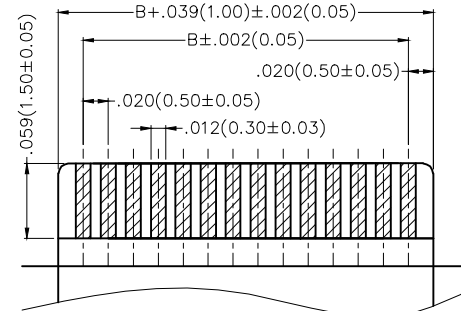
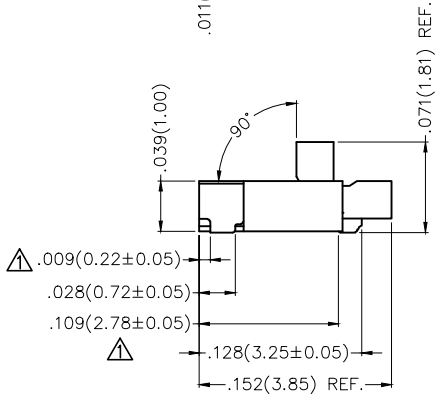
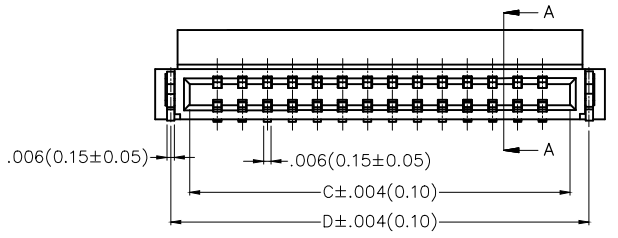
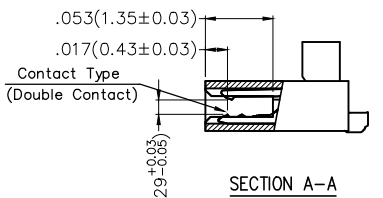
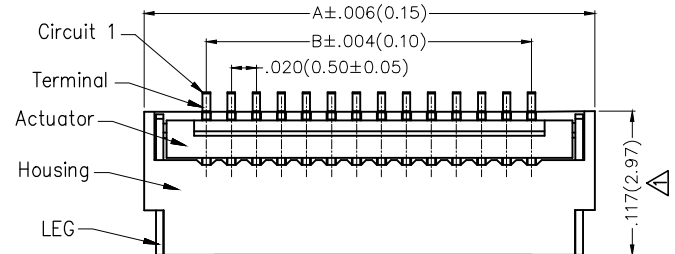


REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD
1	△	Size changes	04/JUN/21	KATE	CHERRY

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 on contact area, matte tin on tail
 LEG: Copper Alloy/ Tin plated

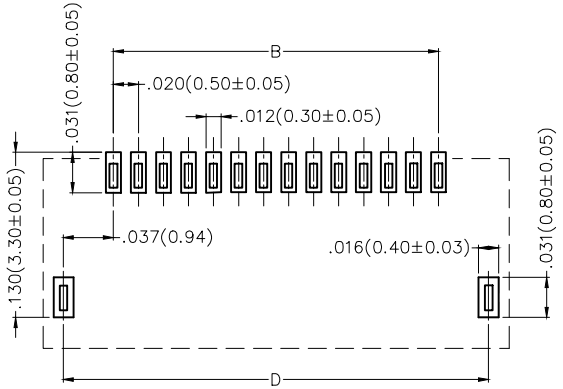


Applicable FFC
 Recommended Dimension
 Thickness .012(0.30±0.03)


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-Pitch 0.50mm	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 on 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			
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		REV 1	SHEET NO. 1/3

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B



C

D

E

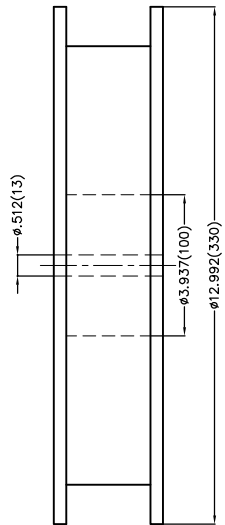
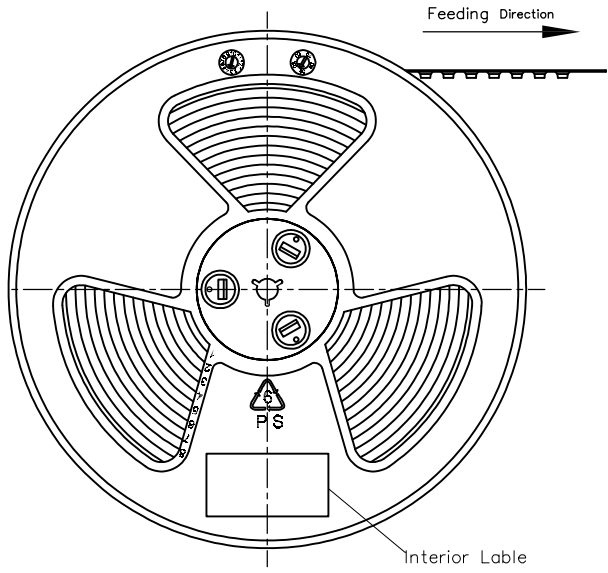
F

Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
4	FFC05035-04SBD1X3W5M	.157(4.00)	.059(1.50)	.102(2.60)	.133(3.37)
5	FFC05035-05SBD1X3W5M	.177(4.50)	.079(2.00)	.122(3.10)	.152(3.87)
6	FFC05035-06SBD1X3W5M	.197(5.00)	.098(2.50)	.142(3.60)	.172(4.37)
8	FFC05035-08SBD1X3W5M	.236(6.00)	.138(3.50)	.181(4.60)	.211(5.37)
9	FFC05035-09SBD1X3W5M	.256(6.50)	.157(4.00)	.201(5.10)	.231(5.87)
10	FFC05035-10SBD1X3W5M	.276(7.00)	.177(4.50)	.220(5.60)	.251(6.37)
12	FFC05035-12SBD1X3W5M	.315(8.00)	.217(5.50)	.260(6.60)	.290(7.37)
14	FFC05035-14SBD1X3W5M	.354(9.00)	.256(6.50)	.299(7.60)	.330(8.37)
15	FFC05035-15SBD1X3W5M	.374(9.50)	.276(7.00)	.319(8.10)	.349(8.87)
16	FFC05035-16SBD1X3W5M	.394(10.00)	.295(7.50)	.339(8.60)	.369(9.37)
18	FFC05035-18SBD1X3W5M	.433(11.00)	.335(8.50)	.378(9.60)	.408(10.37)
20	FFC05035-20SBD1X3W5M	.472(12.00)	.374(9.50)	.417(10.60)	.448(11.37)
22	FFC05035-22SBD1X3W5M	.512(13.00)	.413(10.50)	.457(11.60)	.487(12.37)
24	FFC05035-24SBD1X3W5M	.551(14.00)	.453(11.50)	.496(12.60)	.526(13.37)
26	FFC05035-26SBD1X3W5M	.591(15.00)	.492(12.50)	.535(13.60)	.566(14.37)
30	FFC05035-30SBD1X3W5M	.669(17.00)	.571(14.50)	.614(15.60)	.644(16.37)
34	FFC05035-34SBD1X3W5M	.748(19.00)	.650(16.50)	.693(17.60)	.723(18.37)
40	FFC05035-40SBD1X3W5M	.866(22.00)	.768(19.50)	.811(20.60)	.841(21.37)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	FRANK	18/JUN/13	FFC05035-XXSBD1X3W5M	
SCALE		SIZE	CHECKED BY	DATE	TITLE		
5:1	A4	CHERRY	18/JUN/13	FPC/FFC connector 0.5mm Double contact SMT		REV 1	
		X.XX±.006(0.15)	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		
		X.XXX±.004(0.10)	KATE	18/JUN/13			

1 2 3 4 5 6 7 8

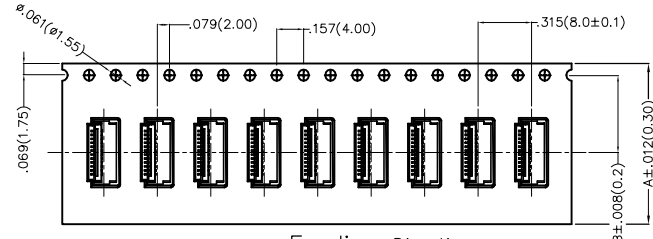
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



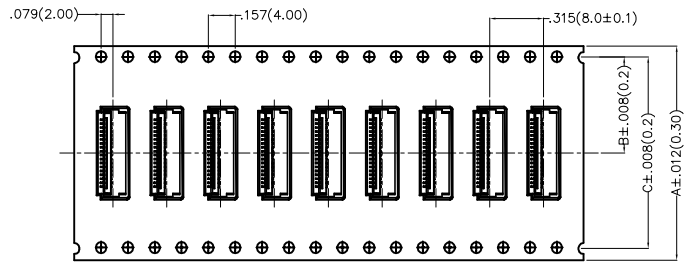
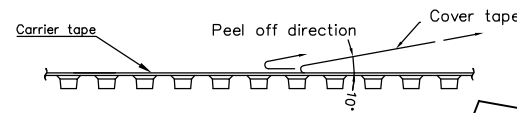
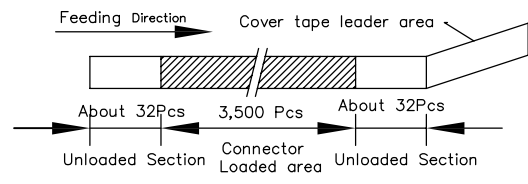
Note:

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: 3,500 pcs
7. Minimum Order Quantity:
Gold in contact area, matte tin on tail: 3,500 pcs ;
Gold Plated: 35,000 pcs

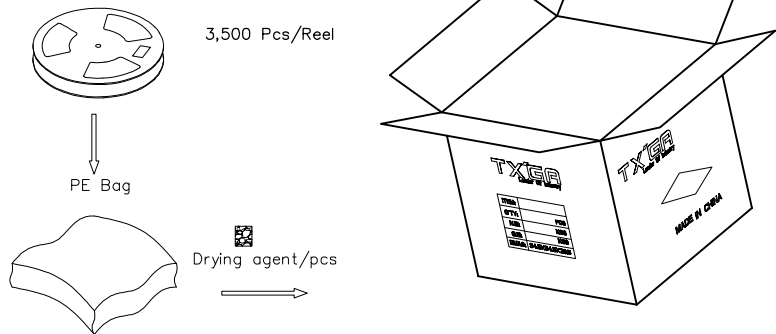
Circuits (n)	Dimensions(in/mm)		
	A	B	C
4~8	.630(16.0)	.295(7.50)	—
9~24	.945(24.0)	.453(11.50)	—
26,30,34	1.260(32.0)	.561(14.25)	1.122(28.50)
40	1.732(44.0)	.797(20.25)	1.594(40.50)



Circuits: 4-24



Circuits: 34-40



 THIRD ANGLE PROJECTION DESIGN UNITS Inch (metric) SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FFC05035-XXSBD1X3W5M	ITEM NO. FFC05035	 Leader Of Industry
	X. \pm .012(0.30)	X. \pm 5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC connector 0.5mm Double contact SMT		
	X.XX \pm .008(0.20)	.X \pm 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		
	X.XX \pm .006(0.15)	.XX \pm 1'					
	X.XXX \pm .004(0.10)	.XX \pm 0.5'					