

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

Current Rating: 5.0A AC(rms)/DC
Voltage Rating: 5V AC(rms)/DC
Contact Resistance: 40 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 500V AC r.m.s
Operating Temperature: -40°C~+85°C

Mechanical

Durability:10,000 cycles Min.

Mating force:0.5-2.0KG.F

Retention force:0.8-2.0KG.F

Material and plating

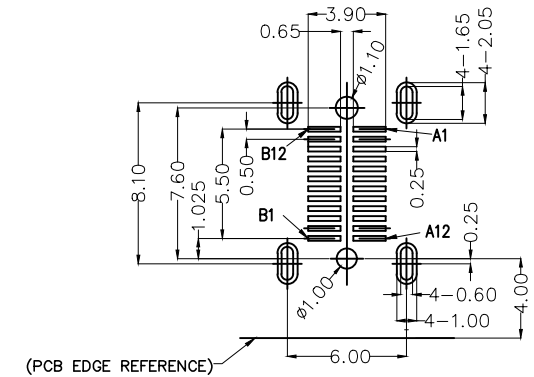
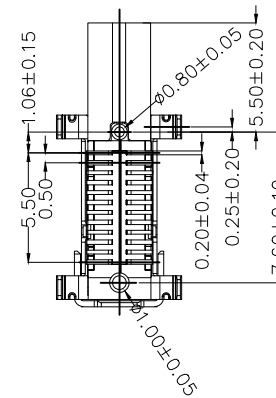
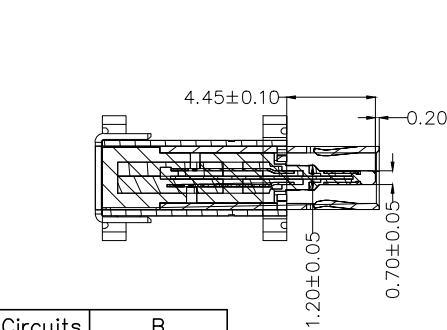
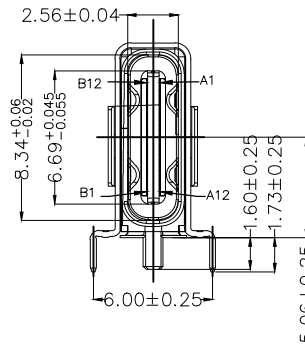
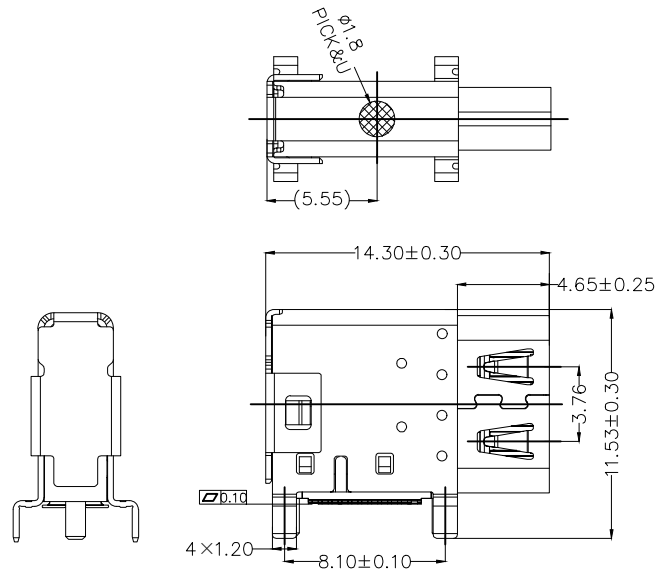
Housing: LCP (UL 94V-0), Black

Contacts: Copper Alloy/1μ" Gold Plated

on contact and G/F Plated on tail

Shell: Stainless steel/Nickel Plated

Latch: Stainless steel/Nickel Plated



Recommended P.C.Board Layout

General tolerances ±0.05mm

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	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A10	RX2-	B3	TX2-
A11	RX2+	B2	TX2+
A12	GND	B1	GND

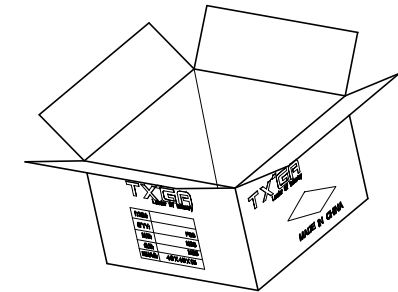
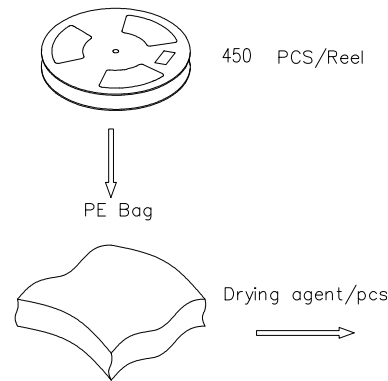
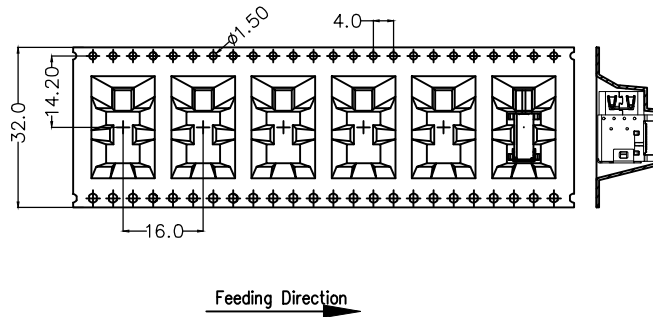
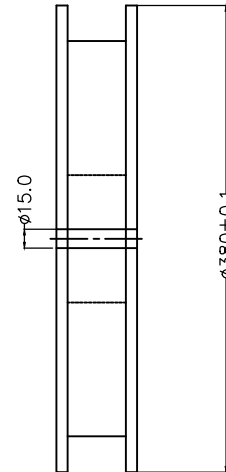
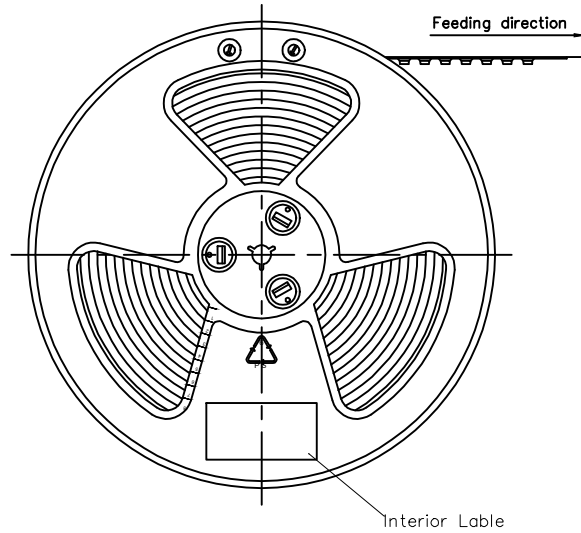
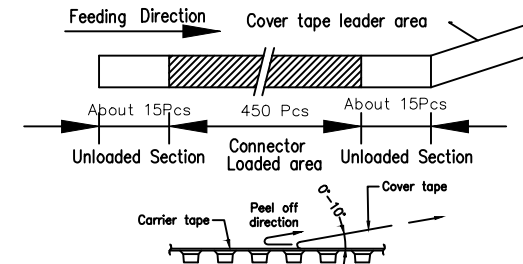
 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 25/APR/23	PART NO. FUS6201-FSBBKM	ITEM NO. FUS6201	 Building Technology Cornerstone	
		X.±0.30	X.'±5'	CHECKED BY GISELLE	DATE 25/APR/23	TITLE USB C-type 90° Angle Female(SMT)			
DESIGN UNITS Metric		X.X±0.20	X.'±2'	DRAWN BY NICK	DATE 25/APR/23			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
		X.XX±0.15	X.X'±1'						
SCALE 5:1	SIZE A4	X.XXX±0.10	X.XX'±0.5'					REV 0	SHEET NO. 1/2

1 2 3 4 5 6 7 8

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Note:

1. 10 sprocket hole cumulative tolerance ± 0.2
2. Carrier camber is within 1.0mm in 100mm
3. Material: White Conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA-481-3 requirements
5. Component load per 15" reel: 450pcs



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