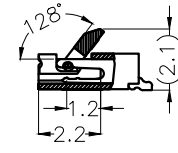
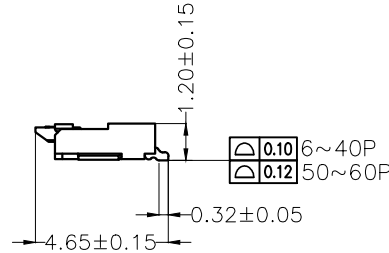
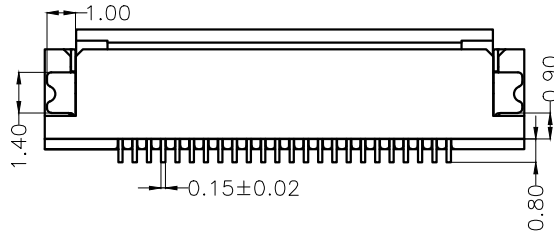
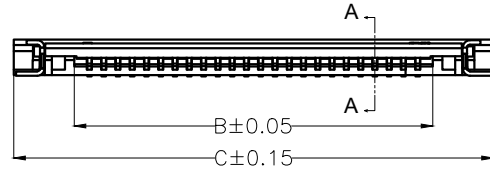
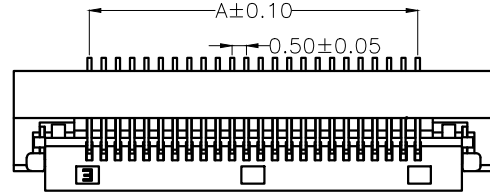
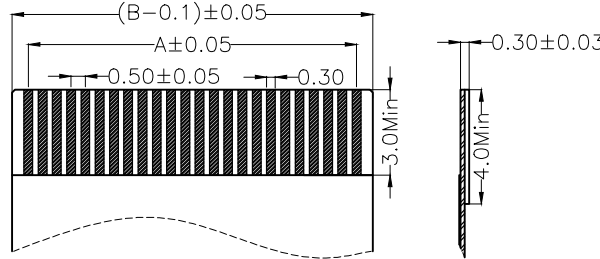


1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SECTION A-A



Applicable FFC
Recommended Dimension

SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 500 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range-Operating: -40°C~+105°C

Material and Plating

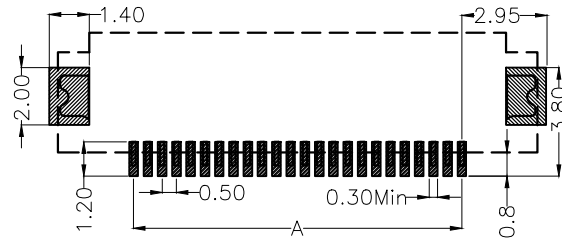
Housing: LCP (UL94V-0) Natural
Actuator: LCP (UL94V-0) Black
Terminal: Copper Alloy/Tin Plated
PEG: Copper Alloy/ Tin Plated

Circuits (n)	Part NO.	Dimensions		
		A	B	C
6	FFC05051-06SBB123NAM	2.50	3.55	7.80
8	FFC05051-08SBB123NAM	3.50	4.55	8.80
10	FFC05051-10SBB123NAM	4.50	5.55	9.80
12	FFC05051-12SBB123NAM	5.50	6.55	10.80
13	FFC05051-13SBB123NAM	6.00	7.05	11.30
20	FFC05051-20SBB123NAM	9.50	10.55	14.80
22	FFC05051-22SBB123NAM	10.50	11.55	15.80
24	FFC05051-24SBB123NAM	11.50	12.55	16.80
26	FFC05051-26SBB123NAM	12.50	13.55	17.80
28	FFC05051-28SBB123NAM	13.50	14.55	18.80
30	FFC05051-30SBB123NAM	14.50	15.55	19.80
40	FFC05051-40SBB123NAM	19.50	20.55	24.80
50	FFC05051-50SBB123NAM	24.50	25.55	29.80
60	FFC05051-60SBB123NAM	29.50	30.55	34.80

Ordering Information

FFC 050 51 — XX S B B 1 2 3 NA M
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFC-FPC	2 Series Number 050-Pitch0.50mm	3 Distinction No. 51	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 2-Tin-Plated	10 Material-Resin 3-LCP	11 Color-Resin NA-Housing: Natural, Actuator: Black	12 Packaging M-Reel



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

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 25/Jul/24	PART NO. FFC05051-XXSBB123NAM	ITEM NO. FFC05051	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE FPC/FFC Connector 0.50mm Bottom contact SMT			
DESIGN UNITS METRIC		X.X ±0.20	X.X* ±2°	GISELLE	25/Jul/24				
		X.XX ±0.15	X.XX* ±1°	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			
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX* ±0.5°	NICK	25/Jul/24				

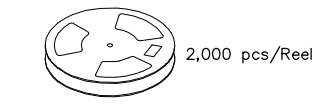
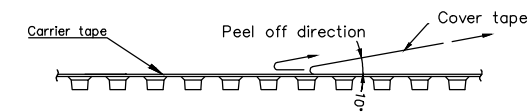
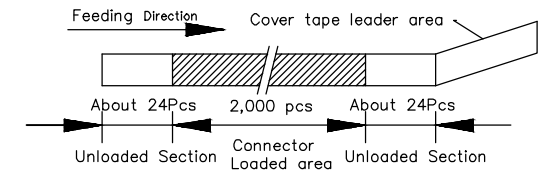
1 2 3 4 5 6 7 8

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: White 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: 2000 pcs

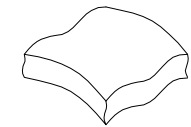
Circuits (n)	Dimensions(mm)		
	A	B	C
6	16.0	7.5	—
8~24	24.0	11.5	—
26~30	32.0	14.25	28.50
40~50	44.0	20.25	40.50
60	56.0	26.25	52.50



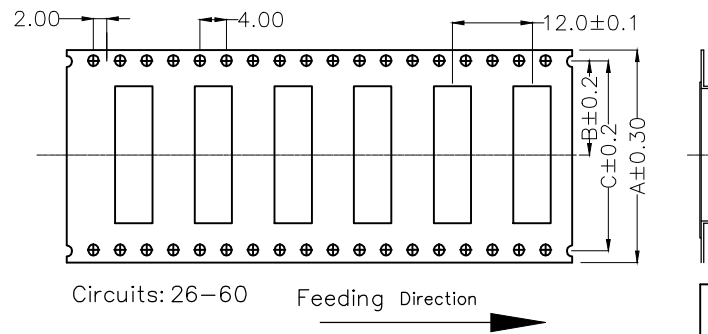
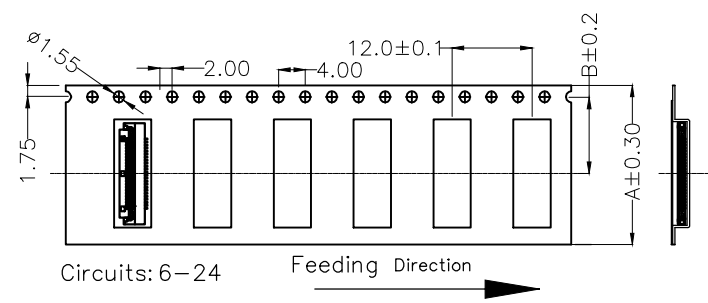
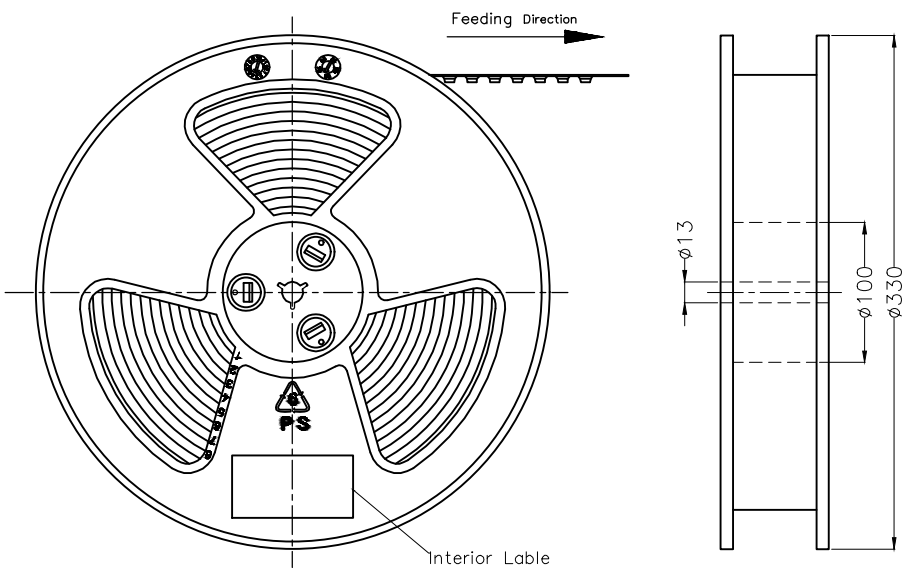
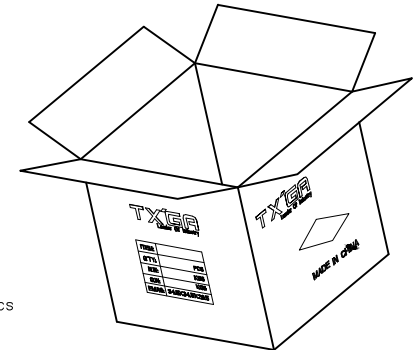
2,000 pcs/Reel



PE Bag



Drying agent/pcs



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
				LEO	25/Jul/24	FFC05051-XXSBB123NAM	FFC05051		
DESIGN UNITS METRIC		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE FPC/FFC Connector 0.50mm Bottom contact SMT		REV 0 SHEET NO. 2/2	
		X.X ±0.20	X.X* ±2°	GISELLE	25/Jul/24				
SCALE	SIZE	X.XX ±0.15	X.XX* ±1°	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	X.XXX ±0.10	X.XXX* ±0.5°	NICK	25/Jul/24				