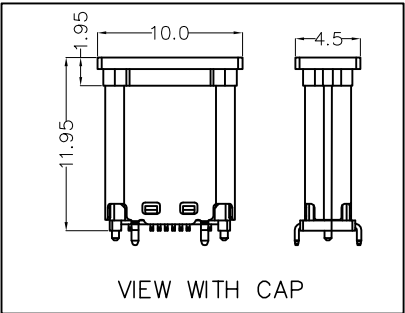
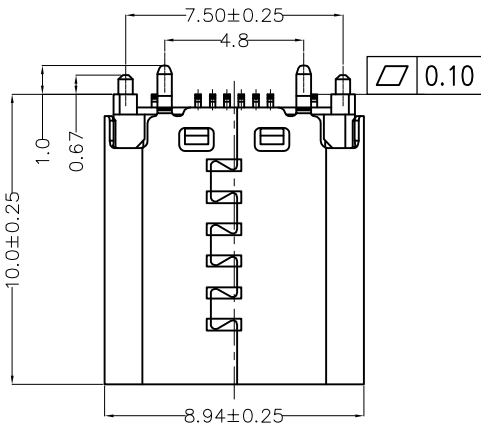


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



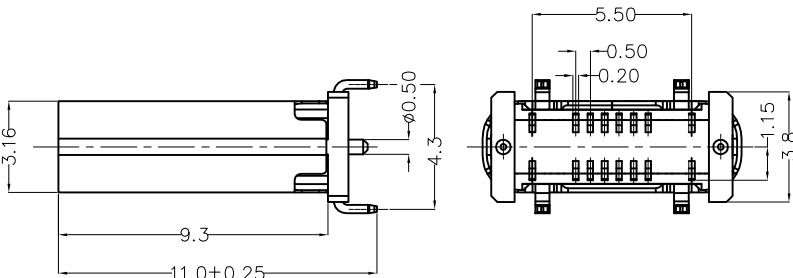
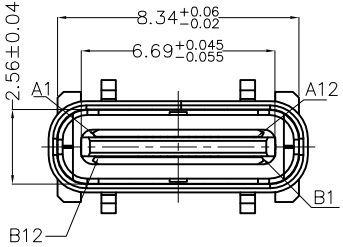
**SPECIFICATIONS**

**Electrical**  
 Current Rating: 5.0A AC(rms)/DC  
 Voltage Rating: 20V AC(rms)/DC  
 Contact Resistance: 40mΩ Max  
 Insulation Resistance: 100MΩ Min  
 Withstanding Voltage: 100V AC r.m.s

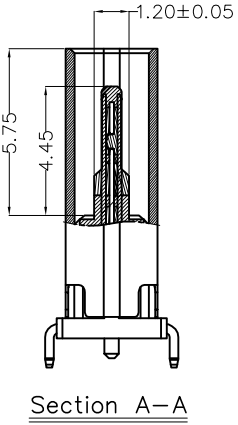
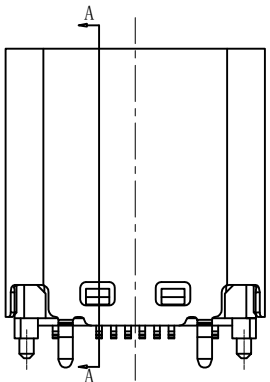
**Mechanical**  
 Mating force: 0.5–2.0KG.F  
 Retention force: 0.8–2.0KG.F  
 Durability: 10000 cycles Min.

**Environmental**  
 Operating Temperature: -40°C~+85°C

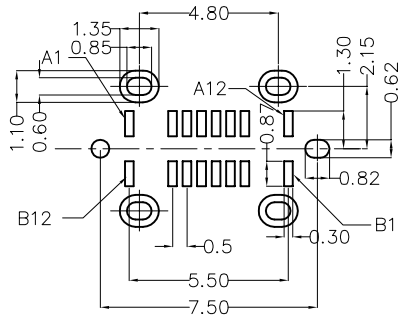
**Material and plating**  
 Housing: LCP (UL 94V-0), Black  
 Contacts: Copper Alloy/Gold plated  
 Shell: Stainless steel/Nikel plated



Part No.	Plating
FUS6103-FSSBKMA	Gold 0.025μm plated over all
FUS6103-FSSBKMB	Gold 0.075μm plated on contact and Gold 0.025μm Plated on tai



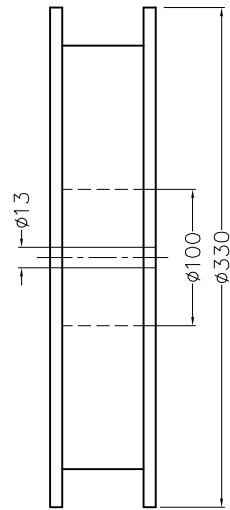
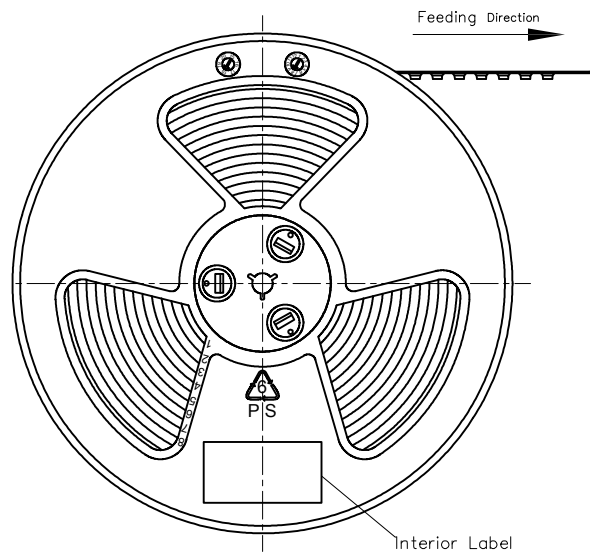
Circuits	A	Circuits	B
A1	GND	B12	GND
A2	-	B11	-
A3	-	B10	-
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	-	B3	-
A11	-	B2	-
A12	GND	B1	GND



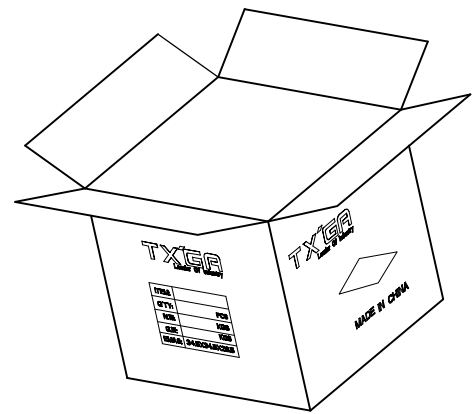
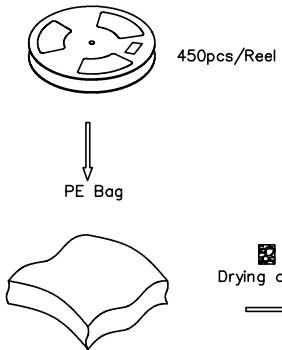
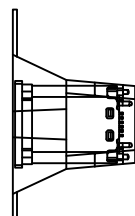
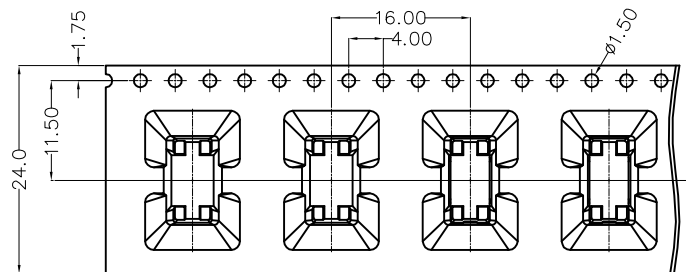
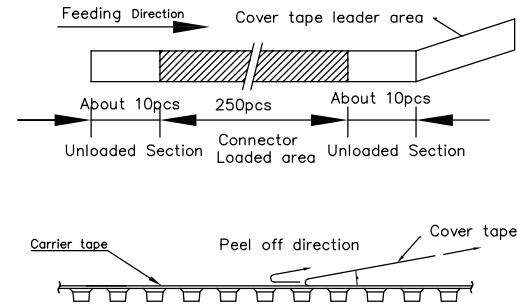
Recommended P.C.Board Layout  
 General tolerances ±0.05mm

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 13/SEP/22	PART NO. FUS6103-FSSBKMX	ITEM NO. FUS6103	<p>Leader Of Industry</p>		
	DESIGN UNITS (metric)	X.±0.30	X.±5°	CHECKED BY CHERRY	DATE 13/SEP/22	TITLE USB C-type 180° Vertical Female(SMT)(3.1)			
	SCALE 5:1	SIZE A4	X.XX±0.15	.XX±1°	DRAWN BY MATT	DATE 13/SEP/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	REV 0	SHEET NO. 1/2

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Note:  
 1.10 sprocket hole cumulative tolerance $\pm 0.2$   
 2.Carrier camber is within 1.0mm in 250mm  
 3.Material: Clear conductive polystyrene Alloy 100% recyclable  
 4.All dimensions meet EIA-481-3 requirements  
 5.Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)  
 6.Component load per 13" reel: 250 pcs



Feeding Direction

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 13/SEP/22	PART NO. FUS6103-FSSBKMx	ITEM NO. FUS6103	 Leader Of Industry	
	X. $\pm 0.30$	X. $\pm 5^{\circ}$	CHECKED BY CHERRY	DATE 13/SEP/22	TITLE USB C-type 180° Vertical Female(SMT)(3.1)			
DESIGN UNITS (metric)	X.X $\pm 0.20$	.X $\pm 2^{\circ}$	DRAWN BY MATT	DATE 13/SEP/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 0	SHEET NO. 2/2
SCALE 5:1	SIZE A4	X.XX $\pm 0.15$						
		X.XXX $\pm 0.10$						