

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

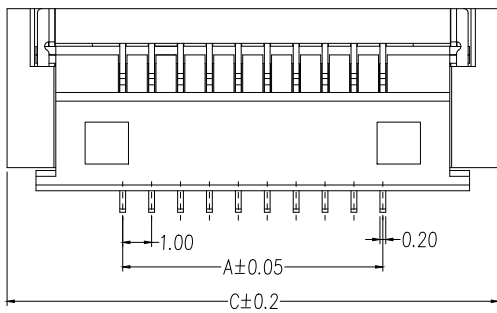
Electrical

Current Rating: 0.5A
 Voltage Rating: 50V AC
 Contact Resistance: $\leq 20\text{m}\Omega$ (Initial) per contact,
 $\leq 40\text{m}\Omega$ Change allowed.
 Insulation Resistance: 100 M Ω MIN
 Withstanding Voltage: 500V AC
 Temperature Range—Operating: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

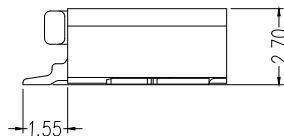
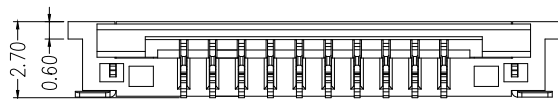
Material

Housing: LCP (UL94V-0), Natural
 Terminal: Copper Alloy, Gold plated on contact area and solder area, nickel under plated overall
 Solder Tab: Copper Alloy, Tin-Plated
 Actuator: LCP (UL94V-0), Black

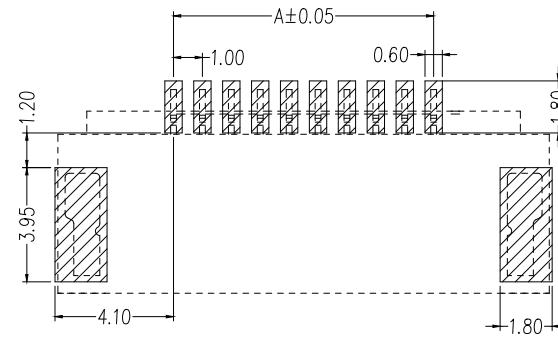
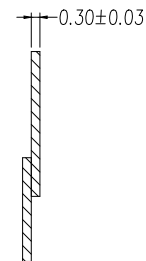
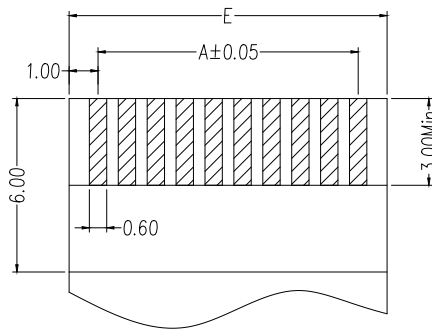
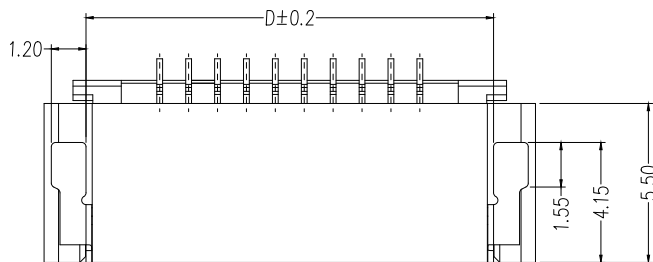
A



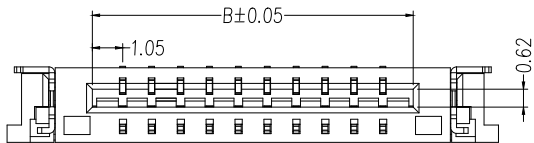
B



C



D



Recommended Flat Cable Size

Recommended P.C.Board Layout

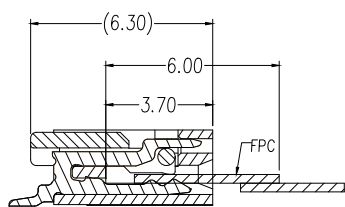
E

Ordering Information

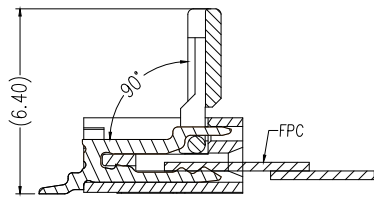
FFC 100 61 — XX S B B 1 1 3 NA M
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFC-FPC	2 Series Number 100-Pitch1.00mm	3 Distinction No. 61	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B-90° Angle
7 Contact Position B-Bottom contact	8 ZIF 1-ZIF	9 Plating 1-Gold Plated	10 Material-Resin 3-LCP	11 Color-Resin NA-Housing: Natural, Actuator: Black	12 Packaging M-Reel

F



Locked Position



Unlocked Position

 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 09/OCT/21	PART NO. FFC10061-XXSBB113NAM	ITEM NO. FFC10061	 Building Technology Cornerstone REV 0 SHEET NO. 1/3
	X.X ±0.30	X.* ±5'	CHECKED BY GISELLE	DATE 09/OCT/21	TITLE FPC/FFC Connector 1.00mm Bottom Contact SMT		
	X.XX ±0.15	X.XX' ±1'	DRAWN BY PYD	DATE 09/OCT/21	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	X.XXX' ±0.5'					

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part NO.	Dimensions				
		A	B	C	D	E
4	FFC10061-04SBB113NAM	3.00	5.10	11.00	8.10	5.00
5	FFC10061-05SBB113NAM	4.00	6.10	12.00	9.10	6.00
6	FFC10061-06SBB113NAM	5.00	7.10	13.00	10.10	7.00
7	FFC10061-07SBB113NAM	6.00	8.10	14.00	11.10	8.00
8	FFC10061-08SBB113NAM	7.00	9.10	15.00	12.10	9.00
9	FFC10061-09SBB113NAM	8.00	10.10	16.00	13.10	10.00
10	FFC10061-10SBB113NAM	9.00	11.10	17.00	14.10	11.00
11	FFC10061-11SBB113NAM	10.00	12.10	18.00	15.10	12.00
12	FFC10061-12SBB113NAM	11.00	13.10	19.00	16.10	13.00
13	FFC10061-13SBB113NAM	12.00	14.10	20.00	17.10	14.00
14	FFC10061-14SBB113NAM	13.00	15.10	21.00	18.10	15.00
15	FFC10061-15SBB113NAM	14.00	16.10	22.00	19.10	16.00
16	FFC10061-16SBB113NAM	15.00	17.10	23.00	20.10	17.00
17	FFC10061-17SBB113NAM	16.00	18.10	24.00	21.10	18.00
18	FFC10061-18SBB113NAM	17.00	19.10	25.00	22.10	19.00
19	FFC10061-19SBB113NAM	18.00	20.10	26.00	23.10	20.00
20	FFC10061-20SBB113NAM	19.00	21.10	27.00	24.10	21.00
21	FFC10061-21SBB113NAM	20.00	22.10	28.00	25.10	22.00
22	FFC10061-22SBB113NAM	21.00	23.10	29.00	26.10	23.00
23	FFC10061-23SBB113NAM	22.00	24.10	30.00	27.10	24.00
24	FFC10061-24SBB113NAM	23.00	25.10	31.00	28.10	25.00
25	FFC10061-25SBB113NAM	24.00	26.10	32.00	29.10	26.00
26	FFC10061-26SBB113NAM	25.00	27.10	33.00	30.10	27.00
27	FFC10061-27SBB113NAM	26.00	28.10	34.00	31.10	28.00
28	FFC10061-28SBB113NAM	27.00	29.10	35.00	32.10	29.00
29	FFC10061-29SBB113NAM	28.00	30.10	36.00	33.10	30.00
30	FFC10061-30SBB113NAM	29.00	31.10	37.00	34.10	31.00
31	FFC10061-31SBB113NAM	30.00	32.10	38.00	35.10	32.00
32	FFC10061-32SBB113NAM	31.00	33.10	39.00	36.10	33.00
33	FFC10061-33SBB113NAM	32.00	34.10	40.00	37.10	34.00
34	FFC10061-34SBB113NAM	33.00	35.10	41.00	38.10	35.00
35	FFC10061-35SBB113NAM	34.00	36.10	42.00	39.10	36.00

A

B

C

D

E

F

A



B

C

D

E

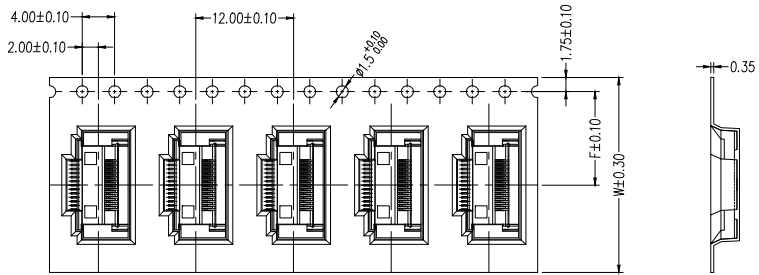
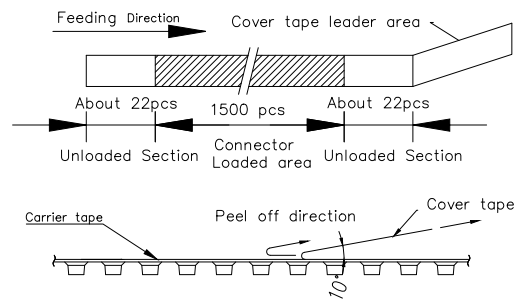
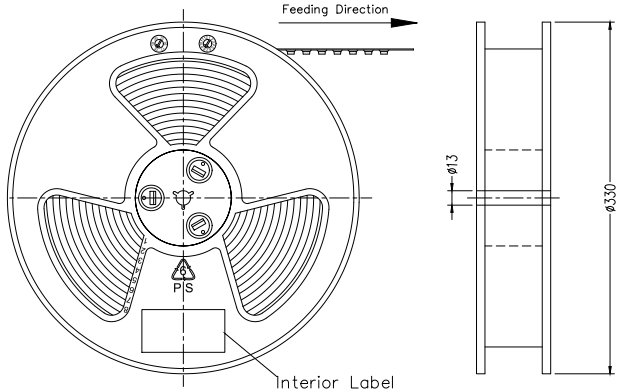
F

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 09/OCT/21	PART NO. FFC05045-XXSBB113NAM	ITEM NO. FFC10061	 Building Technology Cornerstone	
	X. ±0.30	X.* ±5*	CHECKED BY GISELLE	DATE 09/OCT/21	TITLE FPC/FFC Connector 1.00mm Bottom Contact SMT			REV 0
	DESIGN UNITS mm	X.XX ±0.20	X.XX* ±2*	DRAWN BY PYD	DATE 09/OCT/21	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	X.XXX* ±0.5*				

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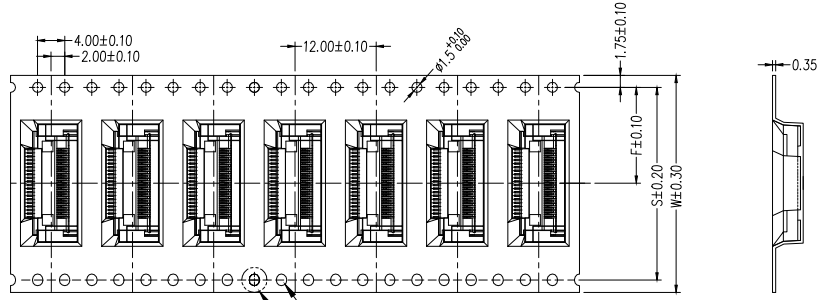
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

- 10 sprocket hole cumulative tolerance±0.2
- Carrier camber is within 1.0mm in 250mm
- Material: Clear conductive polystyrene Alloy 100% recyclable
- All dimensions meet EIA-481-3 requirements
- Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
- Component load per 13" reel: 1500 pcs

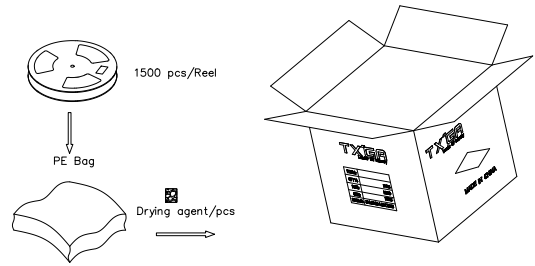


Circuits (n)	Dimensions		
	W	S	F
4~9	24	—	11.5
10~14	32	28.4	14.2
15~26	44	40.4	20.2
27~35	56	52.4	26.2

Circuits: 4~9 Feeding Direction



Circuits: 10~35 Feeding Direction



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>
	X. ±0.30	X.* ±5'	CHECKED BY	DATE	FFC05045-XXSBB113NAM	FFC10061	
	DESIGN UNITS	X.X ±0.20	X.XX ±2'	DATE			
	mm	X.XX ±0.15	X.XX* ±1'	DATE	FPC/FFC Connector 1.00mm Bottom Contact SMT		
SCALE	SIZE	X.XXX ±0.10	X.XXX* ±0.5'	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	
5:1	A4			PYD	09/OCT/21	REV 0	SHEET NO. 3/3