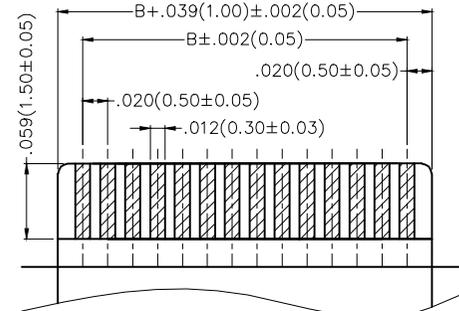
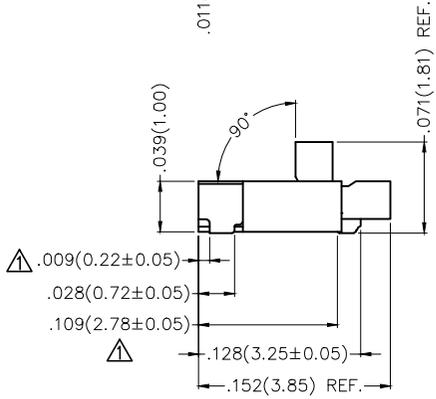
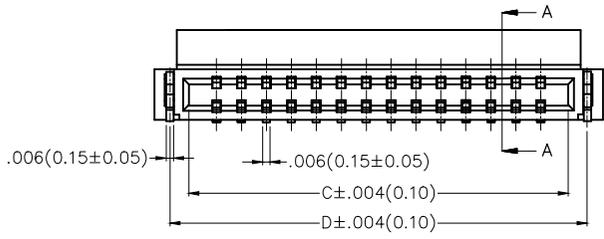
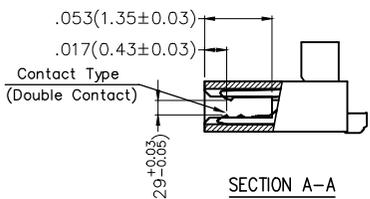
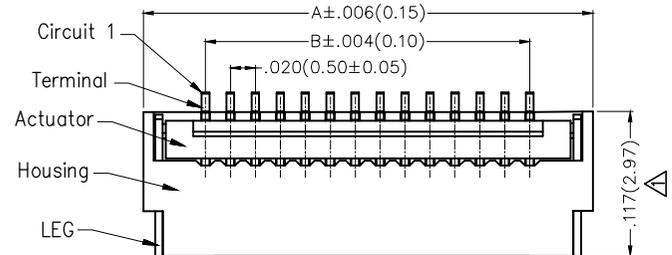


REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD
1	△	Size changes	04/JUN/21	KATE	CHERRY

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

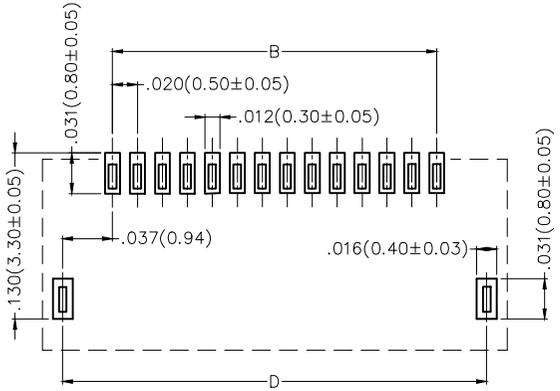


Applicable FFC
 Recommended Dimension
 Thickness .012(0.30±0.03)

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

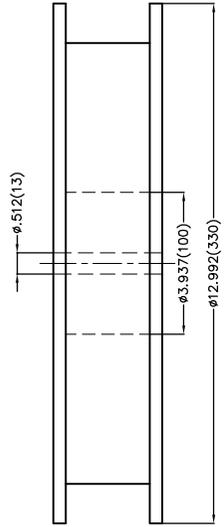
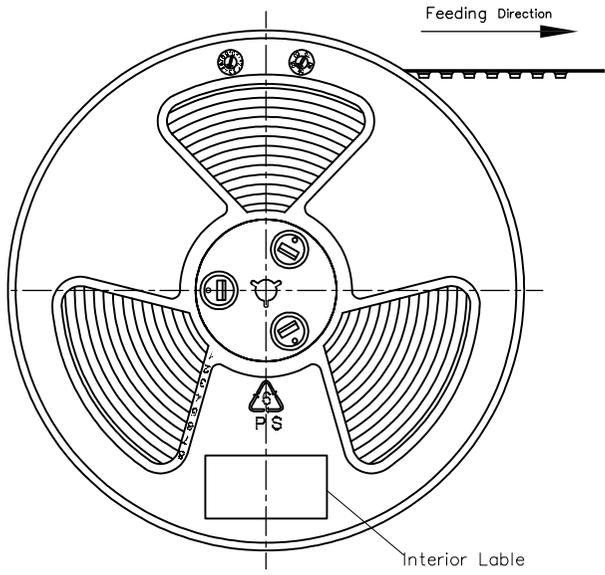
F

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 FRANK	DATE 18/JUN/13	PART NO. FFC05035-XXSBD1X3W5M	ITEM NO. FFC05035	 Leader Of Industry		
	DESIGN UNITS Inch (metric)	$X \pm .012(0.30)$ $X.X \pm .008(0.20)$ $X.XX \pm .006(0.15)$ $X.XXX \pm .004(0.10)$	$X \pm 15^\circ$ $X \pm 2^\circ$ $.XX \pm 1^\circ$ $.XXX \pm 0.5^\circ$	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE FPC/FFC connector 0.5mm Double contact SMT		REV 1	SHEET NO. 2/3
	SCALE 5:1	SIZE A4	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				

1 2 3 4 5 6 7 8

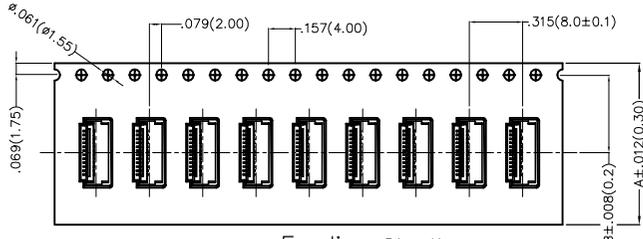
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



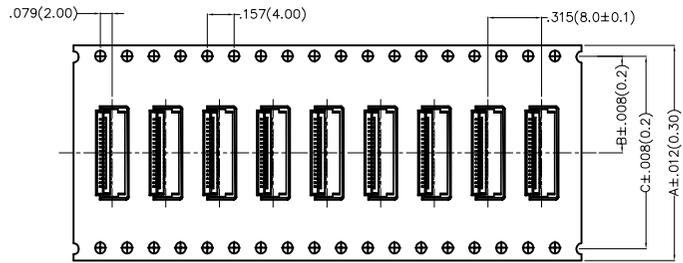
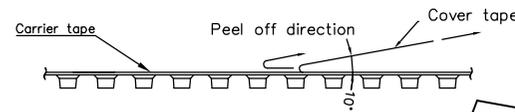
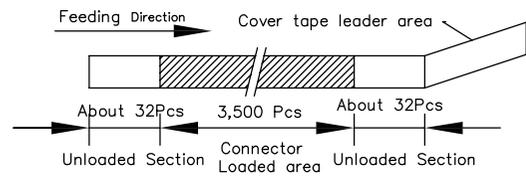
Note:

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

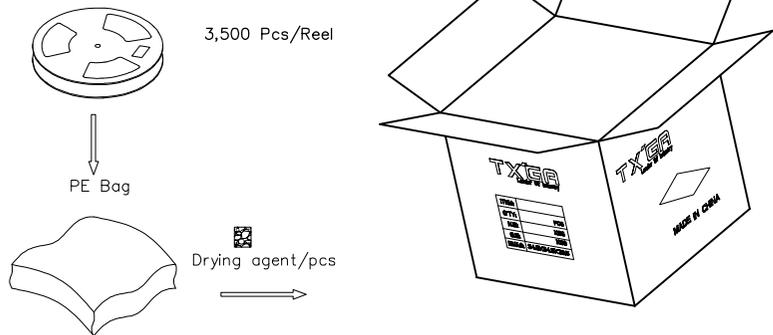
Circuits (n)	Dimensions(in/mm)		
	A	B	C
4~8	.630(16.0)	.295(7.50)	—
9~24	.945(24.0)	.453(11.50)	—
26,30,34	1.260(32.0)	.561(14.25)	1.122(28.50)
40	1.732(44.0)	.797(20.25)	1.594(40.50)



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.±.012(0.30)	X.±5'	CHECKED BY JACOB	DATE 18/JUN/13	TITLE FPC/FFC connector 0.5mm Double contact SMT		
	X.XX±.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		SHEET NO. 3/3
	X.XX±.006(0.15)	.XX'±1'					
	X.XXX±.004(0.10)	.XX'±0.5'					