

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**

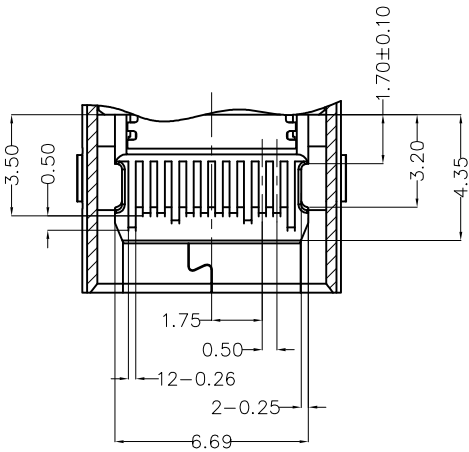
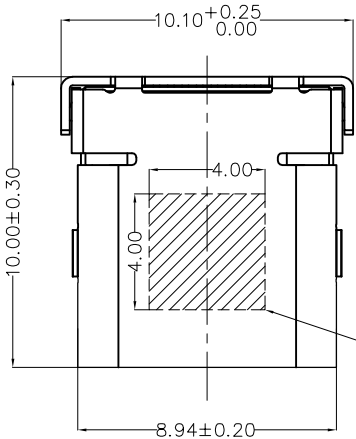
Mating force: 0.5–2.0KG.F  
Retention force: 0.8–2.0KG.F  
Durability: 10000 cycles Min.

**Environmental**

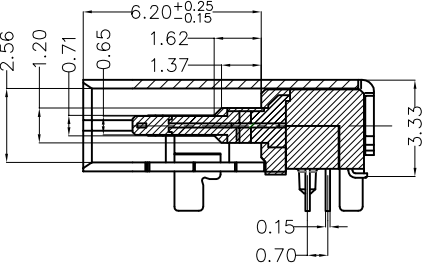
Operating Temperature: -55°C~+80°C

**Material and plating**

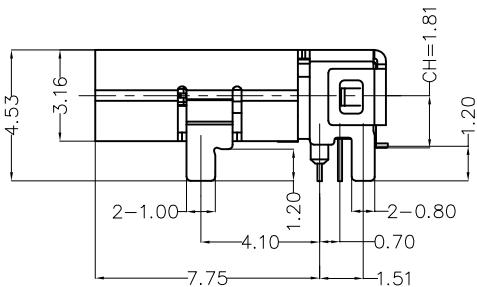
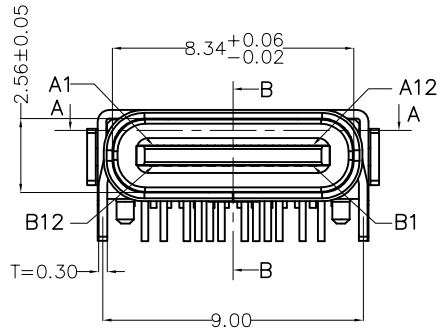
Housing: LCP (UL 94V-0), Black  
Contacts: Copper Alloy/Gold plated  
Shell: Stainless steel/Nikel plated



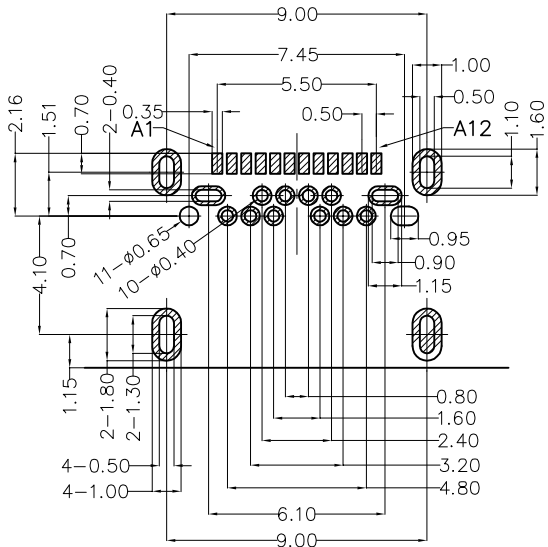
Section B-B



Section A-A

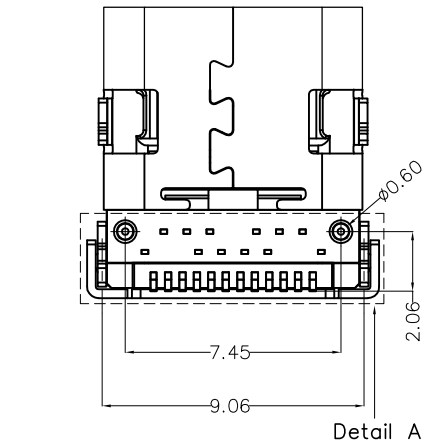


Circuits	A	Circuits	B
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND

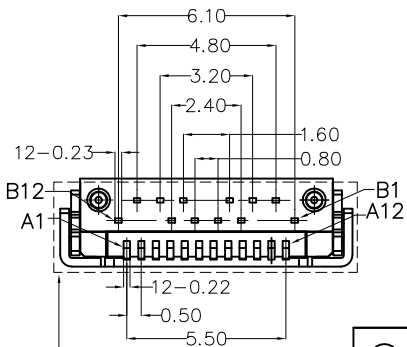


Recommended P.C.Board Layout

General tolerances ±0.05mm



Detail A



Detail A



THIRD ANGLE PROJECTION

GENERAL TOLERANCES (UNLESS SPECIFIED)

X.±0.30	.X'±5'
X.X±0.20	.X'±2'
X.XX±0.15	.XX'±1'
X.XXX±0.10	.XXX'±0.5'

APPROVE BY

FRANK

CHECKED BY

CHERRY

DRAWN BY

QING

DATE

13/SEP/22

DATE

13/SEP/22

DATE

13/SEP/22

PART NO.

FUS690-FSBBKM

ITEM NO.

FUS690

TITLE

USB C-type  
90° Angle Female(Hybrid solder)



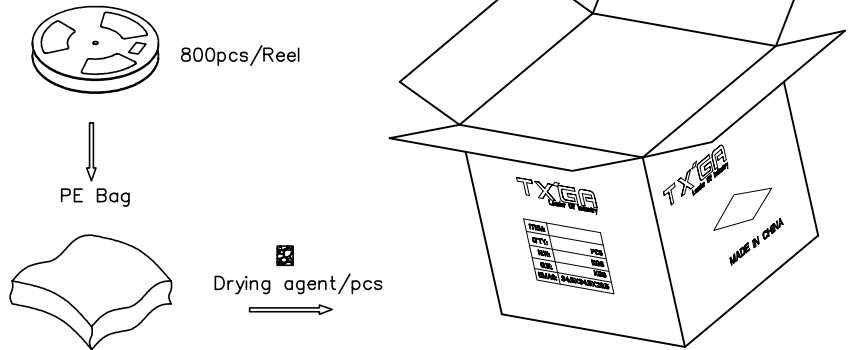
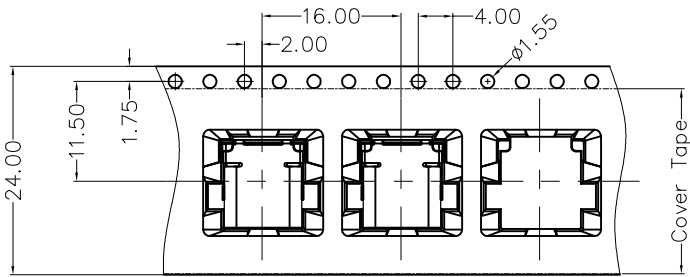
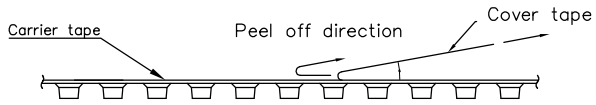
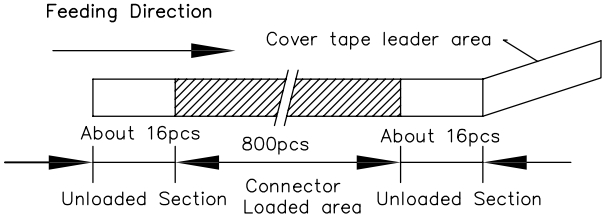
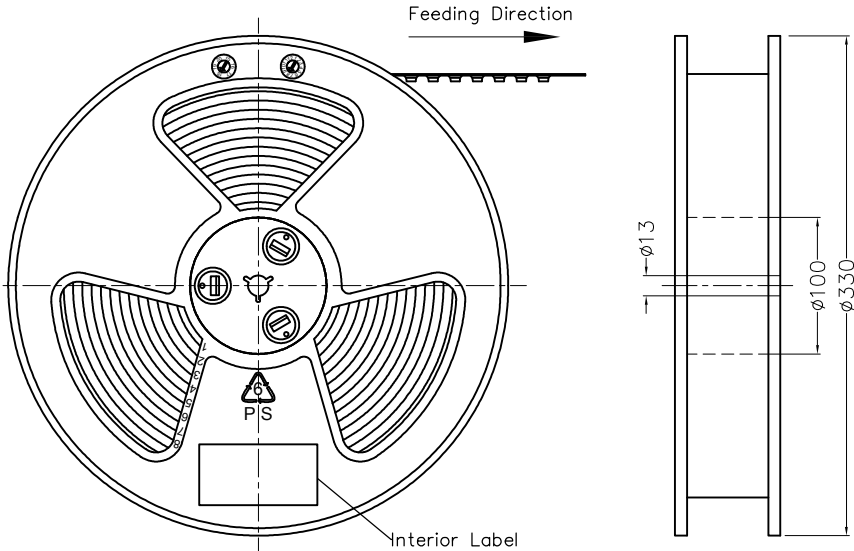
REV 0

SHEET NO. 1/2

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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: 800 pcs



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry	
	X.±0.30	X'.±5'	FRANK	13/SEP/22	FUS690-FSBBKM	FUS690		
	DESIGN UNITS (metric)		CHECKED BY	DATE	TITLE			REV 0
	X.X±0.20	.X'±2'	CHERRY	13/SEP/22	USB C-type 90° Angle Female(Hybrid solder)			
SCALE	SIZE	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		SHEET NO. 2/2	
5:1	A4	QING		13/SEP/22				