus304  
Molding: LCP (UL 94V-0) Black  
Contact: Copper Alloy/ Gold plated on contact area, tin on tail



Section B-B



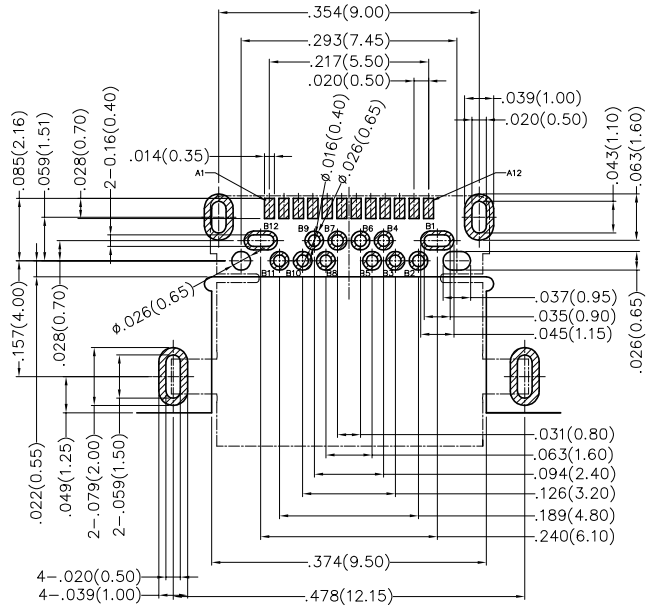
Detail A



Section A-A

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 25/APR/17	PART NO. FUS613-FSDBK6M	ITEM NO. FUS613	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 25/APR/17	TITLE USB C-type 90° Angle Female(SMT+DIP)(3.1)			
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY LXF	DATE 25/APR/17	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 1	SHEET NO. 1/2
SCALE 5:1	SIZE A4	X.XX±.006(0.15)						
		X.XXX±.004(0.10)						

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Recommended P.C.Board Layout  
General Tolerances: ±0.05mm

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

<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	25/APR/17	FUS613-FSDBK6M	FUS613		
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE			
DESIGN UNITS	X.XX±.006(0.15)	.XX'±1'	CHERRY	25/APR/17	USB C-type 90° Angle Female(SMT+DIP)(3.1)		REV 1	SHEET NO. 2/2
SCALE	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			LXF	25/APR/17				
SIZE								
A4								