

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Structural changes	20/APR/21	KATE	JOHNNY

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: 250V 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 or Gold Plated
Stopper: Phosphor Bronze/ Tin Plated

Ordering Information

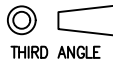

FFC 050 11 — XX S B B 1 X 4 W5 M
1 2 3 4 5 6 7 8 9 10 11 12

1	Category FFC-FPC	2	Series Number 050-Pitch 0.50mm	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 1-Gold plated	10	Material-Resin 4-PA9T	11	Color-Resin W5-Housing: Natural, Actuator: Black	12	Packaging M-Reel

<div></div> <div>THIRD ANGLE PROJECTION</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05011-XXSBB1X4W5M	ITEM NO. FFC05011	<div></div> <div>Leader Of Industry</div>	
	<div>X.±.012(0.30)</div>	<div>X.±5°</div>	CHECKED BY	DATE	TITLE FPC/FFC connector 0.5mm Bottom contact SMT			
	<div>X.X±.008(0.20)</div>	<div>.X°±2°</div>	JACOB	18/JUN/13			REV 1	SHEET NO. 1/3
	DESIGN UNITS Inch (metric)	<div>X.XX±.006(0.15)</div>	<div>.XX°±1°</div>	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	<div>X.XXX±.004(0.10)</div>	<div>.XXX°±0.5°</div>	CHERRY	18/JUN/13				

1					2					3					4					5					6					7					8																			
																									REV					LOCATIONS					DESCRIPTION					DATE					REVISER					APPD				

Circuits (n)	Part No.	Dimensions(in/mm)					
		A	B	C	D	E	F
4	FFC05011-04SBB1X4W5M	.252(6.40)	.059(1.50)	.102(2.60)	.138(3.50)	.248(6.30)	.228(5.80)
6	FFC05011-06SBB1X4W5M	.291(7.40)	.098(2.50)	.142(3.60)	.177(4.50)	.287(7.30)	.268(6.80)
7	FFC05011-07SBB1X4W5M	.311(7.90)	.118(3.00)	.161(4.10)	.197(5.00)	.307(7.80)	.287(7.30)
8	FFC05011-08SBB1X4W5M	.331(8.40)	.138(3.50)	.171(4.60)	.217(5.50)	.327(8.30)	.307(7.80)
9	FFC05011-09SBB1X4W5M	.350(8.90)	.157(4.00)	.201(5.10)	.236(6.00)	.346(8.80)	.327(8.30)
10	FFC05011-10SBB1X4W5M	.370(9.40)	.177(4.50)	.221(5.60)	.256(6.50)	.366(9.30)	.346(8.80)
11	FFC05011-11SBB1X4W5M	.390(9.90)	.197(5.00)	.240(6.10)	.276(7.00)	.386(9.80)	.366(9.30)
12	FFC05011-12SBB1X4W5M	.409(10.40)	.217(5.50)	.260(6.60)	.295(7.50)	.405(10.30)	.386(9.80)
13	FFC05011-13SBB1X4W5M	.429(10.90)	.236(6.00)	.280(7.10)	.315(8.00)	.425(10.80)	.405(10.30)
14	FFC05011-14SBB1X4W5M	.449(11.40)	.256(6.50)	.299(7.60)	.335(8.50)	.445(11.30)	.425(10.80)
15	FFC05011-15SBB1X4W5M	.469(11.90)	.276(7.00)	.319(8.10)	.354(9.00)	.465(11.80)	.445(11.30)
16	FFC05011-16SBB1X4W5M	.488(12.40)	.295(7.50)	.339(8.60)	.374(9.50)	.484(12.30)	.465(11.80)
17	FFC05011-17SBB1X4W5M	.508(12.90)	.315(8.00)	.359(9.10)	.394(10.00)	.504(12.80)	.484(12.30)
18	FFC05011-18SBB1X4W5M	.528(13.40)	.335(8.50)	.378(9.60)	.413(10.50)	.524(13.30)	.504(12.80)
20	FFC05011-20SBB1X4W5M	.567(14.40)	.374(9.50)	.417(10.60)	.453(11.50)	.563(14.30)	.543(13.80)
21	FFC05011-21SBB1X4W5M	.587(14.90)	.394(10.00)	.437(11.10)	.472(12.00)	.583(14.80)	.563(14.30)
22	FFC05011-22SBB1X4W5M	.606(15.40)	.413(10.50)	.457(11.60)	.492(12.50)	.602(15.30)	.583(14.80)
23	FFC05011-23SBB1X4W5M	.626(15.90)	.433(11.00)	.476(12.10)	.512(13.00)	.662(15.80)	.602(15.30)
24	FFC05011-24SBB1X4W5M	.646(16.40)	.453(11.50)	.496(12.60)	.531(13.50)	.614(16.30)	.662(15.80)
25	FFC05011-25SBB1X4W5M	.665(16.90)	.472(12.00)	.516(13.10)	.551(14.00)	.661(16.80)	.614(16.30)
26	FFC05011-26SBB1X4W5M	.685(17.40)	.492(12.50)	.535(13.60)	.571(14.50)	.681(17.30)	.661(16.80)
28	FFC05011-28SBB1X4W5M	.724(18.40)	.531(13.50)	.575(14.60)	.610(15.50)	.720(18.30)	.701(17.80)
30	FFC05011-30SBB1X4W5M	.764(19.40)	.571(14.50)	.614(15.60)	.650(16.50)	.760(19.30)	.740(18.80)
32	FFC05011-32SBB1X4W5M	.803(20.40)	.610(15.50)	.654(16.60)	.689(17.50)	.799(20.30)	.779(19.80)
33	FFC05011-33SBB1X4W5M	.823(20.90)	.630(16.00)	.673(17.10)	.709(18.00)	.819(20.80)	.799(20.30)
34	FFC05011-34SBB1X4W5M	.843(21.40)	.650(16.50)	.693(17.60)	.728(18.50)	.839(21.30)	.819(20.80)
35	FFC05011-35SBB1X4W5M	.862(21.90)	.669(17.00)	.713(18.10)	.748(19.00)	.858(21.80)	.839(21.30)
36	FFC05011-36SBB1X4W5M	.882(22.40)	.689(17.50)	.732(18.60)	.768(19.50)	.878(22.30)	.858(21.80)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05011-XXSBB1X4W5M	ITEM NO. FFC05011	 Leader Of Industry		
	X.±.012(0.30)	X.±5"	CHECKED BY	DATE 18/JUN/13	TITLE				
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X'±2"	JACOB	18/JUN/13	FPC/FFC connector 0.5mm Bottom contact SMT		REV 1	SHEET NO. 2/3
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	XX'±1"	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		

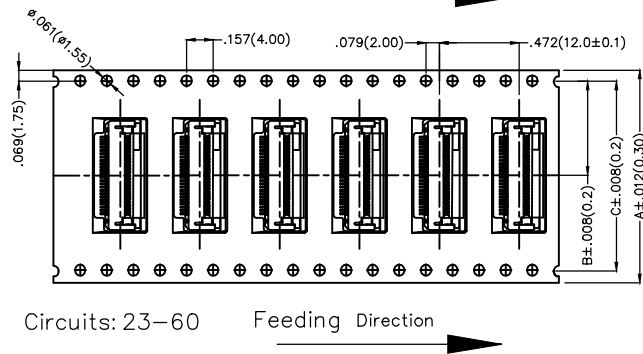
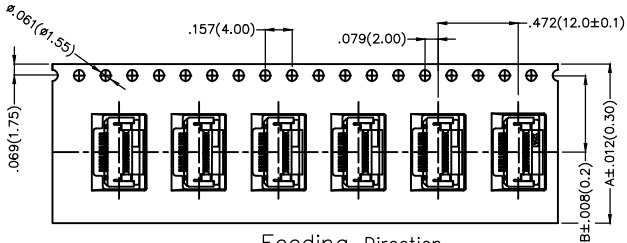
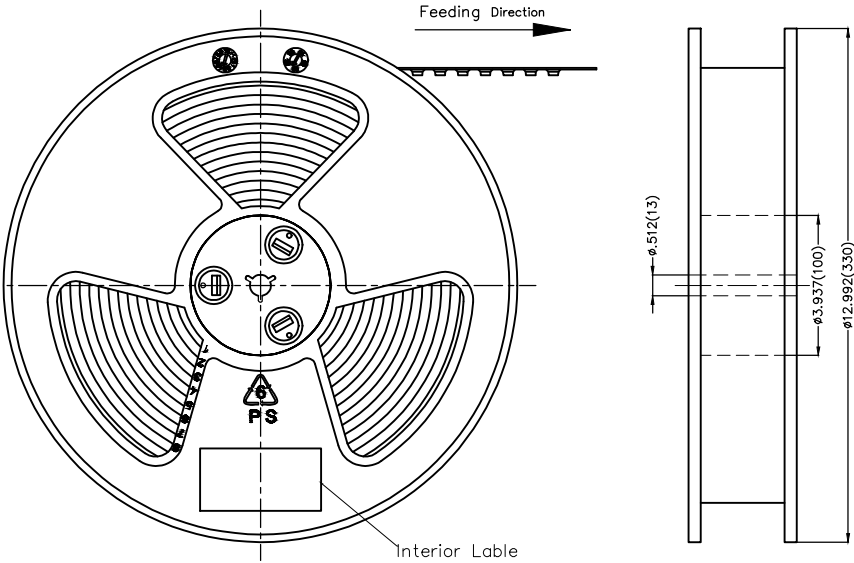
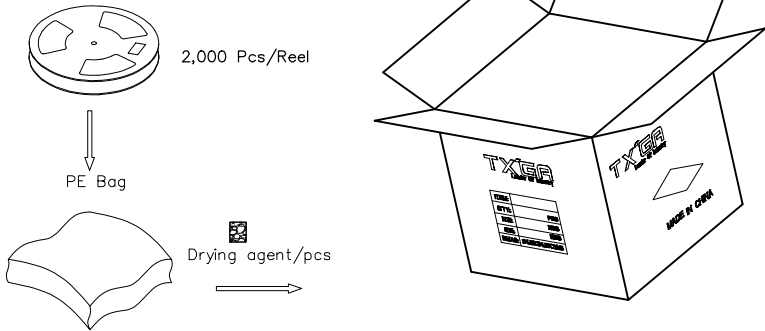
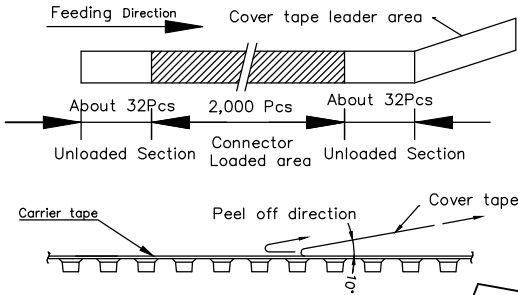
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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: 2,000 pcs

Circuits (n)	Dimensions(in/mm)		
	A	B	C
4~7	.630(16.0)	.295(7.5)	—
8~22	.945(24.0)	.453(11.5)	—
23~34	1.260(32.0)	.561(14.25)	1.033(28.50)
35~36	1.732(44.0)	.797(20.25)	1.594(40.50)



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		X.±.012(0.30)	X.±5°	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC connector 0.5mm Bottom contact SMT			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	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 1	SHEET NO. 3/3
		X.XX±.006(0.15)	.XX±1°						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XX±0.5°						

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