

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

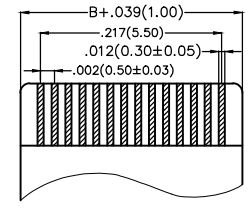
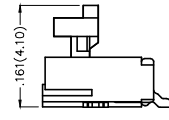
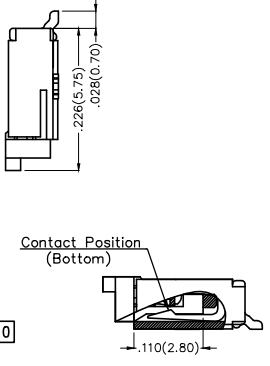
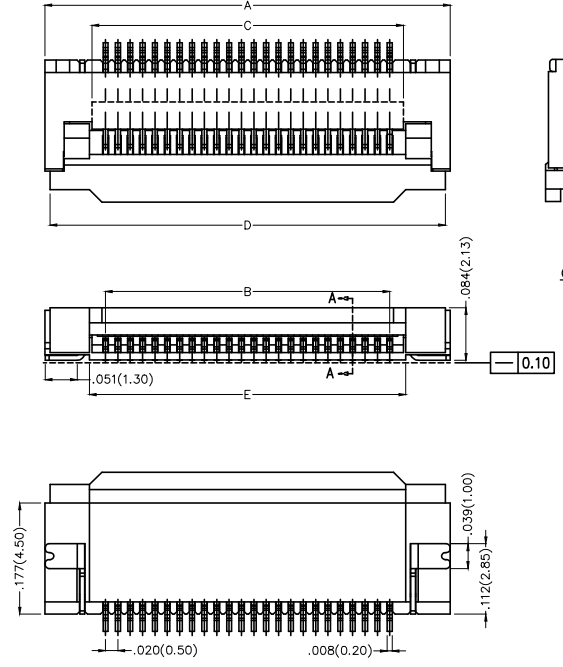
**SPECIFICATIONS**

**Electrical**

Current Rating: 0.5A AC(rms)/DC  
Voltage Rating: 50V AC(rms)/DC  
Contact Resistance: 20 mΩ Max  
Insulation Resistance: 500 MΩ MIN  
Withstanding Voltage: 200V AC r.m.s  
Temperature Range—Operating: -25°C~+85°C

**Material and Plating**

Housing: Heat Resistant Polymer UL 94V-0  
Actuator: Heat Resistant Polymer UL 94V-0  
Contact: Phosphor Bronze/ Tin Plated  
Stopper: Phosphor Bronze/ Tin Plated

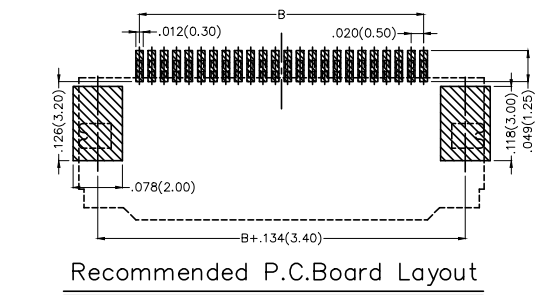



Applicable FFC Recommended Dimension

**Ordering Information**

FFC 050 11 — XX S B B 1 2 3 W5 M — C  
1 2 3 4 5 6 7 8 9 10 11 12 13

1   Category FFC-FPC	2   Series Number 050-Pitch0.50mm	3   Distinction No. 11	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	10   Material-Resin 3-LCP	11   Color-Resin W5-Housing: Natural, Actuator: Black	12   Packaging M-Reel	13   Type C- Type C	





THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05011-XXSBB1X3W5M-C	ITEM NO. FFC05011	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.X±.012(0.30) X.X±.008(0.20)	X.±5° .X'±2°	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC connector 0.5mm Bottom contact SMT	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1° .XXX'±0.5°	DRAWN BY CHERRY	DATE 18/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

REV 0 SHEET NO. 1/3

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)				
		A	B	C	D	E
4	FFC05011-04SBB123W5M-C	.252(6.40)	.059(1.50)	.102(2.60)	.236(6.00)	.110(2.80)
6	FFC05011-06SBB123W5M-C	.291(7.40)	.098(2.50)	.142(3.60)	.276(7.00)	.150(3.80)
8	FFC05011-08SBB123W5M-C	.331(8.40)	.138(3.50)	.171(4.60)	.315(8.00)	.189(4.80)
10	FFC05011-10SBB123W5M-C	.370(9.40)	.177(4.50)	.221(5.60)	.354(9.00)	.228(5.80)
12	FFC05011-12SBB123W5M-C	.409(10.40)	.217(5.50)	.260(6.60)	.394(10.00)	.268(6.80)
14	FFC05011-14SBB123W5M-C	.449(11.40)	.256(6.50)	.299(7.60)	.433(11.00)	.307(7.80)
16	FFC05011-16SBB123W5M-C	.488(12.40)	.295(7.50)	.339(8.60)	.472(12.00)	.346(8.80)
20	FFC05011-20SBB123W5M-C	.567(14.40)	.374(9.50)	.417(10.60)	.551(14.00)	.425(10.80)
22	FFC05011-22SBB123W5M-C	.606(15.40)	.413(10.50)	.457(11.60)	.591(15.00)	.465(11.80)
24	FFC05011-24SBB123W5M-C	.646(16.40)	.453(11.50)	.496(12.60)	.630(16.00)	.504(12.80)
26	FFC05011-26SBB123W5M-C	.685(17.40)	.492(12.50)	.535(13.60)	.669(17.00)	.543(13.80)
28	FFC05011-28SBB123W5M-C	.724(18.40)	.531(13.50)	.575(14.60)	.709(18.00)	.583(14.80)
30	FFC05011-30SBB123W5M-C	.764(19.40)	.571(14.50)	.614(15.60)	.748(19.00)	.622(15.80)
32	FFC05011-32SBB123W5M-C	.803(20.40)	.610(15.50)	.654(16.60)	.787(20.00)	.661(16.80)
34	FFC05011-34SBB123W5M-C	.843(21.40)	.650(16.50)	.693(17.60)	.827(21.00)	.701(17.80)
36	FFC05011-36SBB123W5M-C	.882(22.40)	.689(17.50)	.732(18.60)	.866(22.00)	.740(18.80)
40	FFC05011-40SBB123W5M-C	.961(24.40)	.768(19.50)	.811(20.60)	.945(24.00)	.819(20.80)
45	FFC05011-45SBB123W5M-C	1.059(26.90)	.866(22.00)	.910(23.10)	1.043(26.50)	.917(23.30)
50	FFC05011-50SBB123W5M-C	1.157(29.40)	.965(24.50)	1.008(25.60)	1.142(29.00)	1.016(25.80)
54	FFC05011-54SBB123W5M-C	1.236(31.40)	1.043(26.50)	1.087(27.60)	1.220(31.00)	1.094(27.80)
56	FFC05011-56SBB123W5M-C	1.276(32.40)	1.083(27.50)	1.126(28.60)	1.260(32.00)	1.134(28.80)
60	FFC05011-60SBB123W5M-C	1.354(34.40)	1.161(29.50)	1.205(30.60)	1.339(34.00)	1.213(30.80)

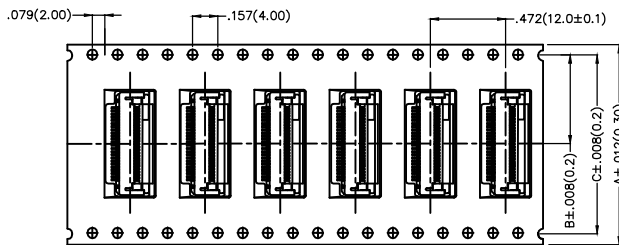
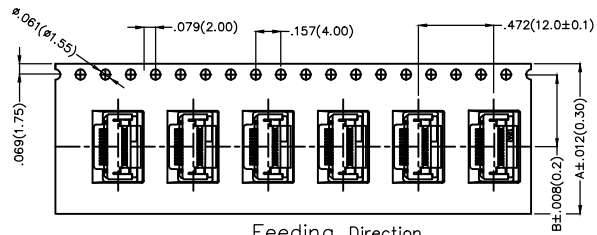
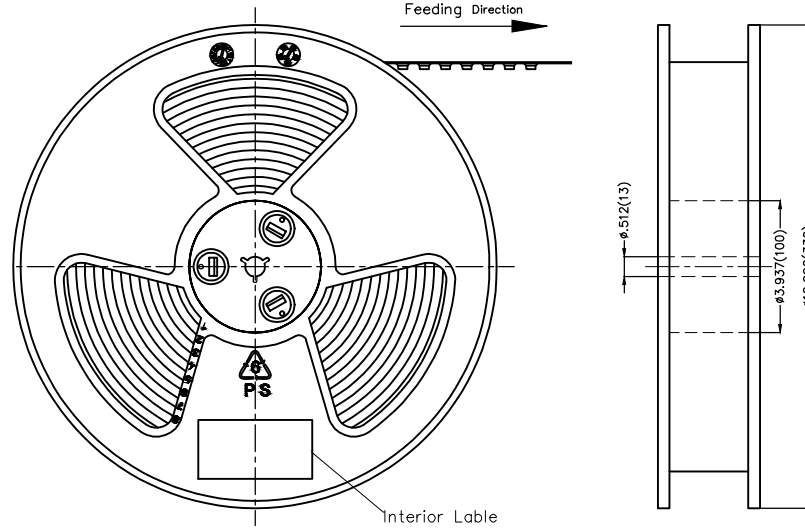
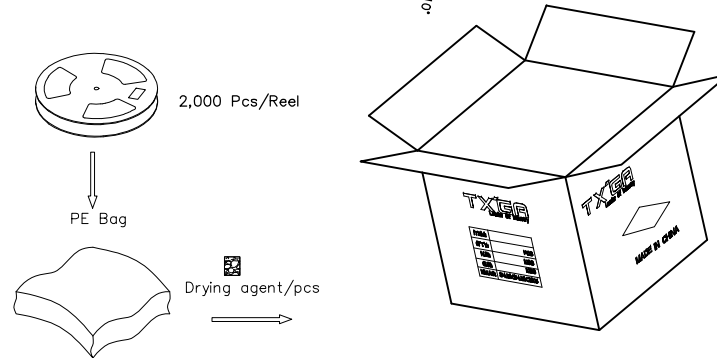
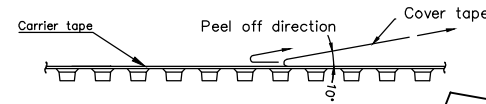
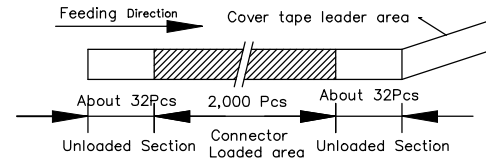
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05011-XXSBB123W5M-C	ITEM NO. FFC05011	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.XX±.012(0.30) X.XX±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5' X.±2' .XX±1' .XXX±0.5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC connector 0.5mm Bottom contact SMT		REV 0
SCALE 5:1	SIZE A4	DRAWN BY CHERRY		DATE 18/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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Note:

- 10 sprocket hole cumulative tolerance  $\pm 0.2$
- Carrier camber is within 1.0mm in 250mm
- Material: White 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
4	.630(16.0)	.295(7.5)	—
5~20	.945(24.0)	.453(11.5)	—
22~32	1.260(32.0)	.561(14.25)	1.033(26.50)
33~51	1.732(44.0)	.797(20.25)	1.594(40.50)
52~60	2.205(56.0)	1.033(26.25)	2.067(52.50)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X. $\pm$ .012(0.30)	X. $\pm$ 5'	FRANK	18/JUN/13	FFC05011-XXSBB123W5M-C	FFC05011	
DESIGN UNITS Inch (metric)	X.XX $\pm$ .008(0.20)	.X' $\pm$ 2'	CHECKED BY	DATE	TITLE		REV 0
SCALE	X.XX $\pm$ .006(0.15)	.XX' $\pm$ 1'	JACOB	18/JUN/13	FFC/FFC connector 0.5mm Bottom contact SMT		
SIZE	X.XXX $\pm$ .004(0.10)	.XXX' $\pm$ 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		CHERRY	18/JUN/13			