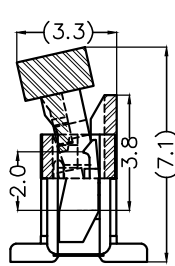
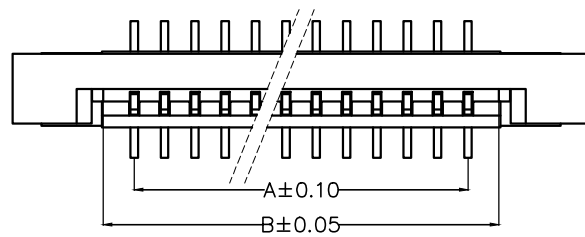


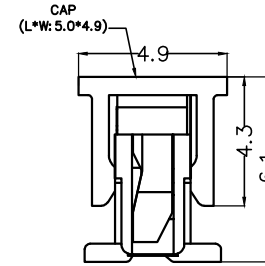
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A



SECTION A-A



WITH CAP

SPECIFICATIONS

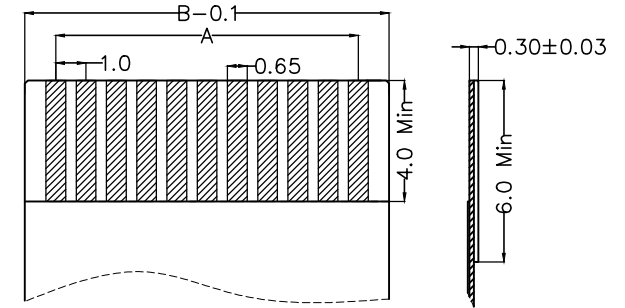
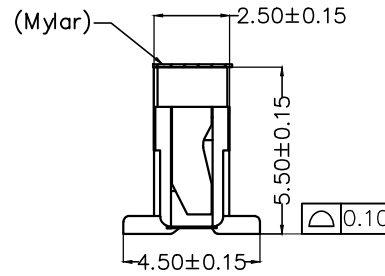
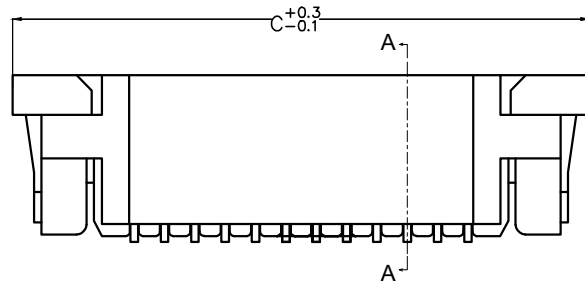
Electrical

Current Rating: 1A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 500 MΩ MIN
Withstanding Voltage: 250V AC r.m.s
Temperature Range—Operating: -40°C~+105°C

Material

Housing: LCP (UL94V-0) Natural
Actuator: LCP (UL94V-0) Black
Terminal: Copper Alloy/Tin Plated

B

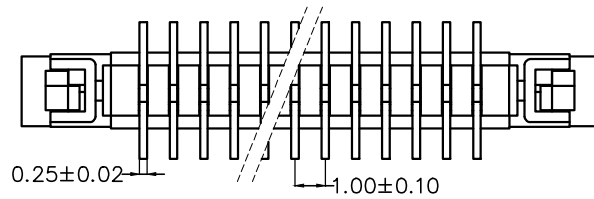


Applicable FFC
Recommended Dimension

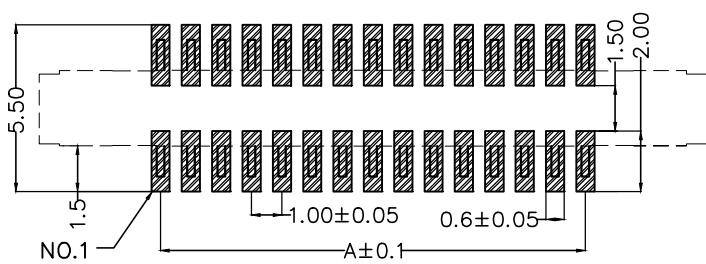
General tolerances: ±0.05

C

D



E



Recommended P.C.Board Layout

TOLERANCES: ±0.05

F

Ordering Information

FFC	100	66	—	XX	S	S	A	1	8	3	NA	M
1	2	3	4	5	6	7	8	9	10	11	12	

1 Category FFC-FPC	2 Series Number 100-Pitch 1.00mm	3 Distinction No. 66	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle S-180° Vertical
7 Contact Position A-Positive Needle	8 ZIF 1-ZIF	9 Plating 8-Tin Plated	10 Material-Resin 3-LCP	11 Color-Resin NA-Housing: Natural, Actuator: Black	12 Packaging M-Reel(With Cap)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Oct/24	PART NO. FFC10066-XXSSA183NAM	ITEM NO. FFC10066	 Building Technology Cornerstone			
				CHECKED BY GISELLE	DATE 26/Oct/24	TITLE FPC/FFC Connector 1.00mm Positive Needle SMT					
DESIGN UNITS METRIC		X. ±0.30	X.* ±5°	DRAWN BY NICK	DATE 26/Oct/24			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.X ±0.20	X.X* ±2°								
SCALE 5:1		SIZE A4		X.XX ±0.15	X.XX* ±1°	REV 0				SHEET NO. 1/3	
				X.XXX ±0.10	X.XXX* ±0.5°						

1 2 3 4 5 6 7 8

1					2					3					4					5					6					7					8				

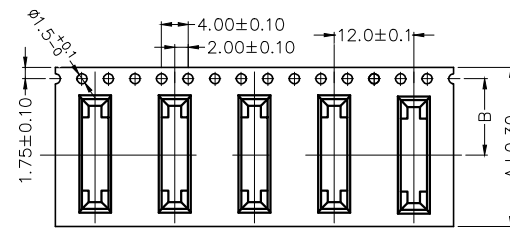
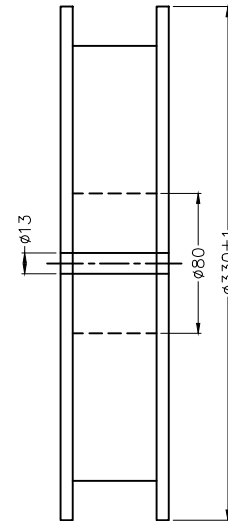
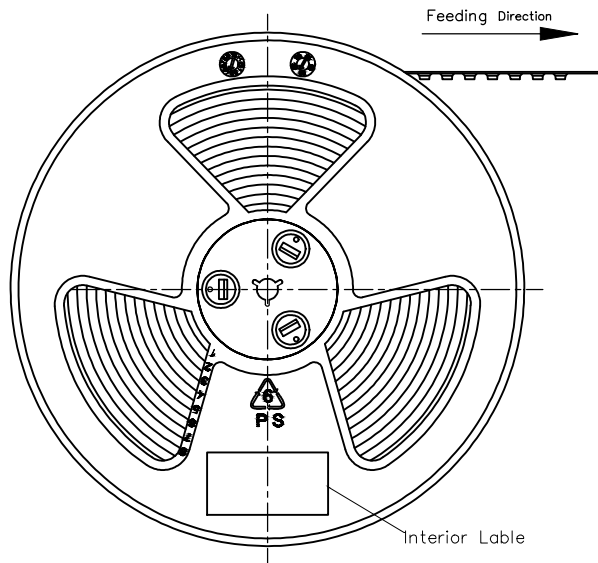
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Note:

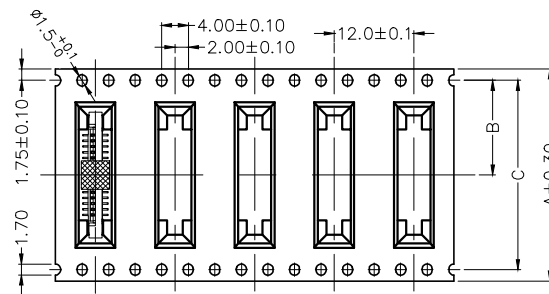
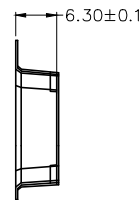
1. 10 sprocket hole cumulative tolerance ± 0.2
2. Carrier camber is within 1.0mm in 250mm
3. Material: Black Conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA-481-3 requirements
5. Peel off force of cover tape&carrier tape: 20g~130g(0.2N~1.3N)
6. Component load per 13" reel: 900 pcs

Circuits (n)	Dimensions(mm)			PCS/REEL
	A	B	C	
4~7	24.00	11.50	—	900/10
8~14	32.00	14.20	28.40	900/8
15~27	44.00	20.20	40.40	900/6
28~36	56.00	26.20	52.40	900/5
40	72.00	34.20	68.40	900/4



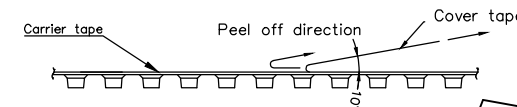
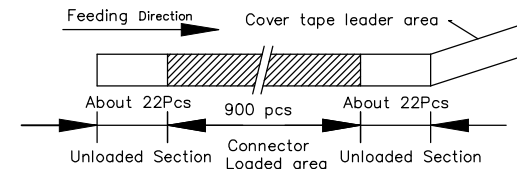
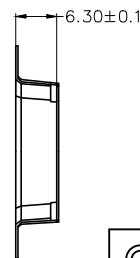
Circuits: 4-7

Feeding Direction

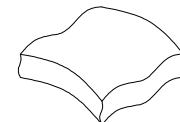


Circuits: 8~40

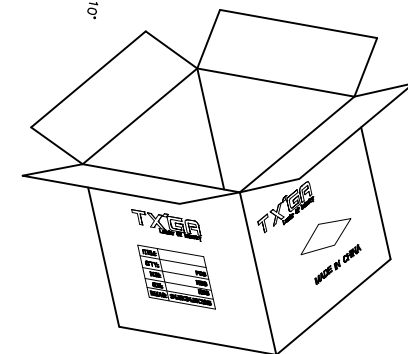
Feeding Direction



PE Bag



Drying agent/pcs



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Oct/24	PART NO. FFC10066--XXSSA183NAM	ITEM NO. FFC10066	 Building Technology Cornerstone	
		X. ± 0.30	X.* $\pm 5^{\circ}$	CHECKED BY	DATE	TITLE FPC/FFC Connector 1.00mm Positive Needle SMT			
DESIGN UNITS METRIC		X.X ± 0.20	X.X* $\pm 2^{\circ}$	GISELLE	26/Oct/24			REV 0	
		X.XX ± 0.15	X.XX* $\pm 1^{\circ}$	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX ± 0.10	X.XXX* $\pm 0.5^{\circ}$	NICK	26/Oct/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

1 2 3 4 5 6 7 8