

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

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

Mechanical

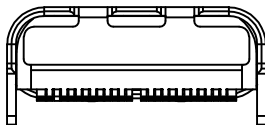
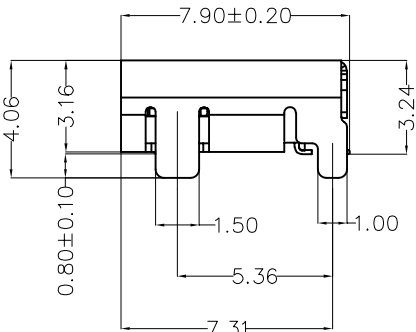
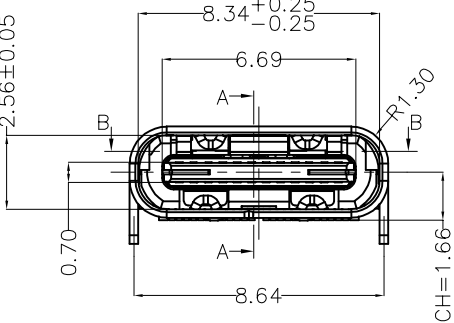
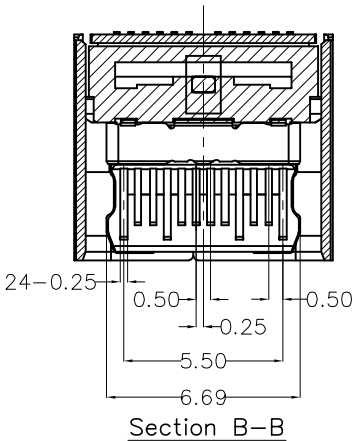
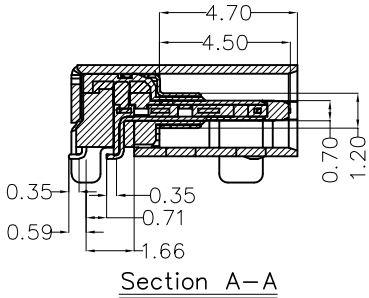
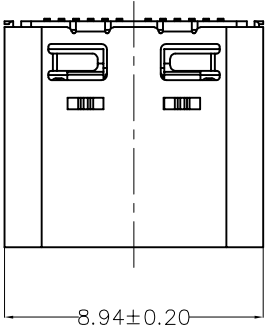
Mating force: 0.5–2.0KG.F
Retention force: 0.8–2.0KG.F
Durability: 10000 cycles Min.

Environmental

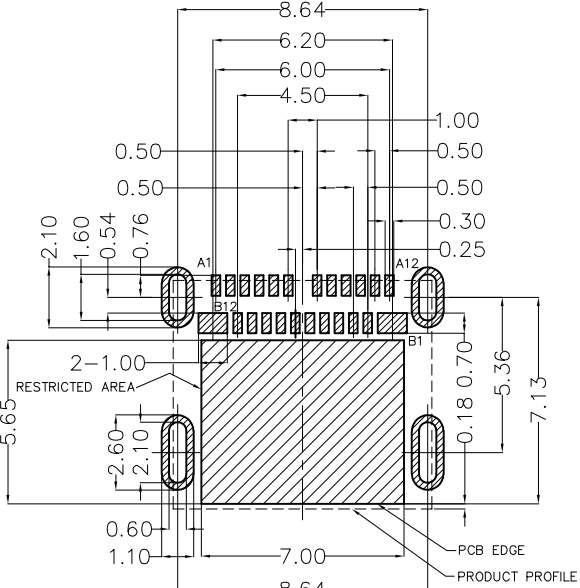
Operating Temperature: -25°C~+85°C

Material and plating

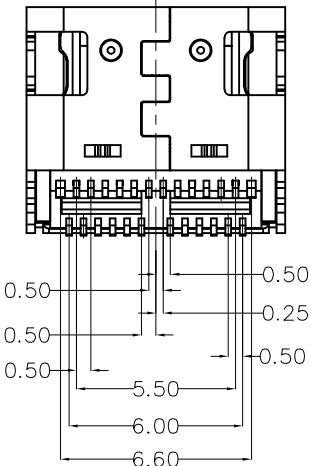
Housing: LCP (UL 94V-0), Black
Contacts: Copper Alloy/Gold plated
Shell: Stainless steel/Nikel plated



Circuits	A	Circuits	B
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
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	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



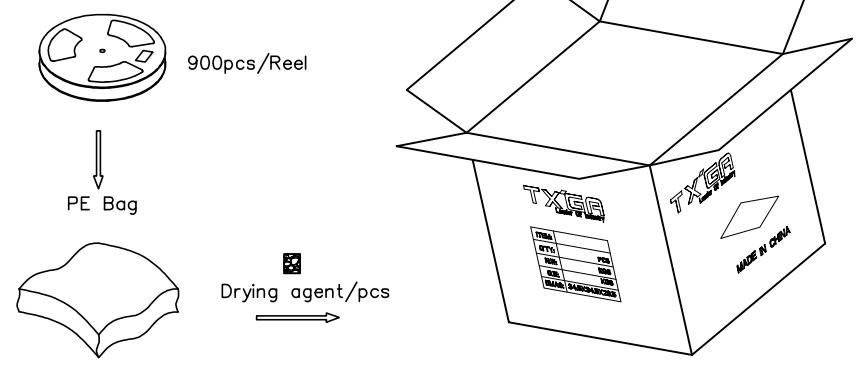
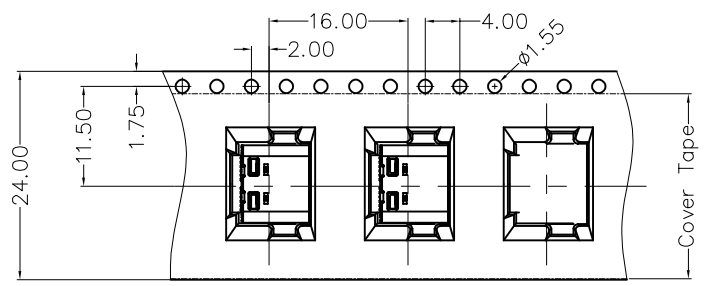
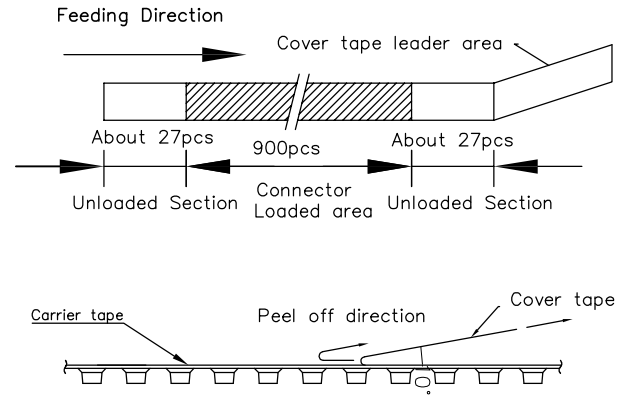
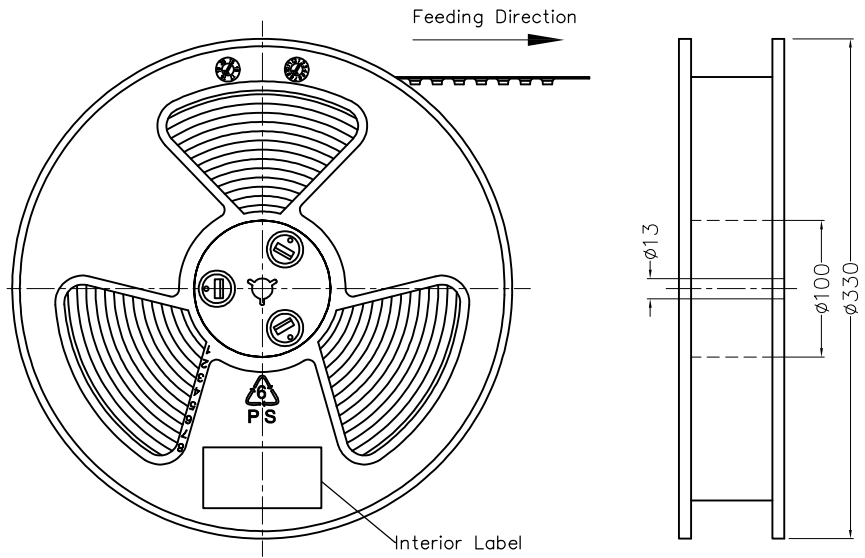
Recommended P.C.Board Layout
General tolerances ±0.05mm



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 13/SEP/22	PART NO. FUS691-FSBBKM	ITEM NO. FUS691	<p>Leader Of Industry</p>	
	X.±0.30	X.±5°	CHECKED BY CHERRY	DATE 13/SEP/22	TITLE USB C-type 90° Angle Female(SMT)(3.1)			REV 0
	DESIGN UNITS (metric)	X.XX±0.15	.XX'±1°	DRAWN BY QING	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		
	SCALE 5:1	SIZE A4	X.XXX±0.10	.XXX'±0.5°				

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- Note:
- 1.10 sprocket hole cumulative tolerance ± 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: 900 pcs



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SCALE 5:1	SIZE A4	X.XX ± 0.15	.XX $\pm 1^{\circ}$	DRAWN BY QING	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	
		X.XXX ± 0.10	.XXX $\pm 0.5^{\circ}$			REV 0	SHEET NO. 2/2