

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

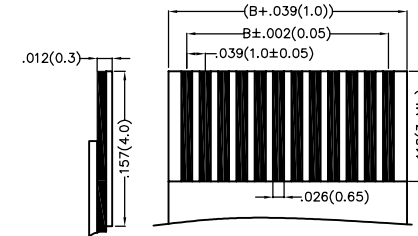
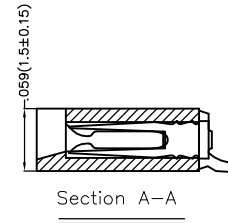
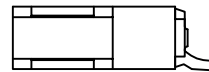
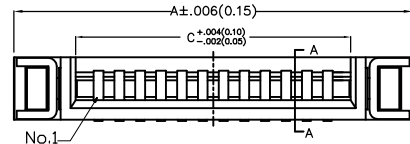
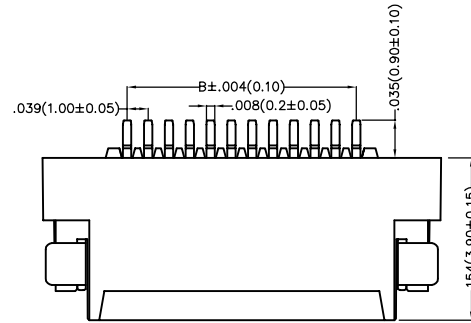
SPECIFICATIONS

Electrical

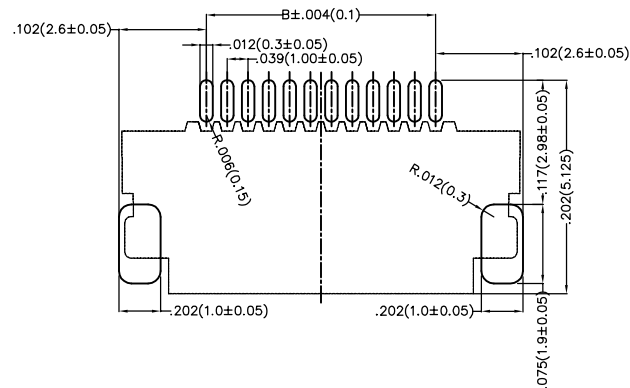
Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 20 m Ω Max
 Insulation Resistance: 500 M Ω MIN
 Withstanding Voltage: 200V AC r.m.s
 Temperature Range—Operating: -25°C~+85°C

Material

Housing: Heat Resistant Polymer UL94V-0
 Actuator: Heat Resistant Polymer UL94V-0
 Contact: Phosphor Bronze/Tin Plated/Gold Plated
 Stopper: Copper Alloy/Tin Plated/Gold Plated



Applicable FFC
 Recommended Dimension



Recommended P.C.Board Layout

Ordering Information

FFC 100 22 — XX S B D 2 2 4 W5 M
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FFC-FPC	2 Series Number 100-Pitch1.00mm	3 Distinction No. 22	4 Circuits XX	5 Assemble Layout S-SMT	6 Entry Angle B-90° Angle
7 Contact Point D-Double Contact	8 ZIF 2-NON ZIF	9 Plating 2-Tin Plated	10 Material-Resin 4-PA9T	11 Color-Resin W5-White	12 Packaging M-Reel

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/JUL/13	PART NO. FFC10022-XXSBD224W5M	ITEM NO. FFC10022	 Building Technology Cornerstone
	DESIGN UNITS Inch (metric)	X.±.012(0.30) 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 5/JUL/13	TITLE FPC/FFC Connector 1.00mm Double Contact SMT	
SCALE 5:1	SIZE A4	DRAWN BY JACOB		DATE 5/JUL/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

A

B

C

D

E

F

A

B



C

D

E

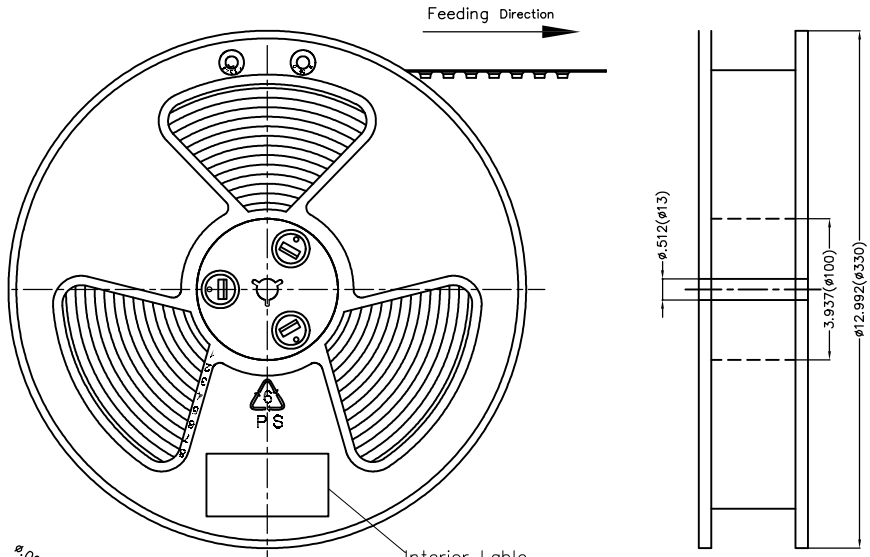
F

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
4	FFC10022-04SBD224W5M	.316(8.03)	.118(3.00)	.200(5.07)
5	FFC10022-05SBD224W5M	.356(9.03)	.157(4.00)	.239(6.07)
6	FFC10022-06SBD224W5M	.395(10.03)	.197(5.00)	.278(7.07)
8	FFC10022-08SBD224W5M	.474(12.03)	.276(7.00)	.357(9.07)
10	FFC10022-10SBD224W5M	.552(14.03)	.354(9.00)	.436(11.07)
12	FFC10022-12SBD224W5M	.631(16.03)	.433(11.00)	.515(13.07)
18	FFC10022-18SBD224W5M	.867(22.03)	.669(17.00)	.751(19.07)
24	FFC10022-24SBD224W5M	1.104(28.03)	.906(23.00)	.987(25.07)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 5/JUL/13	PART NO. FFC10022-XXSBD224W5M	ITEM NO. FFC10022	 TXGA Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 5/JUL/13	TITLE FPC/FFC Connector 1.00mm Double Contact SMT		REV 0
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'	DRAWN BY JACOB	DATE 5/JUL/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

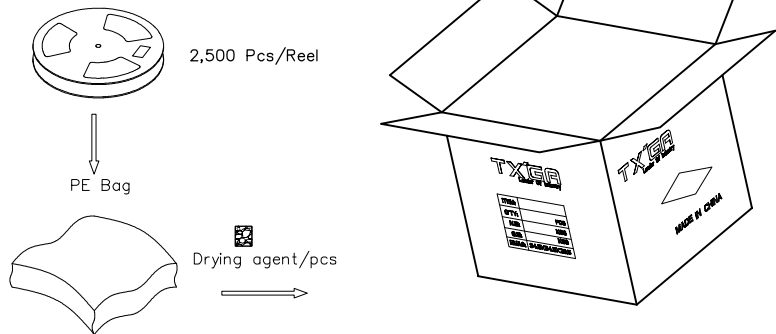
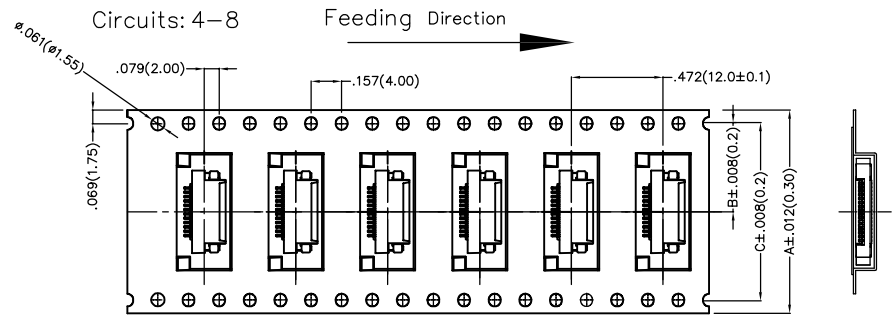
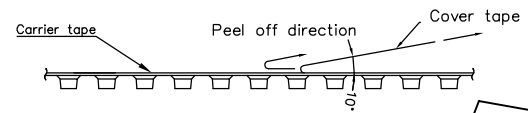
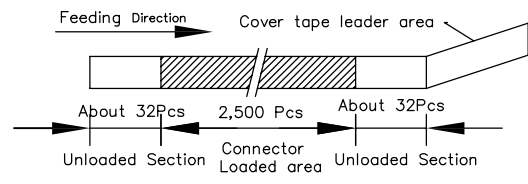
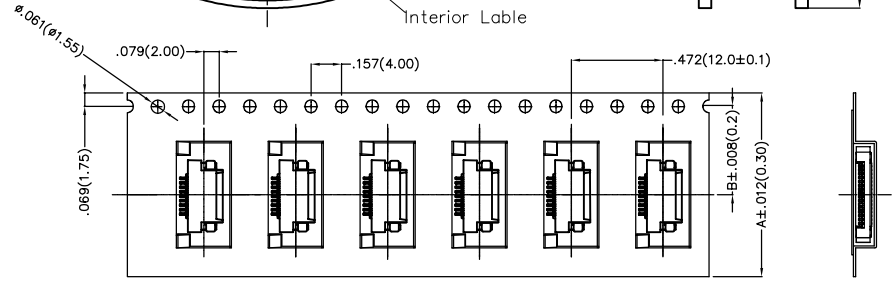
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Note:

- 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: 2.0g ~ 1.30g (0.2N ~ 1.3N)
- Component load per 13" reel: 2,500 pcs

Circuits (n)	Dimensions (in/mm)		
	A	B	C
4~8	.945(24.0)	.453(11.5)	—
10~12	1.260(32.0)	.561(14.25)	1.033(28.50)
18~24	1.732(44.0)	.797(20.25)	1.594(40.50)



Circuits: 4-8 Feeding Direction

Circuits: 10-24 Feeding Direction

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone	
	X.±.012(0.30)	X.±5'	FRANK	18/JUN/13	FFC10022-XXSBD224W5M	FFC10022		
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		REV 0 SHEET NO. 3/3
	SCALE	X.XX±.006(0.15)	.XX±1'	JACOB	18/JUN/13	FFC Connector 1.00mm		
SIZE 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			
5:1			CHERRY	18/JUN/13				