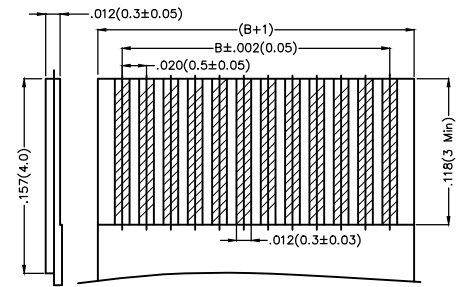
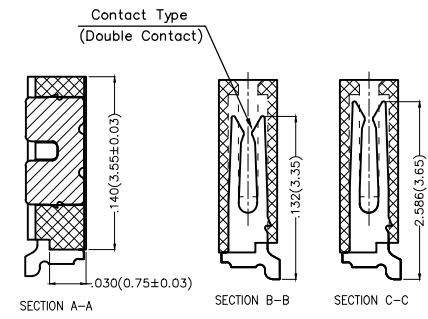
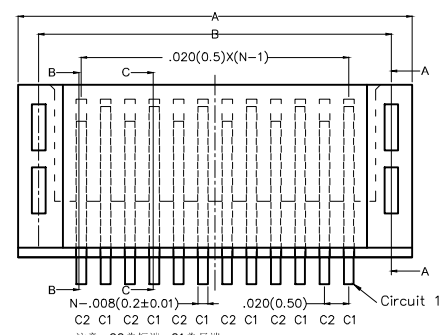
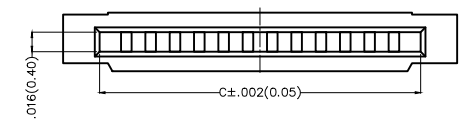


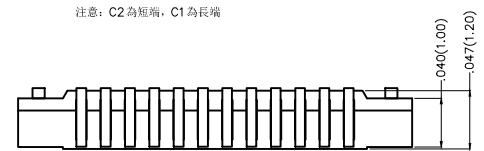
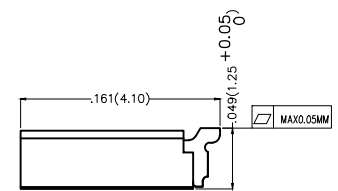
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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: PA6T UL 94V-0
 Contact: Phosphor Bronze/Gold Plater/Tin Plated



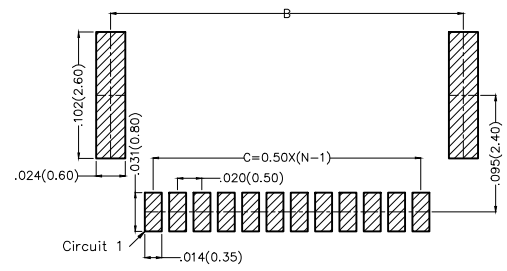
Applicable FFC
 Recommended Dimension




Ordering Information

FFC 050 18 — XX S B D 2 X 4 W5 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. 18	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B- 90° Angle
7 Contact Type D-Double Contact	8 ZIF 2-NON ZIF	9 Plating 1-Gold Plated 2-Tin Plated	10 Material-Resin 4-PA6T	11 Color-Resin W5-Natural	12 Packaging M-Reel





Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05018-XXSBD2X4W5M	ITEM NO. FFC05018	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.±5° X.X±.008(0.20) .X'±2° X.XX±.006(0.15) .XX'±1° X.XXX±.004(0.10) .XXX'±0.5°	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC connector 0.5mm Double contact SMT		
SCALE 1:1	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			

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Note: Contact Gold Plated					Note: Contact Tin Plated				
Circuits (n)	Part No.	Dimensions(in/mm)			Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C			A	B	C
4	FFC05018-04SBD214W5M	.161(4.10)	.128(3.25)	.102(2.60)	4	FFC05018-04SBD224W5M	.161(4.10)	.128(3.25)	.102(2.60)
6	FFC05018-06SBD214W5M	.201(5.10)	.167(4.25)	.142(3.60)	6	FFC05018-06SBD224W5M	.201(5.10)	.167(4.25)	.142(3.60)
8	FFC05018-08SBD214W5M	.240(6.10)	.207(5.25)	.181(4.60)	8	FFC05018-08SBD224W5M	.240(6.10)	.207(5.25)	.181(4.60)
10	FFC05018-10SBD214W5M	.280(7.10)	.246(6.25)	.220(5.60)	10	FFC05018-10SBD224W5M	.280(7.10)	.246(6.25)	.220(5.60)
12	FFC05018-12SBD214W5M	.319(8.10)	.285(7.25)	.260(6.60)	12	FFC05018-12SBD224W5M	.319(8.10)	.285(7.25)	.260(6.60)
14	FFC05018-14SBD214W5M	.358(9.10)	.325(8.25)	.299(7.60)	14	FFC05018-14SBD224W5M	.358(9.10)	.325(8.25)	.299(7.60)
15	FFC05018-15SBD214W5M	.378(9.60)	.344(8.75)	.319(8.10)	15	FFC05018-15SBD224W5M	.378(9.60)	.344(8.75)	.319(8.10)
16	FFC05018-16SBD214W5M	.398(10.10)	.364(9.25)	.339(8.60)	16	FFC05018-16SBD224W5M	.398(10.10)	.364(9.25)	.339(8.60)
18	FFC05018-18SBD214W5M	.437(11.10)	.404(10.25)	.378(9.60)	18	FFC05018-18SBD224W5M	.437(11.10)	.404(10.25)	.378(9.60)
20	FFC05018-20SBD214W5M	.476(12.10)	.443(11.25)	.417(10.60)	20	FFC05018-20SBD224W5M	.476(12.10)	.443(11.25)	.417(10.60)
22	FFC05018-22SBD214W5M	.516(13.10)	.482(12.25)	.457(11.60)	22	FFC05018-22SBD224W5M	.516(13.10)	.482(12.25)	.457(11.60)

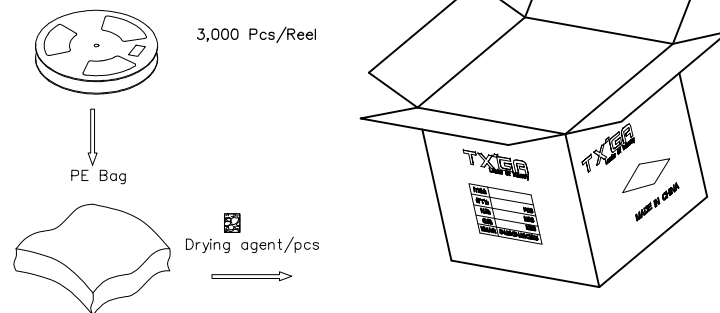
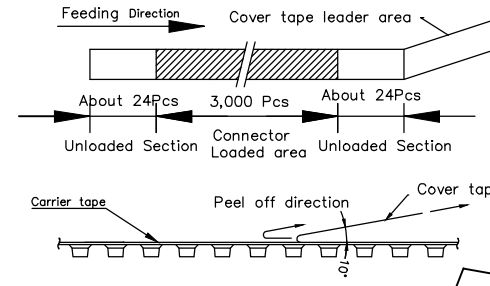
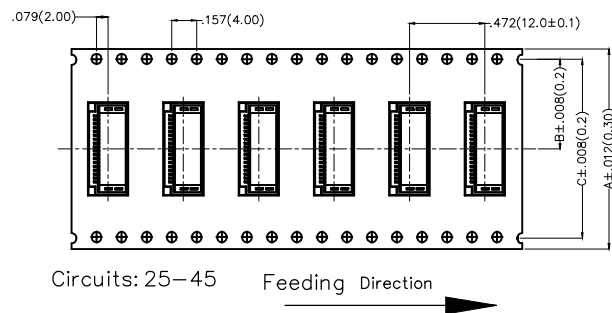
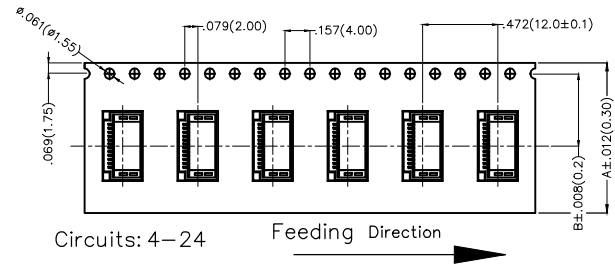
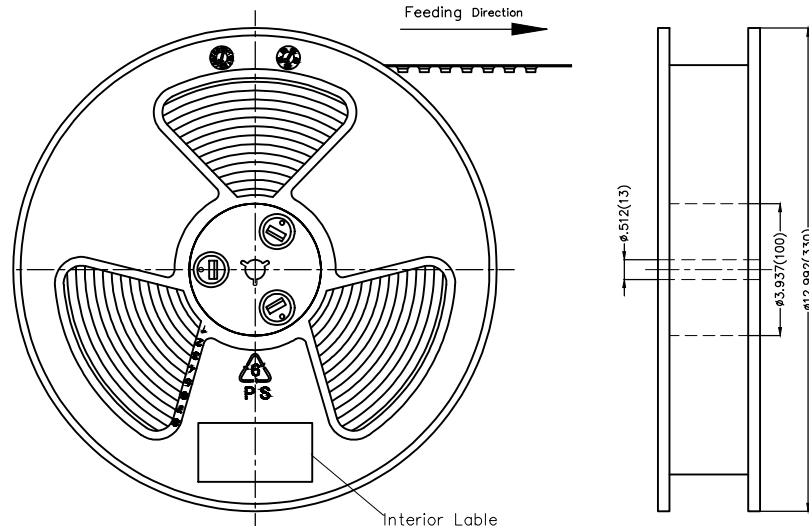
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X.±.012(0.30)	X.±5'	FRANK	18/JUN/13	FFC05018-XXSBD2X4W5M	FFC05018	
DESIGN UNITS Inch (metric)	X.XX±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		REV 0 SHEET NO.2/3
SCALE SIZE	X.XX±.006(0.15)	.XX'±1'	JACOB	18/JUN/13	FPC/FFC connector 0.5mm Double contact SMT		
1:1 A4	X.XXX±.004(0.10)	.XXX'±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		
			CHERRY	18/JUN/13			

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: 3,000 pcs

Circuits (n)	Dimensions (in/mm)		
	A	B	C
4~12	.630(16.0)	.295(7.50)	—
13~24	.945(24.0)	.453(11.50)	—
25~36	1.260(32.0)	.561(14.25)	1.122(28.50)
37~45	1.732(44.0)	.797(20.25)	1.594(40.50)



 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	FFC05018-XXSBD2X4W5M	FFC05018	
DESIGN UNITS Inch (metric)	X.X \pm .008(0.20)	X. \pm 2'	CHECKED BY	DATE	TITLE		REV 0 SHEET NO. 3/3
SCALE	X.XX \pm .006(0.15)	.XX \pm 1'	JACOB	18/JUN/13	FPC/FFC connector 0.5mm Double 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		CERRY	18/JUN/13			