

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

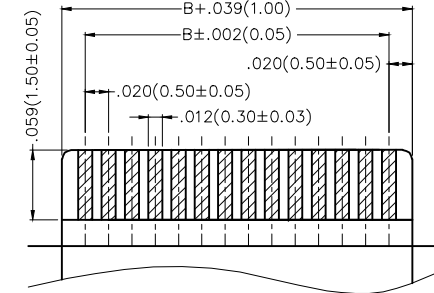
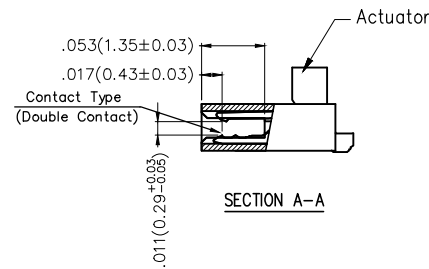
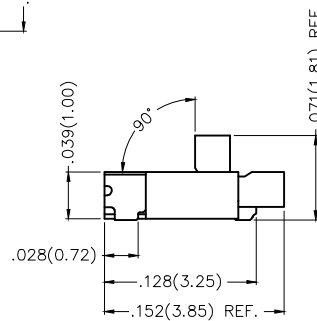
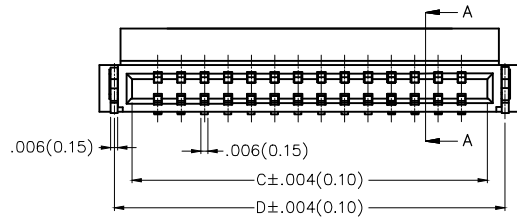
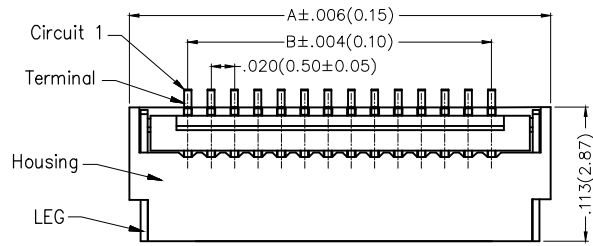
SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 25V AC(rms)/DC
Contact Resistance: 30 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: Thermoplastic UL94V-0/ Natural
Actuator: Thermoplastic UL94V-0/ Black
Contact: Copper Alloy/ Gold plated/ Gold in contact area, matte tin on tail
LEG: Copper Alloy/ Tin plated

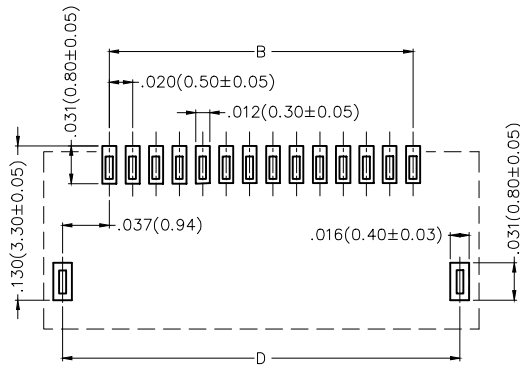


Applicable FFC
Recommended Dimension
Thickness .012(0.30±0.03)

Ordering Information

FFC	050	35	—	XX	S	B	D	1	X	3	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. 35	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B- 90° Angle
7 Contact Type D-Double Contact	8 ZIF 1-ZIF	9 Plating 1-Gold plated 3-Gold in contact area, matte tin on tail	10 Material-Resin 3-LCP	11 Color-Resin W5-Housing: Natural, Actuator: Black	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. FFC05035-XXSBD1X3W5M	ITEM NO. FFC05035	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE FPC/FFC connector 0.5mm Double contact SMT			REV 0
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY KATE	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			
SCALE 5:1	SIZE A4	X.XX±.006(0.15)						
		X.XXX±.004(0.10)						

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Note: Gold in contact area, matte tin on tail						Note: Contact gold plated					
Circuits (n)	Part No.	Dimensions(in/mm)				Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D			A	B	C	D
4	FFC05035-04SBD133W5M	.157(4.00)	.059(1.50)	.102(2.60)	.133(3.37)	4	FFC05035-04SBD113W5M	.157(4.00)	.059(1.50)	.102(2.60)	.133(3.37)
6	FFC05035-06SBD133W5M	.197(5.00)	.098(2.50)	.142(3.60)	.172(4.37)	6	FFC05035-06SBD113W5M	.197(5.00)	.098(2.50)	.142(3.60)	.172(4.37)
8	FFC05035-08SBD133W5M	.236(6.00)	.138(3.50)	.181(4.60)	.211(5.37)	8	FFC05035-08SBD113W5M	.236(6.00)	.138(3.50)	.181(4.60)	.211(5.37)
10	FFC05035-10SBD133W5M	.276(7.00)	.177(4.50)	.220(5.60)	.251(6.37)	10	FFC05035-10SBD113W5M	.276(7.00)	.177(4.50)	.220(5.60)	.251(6.37)
12	FFC05035-12SBD133W5M	.315(8.00)	.217(5.50)	.260(6.60)	.290(7.37)	12	FFC05035-12SBD113W5M	.315(8.00)	.217(5.50)	.260(6.60)	.290(7.37)
14	FFC05035-14SBD133W5M	.354(9.00)	.256(6.50)	.299(7.60)	.330(8.37)	14	FFC05035-14SBD113W5M	.354(9.00)	.256(6.50)	.299(7.60)	.330(8.37)
15	FFC05035-15SBD133W5M	.374(9.50)	.276(7.00)	.319(8.10)	.349(8.87)	15	FFC05035-15SBD113W5M	.374(9.50)	.276(7.00)	.319(8.10)	.349(8.87)
16	FFC05035-16SBD133W5M	.394(10.00)	.295(7.50)	.339(8.60)	.369(9.37)	16	FFC05035-16SBD113W5M	.394(10.00)	.295(7.50)	.339(8.60)	.369(9.37)
18	FFC05035-18SBD133W5M	.433(11.00)	.335(8.50)	.378(9.60)	.408(10.37)	18	FFC05035-18SBD113W5M	.433(11.00)	.335(8.50)	.378(9.60)	.408(10.37)
20	FFC05035-20SBD133W5M	.472(12.00)	.374(9.50)	.417(10.60)	.448(11.37)	20	FFC05035-20SBD113W5M	.472(12.00)	.374(9.50)	.417(10.60)	.448(11.37)
24	FFC05035-24SBD133W5M	.551(14.00)	.453(11.50)	.496(12.60)	.526(13.37)	24	FFC05035-24SBD113W5M	.551(14.00)	.453(11.50)	.496(12.60)	.526(13.37)
26	FFC05035-26SBD133W5M	.591(15.00)	.492(12.50)	.535(13.60)	.566(14.37)	26	FFC05035-26SBD113W5M	.591(15.00)	.492(12.50)	.535(13.60)	.566(14.37)
30	FFC05035-30SBD133W5M	.669(17.00)	.571(14.50)	.614(15.60)	.644(16.37)	30	FFC05035-30SBD113W5M	.669(17.00)	.571(14.50)	.614(15.60)	.644(16.37)
34	FFC05035-34SBD133W5M	.748(19.00)	.650(16.50)	.693(17.60)	.723(18.37)	34	FFC05035-34SBD113W5M	.748(19.00)	.650(16.50)	.693(17.60)	.723(18.37)
40	FFC05035-40SBD133W5M	.866(22.00)	.768(19.50)	.811(20.60)	.841(21.37)	40	FFC05035-40SBD113W5M	.866(22.00)	.768(19.50)	.811(20.60)	.841(21.37)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05035-XXSBD1X3W5M	ITEM NO. FFC05035	 Leader Of Industry	
	X.±.012(0.30) X'.±5'		CHECKED BY CHERRY	DATE 18/JUN/13	TITLE FFC/FFC connector 0.5mm Double contact SMT			REV 0
	DESIGN UNITS Inch (metric)	X.XX±.008(0.20) X'±2'		DRAWN BY KATE	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		
	SCALE 5:1	SIZE A4	X.XXX±.004(0.10) .XX'±0.5'					

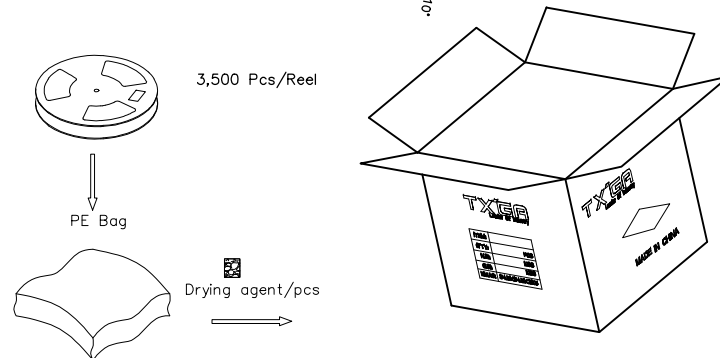
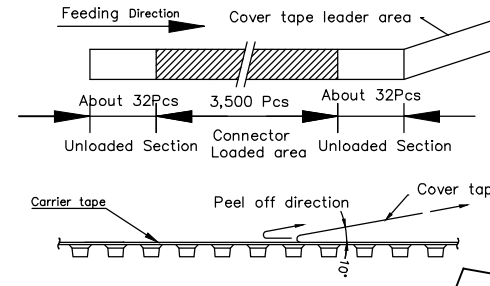
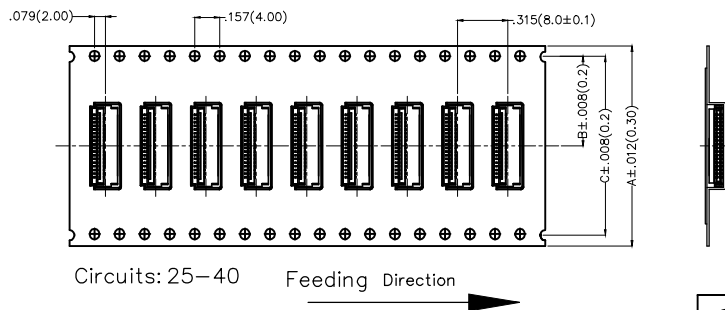
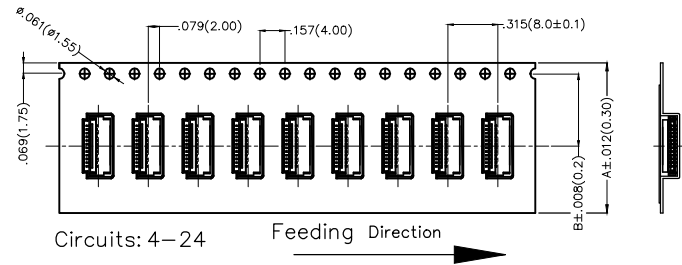
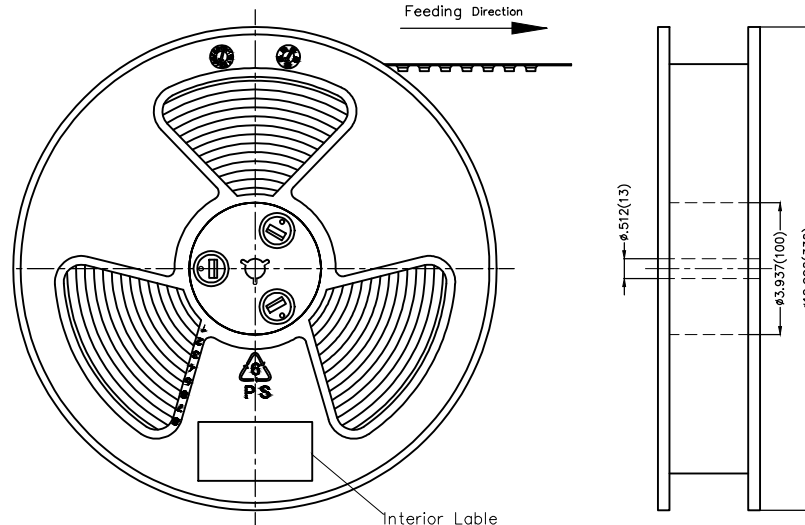
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Note:

- 10 sprocket hole cumulative tolerance ± 0.2
- Carrier camber is within 1.0mm in 250mm
- Material: 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: 3,500 pcs
- Minimum Order Quantity:
Gold in contact area, matte tin on tail: 3,500 pcs ;
Gold Plated: 35,000 pcs

Circuits (n)	Dimensions (in/mm)		
	A	B	C
4~8	.630(16.0)	.295(7.50)	—
9~24	.945(24.0)	.453(11.50)	—
25~36	1.260(32.0)	.561(14.25)	1.122(28.50)
37~40	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	FFC05035-XXSBD1X3W5M	FFC05035	
DESIGN UNITS Inch (metric)	X.X \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	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			

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