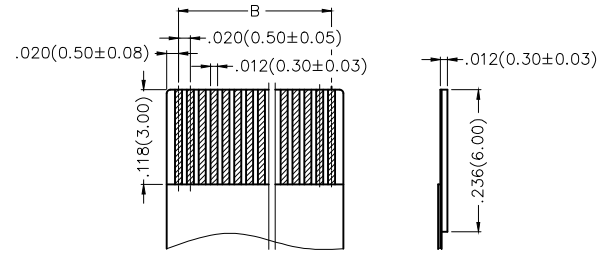
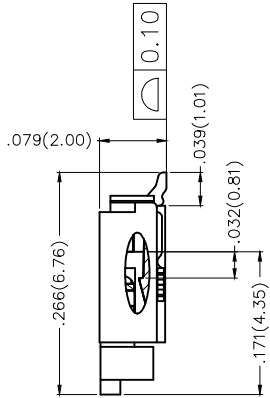
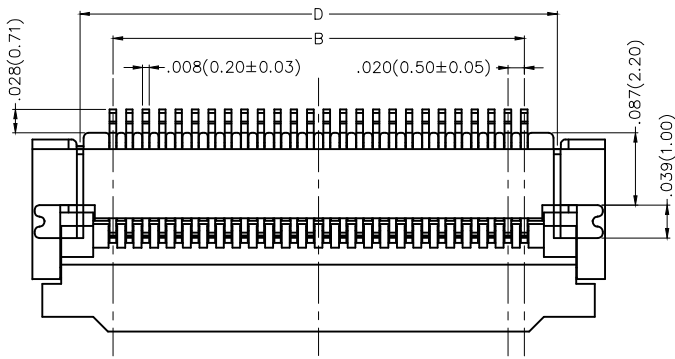
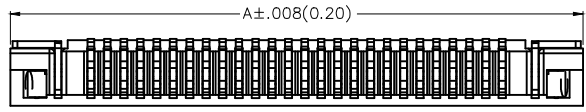


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

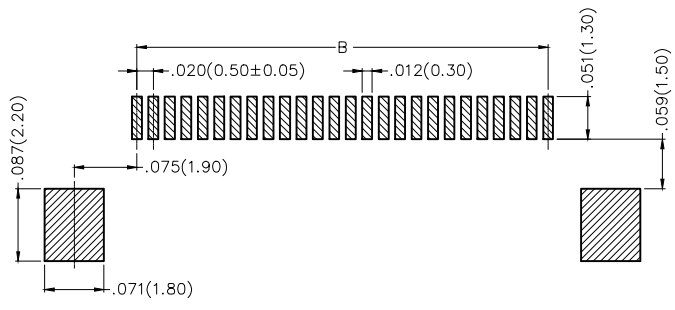
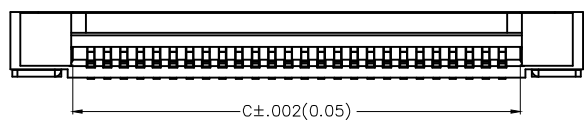
SPECIFICATIONS

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: 250V AC r.m.s
 Temperature Range—Operating: -40°C~+85°C

Material And Plating
 Housing: Thermoplastic UL94V-0/ Natural
 Actuator: Thermoplastic UL94V-0/ Black
 Terminal: Phosphor bronze/ Gold Or Tin Plated
 LEG: Phosphor bronze/ Tin Plated



Applicable FFC Recommended Dimension



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

Ordering Information

FFC 050 11 — XX S B B 1 X 4 W5 M — A
 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 1-Gold plated 2-Tin Plated	10 Material-Resin 4-LCP	11 Color-Resin W5-Housing: Natural, Actuator: Black	12 Packaging M-Reel
					13 Type A-Type A

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 22/JUN/16	PART NO. FFC05011-XXSBB1X4W5M-A	ITEM NO. FFC05011	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.X ± .008 (0.20) X.XX ± .006 (0.15) X.XXX ± .004 (0.10)	X' ± 5" .X' ± 2" .XX' ± 1" .XXX' ± 0.5"	CHECKED BY CHERRY	DATE 22/JUN/16	TITLE FPC/FFC connector 0.5mm Bottom contact SMT		REV 0
SCALE 5:1	SIZE A4		DRAWN BY KATE	DATE 22/JUN/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in./mm)				Circuits (n)	Part No.	Dimensions(in./mm)			
		A	B	C	D			A	B	C	D
4	FFC05011-04SBB1X4W5M-A	.252(6.40)	.059(1.50)	.102(2.60)	.138(3.50)	22	FFC05011-22SBB1X4W5M-A	.606(15.40)	.413(10.50)	.457(11.60)	.492(12.50)
5	FFC05011-05SBB1X4W5M-A	.272(6.90)	.079(2.00)	.122(3.10)	.157(4.00)	24	FFC05011-24SBB1X4W5M-A	.646(16.40)	.453(11.50)	.496(12.60)	.531(13.50)
6	FFC05011-06SBB1X4W5M-A	.291(7.40)	.098(2.50)	.142(3.60)	.177(4.50)	26	FFC05011-26SBB1X4W5M-A	.685(17.40)	.492(12.50)	.535(13.60)	.571(14.50)
8	FFC05011-08SBB1X4W5M-A	.331(8.40)	.138(3.50)	.181(4.60)	.217(5.50)	28	FFC05011-28SBB1X4W5M-A	.724(18.40)	.531(13.50)	.575(14.60)	.610(15.50)
9	FFC05011-09SBB1X4W5M-A	.350(8.90)	.157(4.00)	.201(5.10)	.236(6.00)	30	FFC05011-30SBB1X4W5M-A	.764(19.40)	.571(14.50)	.614(15.60)	.650(16.50)
10	FFC05011-10SBB1X4W5M-A	.370(9.40)	.177(4.50)	.220(5.60)	.256(6.50)	32	FFC05011-32SBB1X4W5M-A	.803(20.40)	.610(15.50)	.654(16.60)	.689(17.50)
11	FFC05011-11SBB1X4W5M-A	.390(9.90)	.197(5.00)	.240(6.10)	.276(7.00)	34	FFC05011-34SBB1X4W5M-A	.843(21.40)	.650(16.50)	.693(17.60)	.728(18.50)
12	FFC05011-12SBB1X4W5M-A	.409(10.40)	.217(5.50)	.260(6.60)	.295(7.50)	36	FFC05011-36SBB1X4W5M-A	.882(22.40)	.689(17.50)	.732(18.60)	.768(19.50)
13	FFC05011-13SBB1X4W5M-A	.429(10.90)	.236(6.00)	.280(7.10)	.315(8.00)	37	FFC05011-37SBB1X4W5M-A	.902(22.90)	.709(18.00)	.752(19.10)	.787(20.00)
14	FFC05011-14SBB1X4W5M-A	.449(11.40)	.256(6.50)	.299(7.60)	.335(8.50)	39	FFC05011-39SBB1X4W5M-A	.941(23.90)	.748(19.00)	.791(20.10)	.827(21.00)
15	FFC05011-15SBB1X4W5M-A	.469(11.90)	.276(7.00)	.319(8.10)	.354(9.00)	40	FFC05011-40SBB1X4W5M-A	.961(24.40)	.768(19.50)	.811(20.60)	.846(21.50)
16	FFC05011-16SBB1X4W5M-A	.488(12.40)	.295(7.50)	.339(8.60)	.374(9.50)	42	FFC05011-42SBB1X4W5M-A	1.000(25.40)	.807(20.50)	.850(21.60)	.886(22.50)
17	FFC05011-17SBB1X4W5M-A	.508(12.90)	.315(8.00)	.358(9.10)	.394(10.00)	45	FFC05011-45SBB1X4W5M-A	1.059(26.90)	.866(22.00)	.909(23.10)	.945(24.00)
18	FFC05011-18SBB1X4W5M-A	.528(13.40)	.335(8.50)	.378(9.60)	.413(10.50)	50	FFC05011-50SBB1X4W5M-A	1.157(29.40)	.965(24.50)	1.008(25.60)	1.043(26.50)
19	FFC05011-19SBB1X4W5M-A	.547(13.90)	.354(9.00)	.398(10.10)	.433(11.00)	54	FFC05011-54SBB1X4W5M-A	1.236(31.40)	1.043(26.50)	1.087(27.60)	1.122(28.50)
20	FFC05011-20SBB1X4W5M-A	.567(14.40)	.374(9.50)	.417(10.60)	.453(11.50)	60	FFC05011-60SBB1X4W5M-A	1.354(34.40)	1.161(29.50)	1.205(30.60)	1.240(31.50)
21	FFC05011-21SBB1X4W5M-A	.587(14.90)	.394(10.00)	.437(11.10)	.472(12.00)						

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.X±.012(0.30)	X'±5'	FRANK	22/JUN/16	FFC05011-XXSBB1X4W5M-A	FFC05011	
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X'±2'	CHECKED BY	DATE	TITLE		REV 0 SHEET NO. 2/3
SCALE	X.XX±.006(0.15)	.XX'±1"	CHERRY	22/JUN/16	FPC/FFC connector 0.5mm Bottom contact SMT		
5:1	X.XXX±.004(0.10)	.XX'±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		
A4			KATE	22/JUN/16			

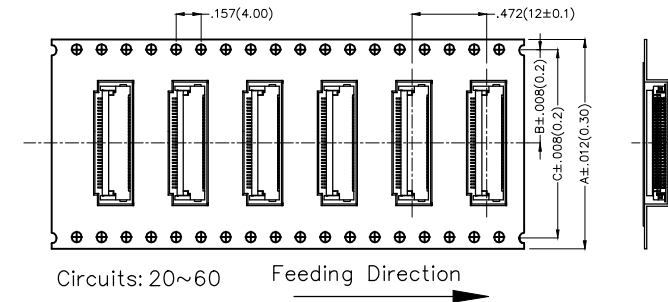
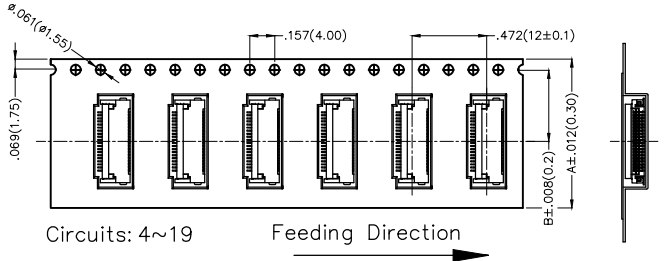
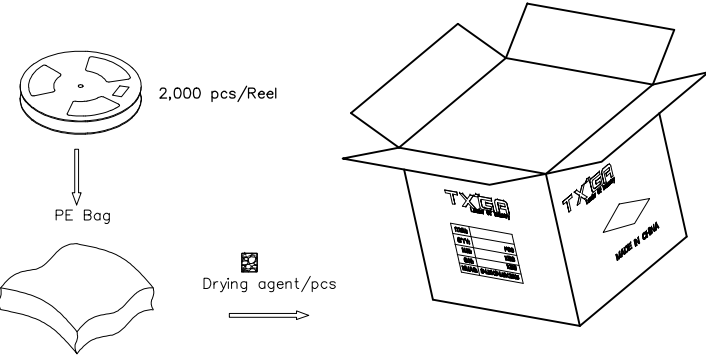
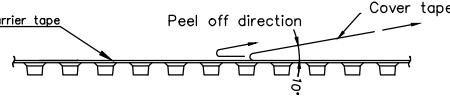
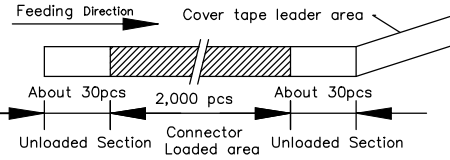
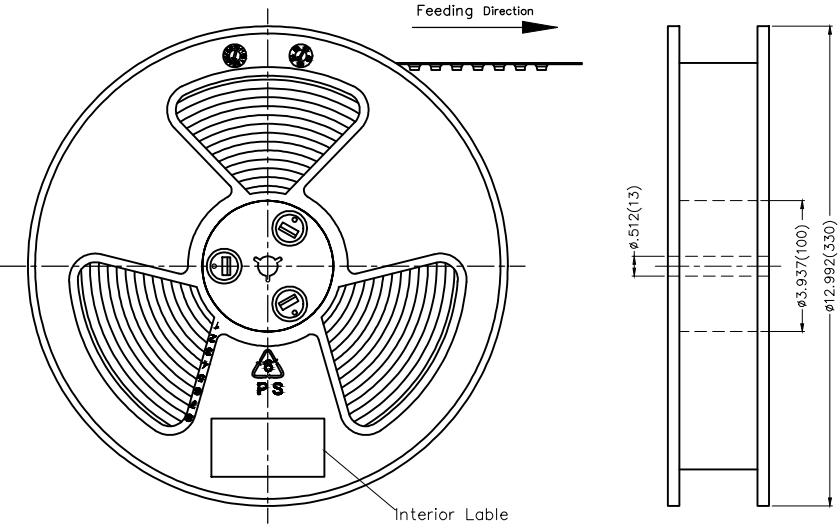
1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

- Note:
- 10 sprocket hole cumulative tolerance ± 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
4~19	.945(24.00)	.453(11.50)	-
20~30	1.260(32.00)	.561(14.25)	1.122(28.50)
32~50	1.732(44.00)	.797(20.25)	1.594(40.50)
54~60	2.205(56.00)	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	22/JUN/16	FFC05011-XXSBB1X4W5M-A	FFC05011	
DESIGN UNITS	$X.X\pm .008(0.20)$	$X'\pm 2'$	CHECKED BY	DATE	TITLE	REV 0 SHEET NO. 3/3	
Inch (metric)	$X.XX\pm .006(0.15)$	$.XX\pm 1'$	CHERRY	22/JUN/16	FPC/FFC connector 0.5mm Bottom contact SMT	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
SCALE	$X.XXX\pm .004(0.10)$	$.XX'\pm 0.5'$	DRAWN BY	DATE			
5:1			KATE	22/JUN/16			

1 2 3 4 5 6 7 8