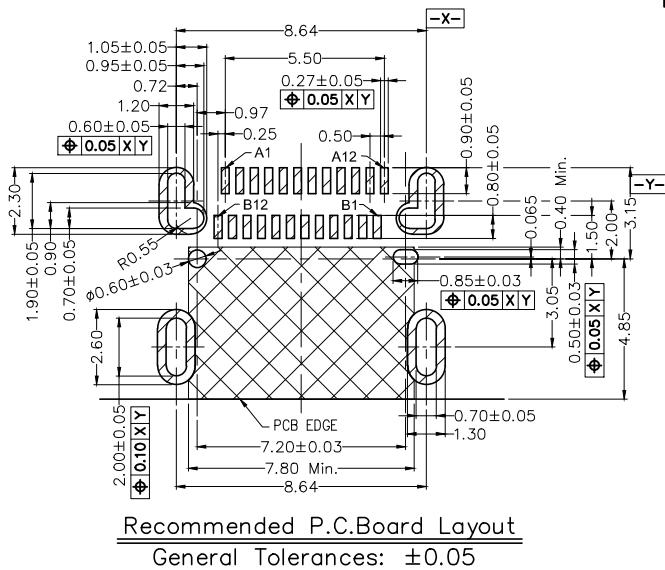
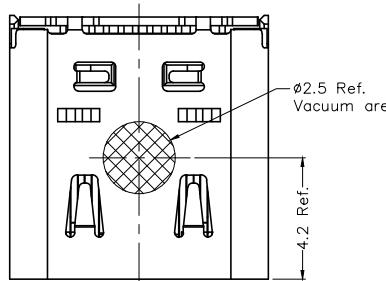


1	2	3	4	5	6	7	8
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD		

A



SPECIFICATIONS

Electrical

Current Rating: 5.0A
Voltage Rating: 5V AC(rms)
Contact Resistance: 40 mΩ Max.
Insulation Resistance: 100 MΩ Min.
Withstanding Voltage: 100V AC r.m.s
Temperature Range—Operating: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

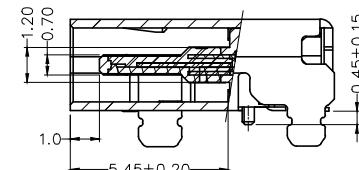
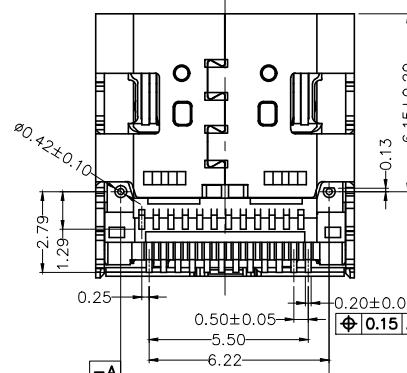
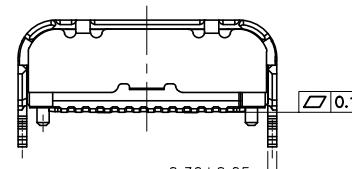
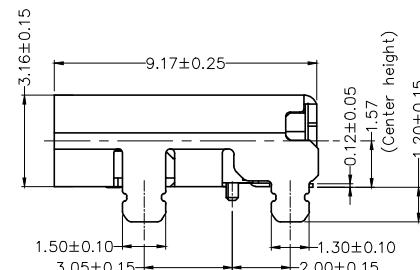
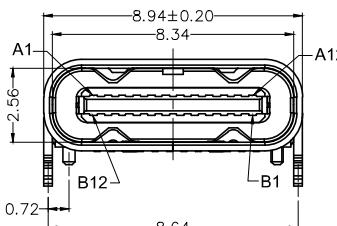
Mechanical

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

Material and Plating

Housing: PA9T 30%G.F (UL94 V-0), Black
Terminal: Copper alloy/ 3μ Gold plated on contact area and gold flash on tails area
MID Plate: SUS 301/ Nickel plated
Shell: SUS 304/ Nickel plated

C



Pin assignment

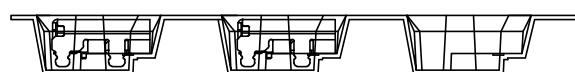
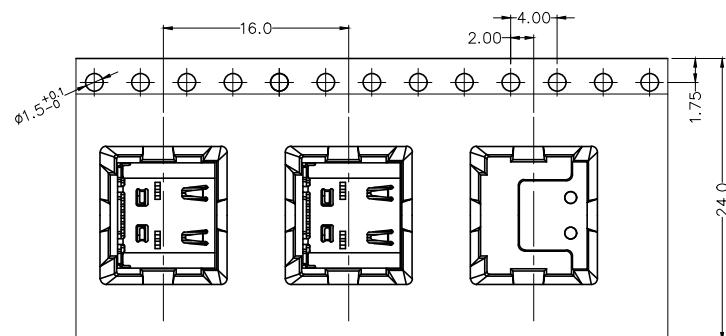
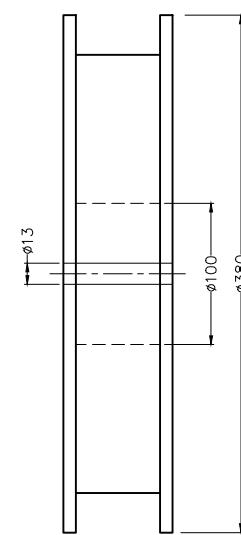
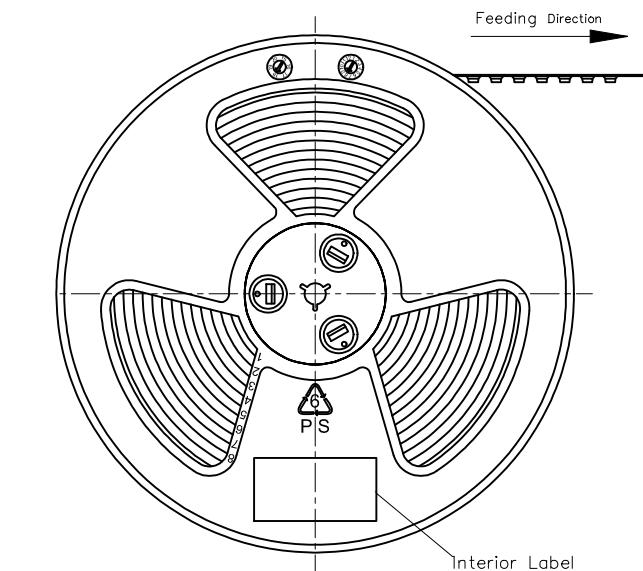
Circuits	A	Circuits	B
A1	GND	B12	GND
A2	TX1+	B11	RX1+
A3	TX1-	B10	RX1-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 24/APR/22	PART NO. FUS642-FSBBKM	ITEM NO. FUS642	TITLE USB Type C 90° Angle Female(SMT)(3.1)	REV 0	SHEET NO. 1/2
X. ± 0.30	X. $\pm 5^{\circ}$	CHECKED BY CHERRY	DATE 24/APR/22	DRAWN BY KATE	DATE 24/APR/22			
X. ± 0.20	X. $\pm 2^{\circ}$							
X. ± 0.15	X. $\pm 1^{\circ}$							
1:1	A4							
X. ± 0.10	X. $\pm 0.5^{\circ}$							

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

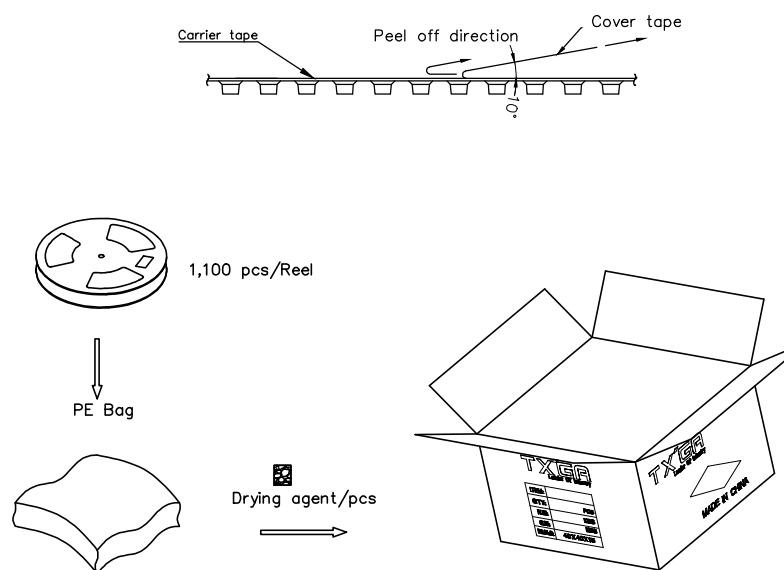
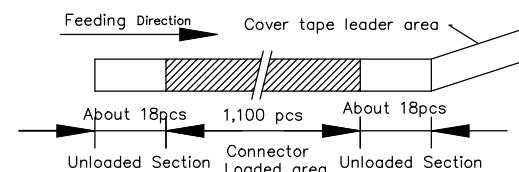
TXGA
Leader Of Industry

1	2	3	4	5	6	7	8
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD		



Note:

- 10 sprocket hole cumulative tolerance ± 0.2
- Carrier camber is within 1.0mm in 250mm
- Material: Clear conductive polystyrene Alloy 100% recyclable
- All dimensions meet EIA-481-3 requirements
- Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
- Component load per 15" reel: 1,100 pcs



GENERAL TOLERANCES (UNLESS SPECIFIED)	APPROVE BY FRANK	DATE 24/APR/22	PART NO. FUS642-FSBBKM	ITEM NO. FUS642	TXGA Leader Of Industry
X. ± 0.30	X. $\pm 5^\circ$	CHECKED BY CHERRY	DATE 24/APR/22	TITLE USB Type C 90° Angle Female(SMT)(3.1)	REV 0
X.X ± 0.20	X.X $\pm 2^\circ$	DRAWN BY KATE	DATE 24/APR/22		
X.XX ± 0.15	X.XX $\pm 1^\circ$				
X.XXX ± 0.10	X.XXX $\pm 0.5^\circ$			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	