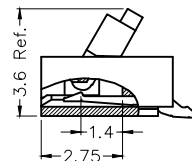
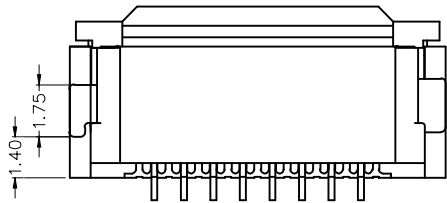
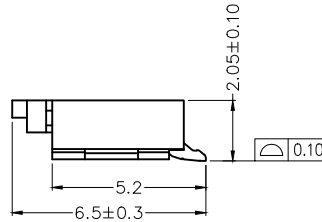
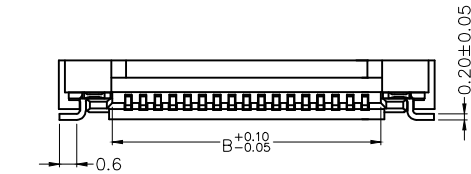
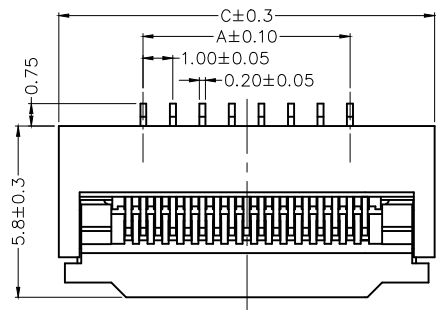


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Add packaging specifications	03/SEP/20	KATE	CHERRY



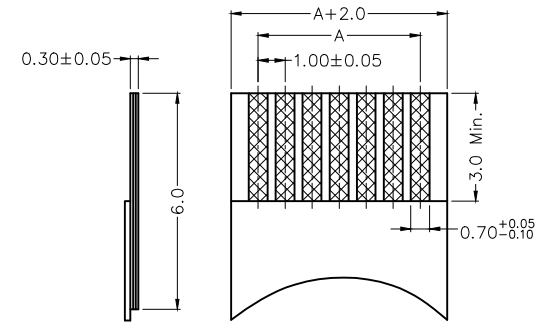
SPECIFICATIONS

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: -25°C~+85°C

Material and Plating

Housing: LCP (UL94V-0) Natural
 Terminal: Phosphor Bronze/ Tin Plated Over Nickel
 Actuator: Thermoplastic (UL94V-0) Black

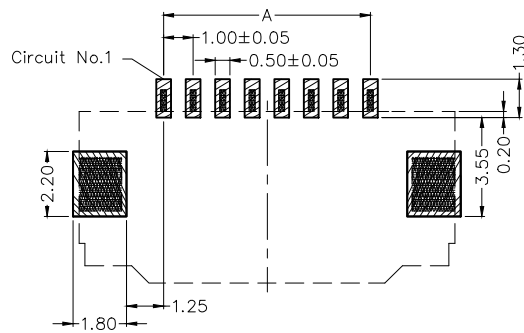


Applicable FFC Recommended Dimension

Ordering Information

FFC 100 54 — XX S B B 1 2 3 W5 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. 54	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B-90° Angle
7 Contact Position B-Bottom	8 ZIF 1-ZIF	9 Plating 2-Tin Plated All	10 Material-Resin 3-LCP	11 Color-Resin W5-Housing:Natural, Actuator:Black	12 Packaging M-Reel



Recommended P.C.Board Layout

General Tolerances: ±0.05

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/APR/20	PART NO. FFC10054-XXSBB123W5M	ITEM NO. FFC10054	<p>Leader Of Industry</p>	
	X. ±0.30	X.' ±5'	CHECKED BY CHERRY	DATE 10/APR/20	TITLE FPC/FFC Connector 1.00mm Bottom Contact SMT			
DESIGN UNITS Metric	X.X ±0.20	X.X' ±2'	DRAWN BY KATE	DATE 10/APR/20	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 1	SHEET NO. 1/3
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'					
		X.XXX ±0.10	X.XXX' ±0.5'					

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B



C

D

E

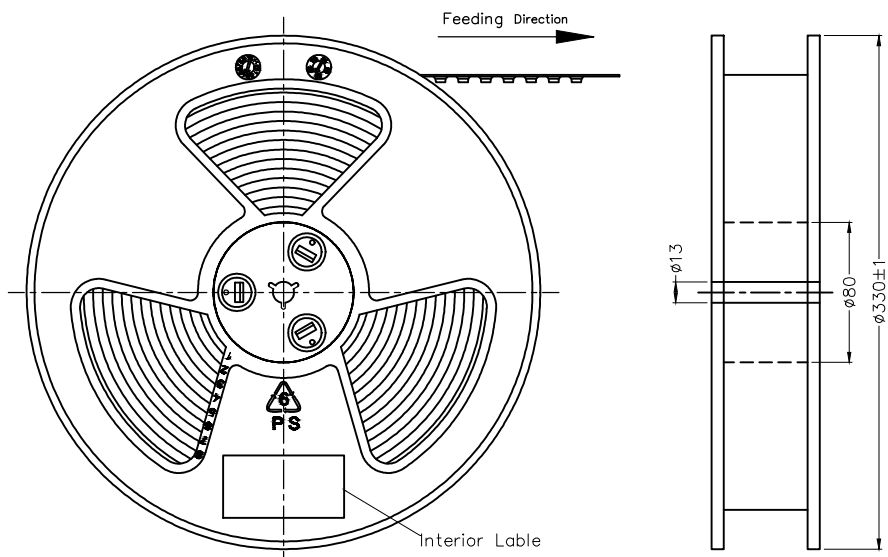
F

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
3	FFC10054-03SBB123W5M	2.00	4.06	7.70
4	FFC10054-04SBB123W5M	3.00	5.06	8.70
5	FFC10054-05SBB123W5M	4.00	6.06	9.70
6	FFC10054-06SBB123W5M	5.00	7.06	10.70
7	FFC10054-07SBB123W5M	6.00	8.06	11.70
8	FFC10054-08SBB123W5M	7.00	9.06	12.70
9	FFC10054-09SBB123W5M	8.00	10.06	13.70
10	FFC10054-10SBB123W5M	9.00	11.06	14.70
11	FFC10054-11SBB123W5M	10.00	12.06	15.70
12	FFC10054-12SBB123W5M	11.00	13.06	16.70
13	FFC10054-13SBB123W5M	12.00	14.06	17.70
14	FFC10054-14SBB123W5M	13.00	15.06	18.70
15	FFC10054-15SBB123W5M	14.00	16.06	19.70
16	FFC10054-16SBB123W5M	15.00	17.06	20.70
17	FFC10054-17SBB123W5M	16.00	18.06	21.70
18	FFC10054-18SBB123W5M	17.00	19.06	22.70
19	FFC10054-19SBB123W5M	18.00	20.06	23.70
20	FFC10054-20SBB123W5M	19.00	21.06	24.70
21	FFC10054-21SBB123W5M	20.00	22.06	25.70
22	FFC10054-22SBB123W5M	21.00	23.06	26.70
23	FFC10054-23SBB123W5M	22.00	24.06	27.70
24	FFC10054-24SBB123W5M	23.00	25.06	28.70
25	FFC10054-25SBB123W5M	24.00	26.06	29.70
26	FFC10054-26SBB123W5M	25.00	27.06	30.70
27	FFC10054-27SBB123W5M	26.00	28.06	31.70
28	FFC10054-28SBB123W5M	27.00	29.06	32.70
29	FFC10054-29SBB123W5M	28.00	30.06	33.70
30	FFC10054-30SBB123W5M	29.00	31.06	34.70

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/APR/20	PART NO. FFC10054-XXSBB123W5M	ITEM NO. FFC10054	 Leader Of Industry
	DESIGN UNITS Metric	X. ±0.30 X.X ±0.20 X.XX ±0.15 X.XXX ±0.10	X.' ±5' X.X' ±2' X.XX' ±1' X.XXX' ±0.5'	CHECKED BY CHERRY	DATE 10/APR/20	TITLE FPC/FFC Connector 1.00mm Bottom Contact SMT	
SCALE 5:1	SIZE A4	DRAWN BY KATE		DATE 10/APR/20	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 1 SHEET NO. 2/3

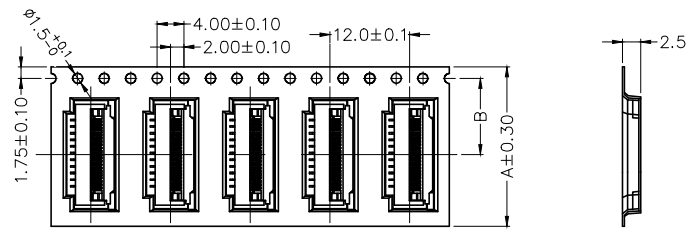
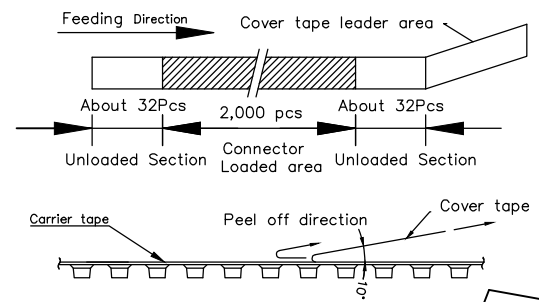
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

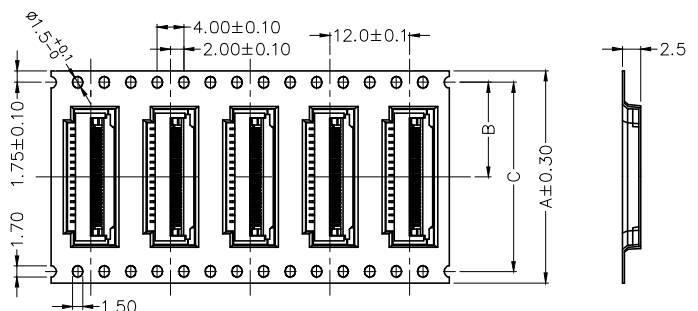


- Note:
- 10 sprocket hole cumulative tolerance ± 0.2
 - Carrier camber is within 1.0mm in 250mm
 - Material: Black Conductive polystyrene Alloy 100% recyclable
 - All dimensions meet EIA-481-3 requirements
 - Peel off force of cover tape&carrier tape: 20g~130g(0.2N~1.3N)
 - Component load per 13" reel: 2,000 pcs

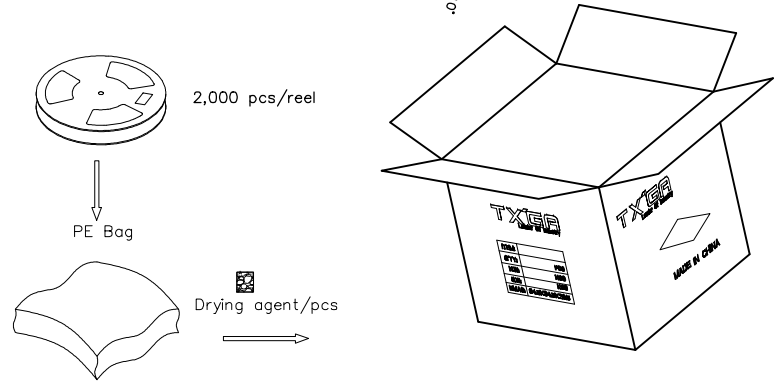
Circuits (n)	Dimensions(in/mm)		
	A	B	C
3~4	16.00	7.50	—
5~11	24.00	11.50	—
12~16	32.00	14.20	28.40
17~26	44.00	20.20	40.40
27~30	56.00	26.20	52.40



Circuits: 3-11 Feeding Direction



Circuits: 12-30 Feeding Direction



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 10/APR/20	PART NO. FFC10054-XXSBB123W5M	ITEM NO. FFC10054	 Leader Of Industry	
	X. ± 0.30	X.' $\pm 5'$	CHECKED BY CHERRY	DATE 10/APR/20	TITLE FPC/FFC Connector 1.00mm Bottom Contact SMT			
DESIGN UNITS Metric	X.X ± 0.20	X.X' $\pm 2'$	DRAWN BY KATE	DATE 10/APR/20	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 1	SHEET NO. 3/3
SCALE 5:1	SIZE A4	X.XX ± 0.15	X.XX' $\pm 1'$					
		X.XXX ± 0.10	X.XXX' $\pm 0.5'$					