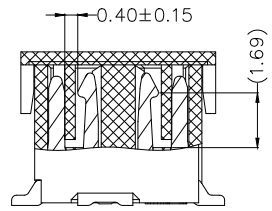
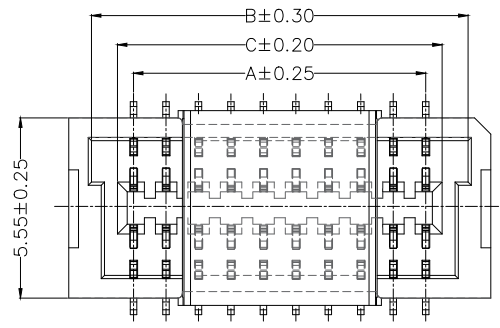
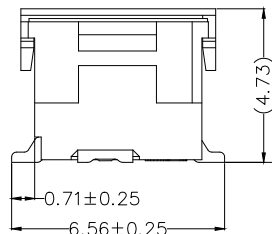
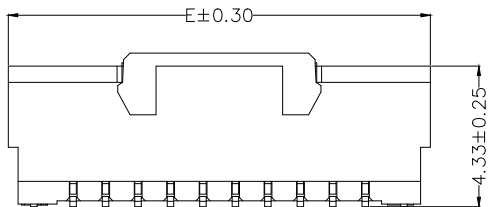


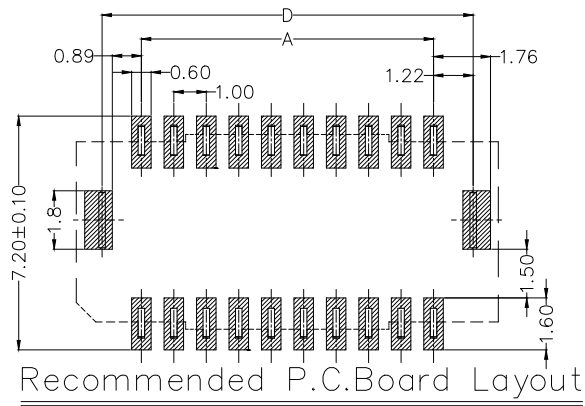
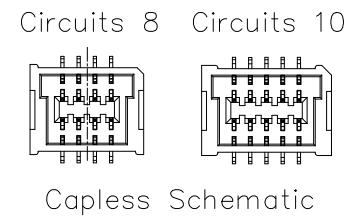
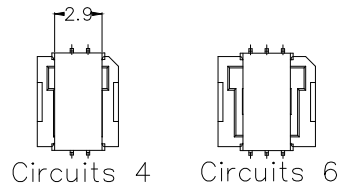
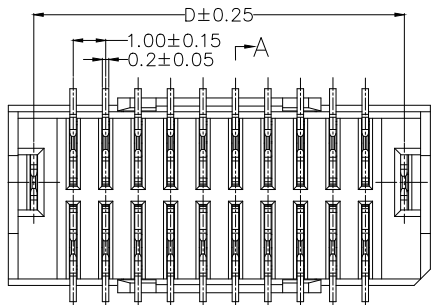
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SEC: A-A



	0.10	Circuits 08~20
	0.12	Circuits 22~40



Recommended P.C.Board Layout

Tolerance ±0.05mm

SPECIFICATIONS

Electrical

Current Rating: 1A AC/DC
 Voltage Rating: 50V AC
 Contact Resistance: ≤20mΩ(Initial) per contact, ≤40mΩ Change allowed.
 Insulation Resistance: 100 MΩ MIN
 Withstanding Voltage: 500V AC/MINUTE
 Temperature Range-Operating: -40°C~+105°C

Material

Housing: LCP (UL94V-0), Natural
 Terminal: Copper Alloy, Tin-Plated
 Solder Tab: Copper Alloy, Tin-Plated
 Mates With Housing: FHG10008 Series

Ordering Information

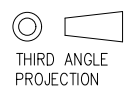

FWF 100 14 - D XX S 8 3 NA M
 1 2 3 4 5 6 7 8 9 10

1	Category	2	Series Number	3	Distinction No.	4	Row Option	5	Circuits
	FWF-Wafer		100-Pitch1.00mm		03		D-Double row		XX
6	Entry Angle	7	Plating	8	Material-Resin	9	Color-Resin	10	Packaging
	S-180° Vertical		8-Bright tin Plated		3-LCP		NA-Natural		M-Reel

 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone REV 0 SHEET NO. 1/3
	X. ±0.30	X.* ±5'	LEO	03/NOV/21	FWF10014-DXXS83NAM	FWF10014	
	X.X ±0.20	X.X' ±2'	CHECKED BY	DATE	TITLE		
	X.XX ±0.15	X.XX' ±1'	GISELLE	03/NOV/21	Wire to Board Pitch 1.00mm (Wafer)		
X.XXX ±0.10	X.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			
		PYD	03/NOV/21				

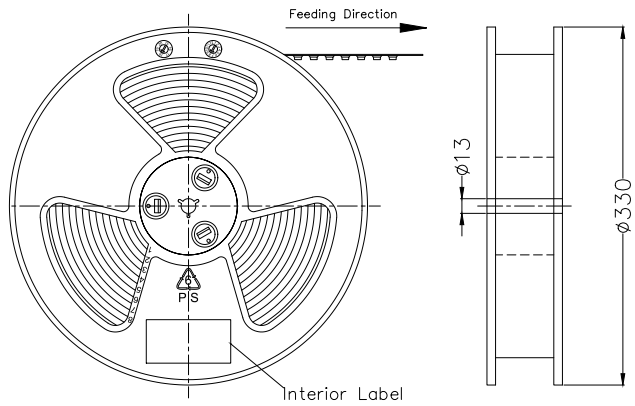
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part NO.	Dimensions				
		A	B	C	D	E
4	FWF10014-D04S83NAM	1.00	3.60	2.00	3.42	5.00
6	FWF10014-D06S83NAM	2.00	4.60	3.00	4.42	6.00
8	FWF10014-D08S83NAM	3.00	5.60	4.00	5.42	7.00
10	FWF10014-D10S83NAM	4.00	6.60	5.00	6.42	8.00
12	FWF10014-D12S83NAM	5.00	7.60	6.00	7.42	9.00
14	FWF10014-D14S83NAM	6.00	8.60	7.00	8.42	10.00
16	FWF10014-D16S83NAM	7.00	9.60	8.00	9.42	11.00
18	FWF10014-D18S83NAM	8.00	10.60	9.00	10.42	12.00
20	FWF10014-D20S83NAM	9.00	11.60	10.00	11.42	13.00
22	FWF10014-D22S83NAM	10.00	12.60	11.00	12.42	14.00
24	FWF10014-D24S83NAM	11.00	13.60	12.00	13.42	15.00
26	FWF10014-D26S83NAM	12.00	14.60	13.00	14.42	16.00
28	FWF10014-D28S83NAM	13.00	15.60	14.00	15.42	17.00
30	FWF10014-D30S83NAM	14.00	16.60	15.00	16.42	18.00
32	FWF10014-D32S83NAM	15.00	17.60	16.00	17.42	19.00
34	FWF10014-D34S83NAM	16.00	18.60	17.00	18.42	20.00
36	FWF10014-D36S83NAM	17.00	19.60	18.00	19.42	21.00
38	FWF10014-D38S83NAM	18.00	20.60	19.00	20.42	22.00
40	FWF10014-D40S83NAM	19.00	21.60	20.00	21.42	23.00
42	FWF10014-D42S83NAM	20.00	22.60	21.00	22.42	24.00
44	FWF10014-D44S83NAM	21.00	23.60	22.00	23.42	25.00
46	FWF10014-D46S83NAM	22.00	24.60	23.00	24.42	26.00
48	FWF10014-D48S83NAM	23.00	25.60	24.00	25.42	27.00
50	FWF10014-D50S83NAM	24.00	26.60	25.00	26.42	28.00

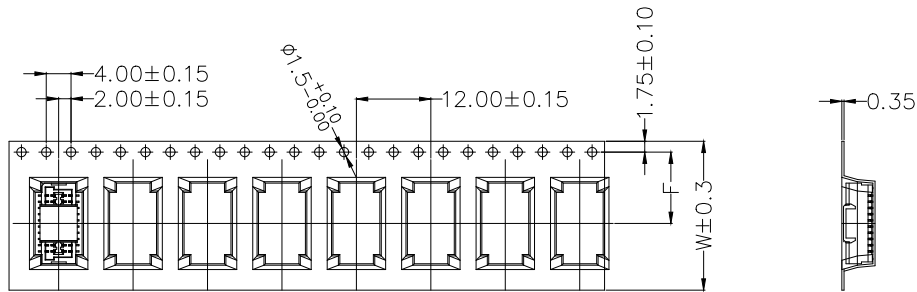
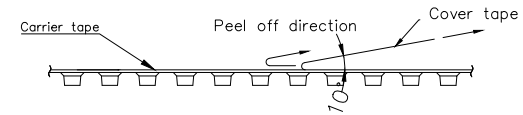
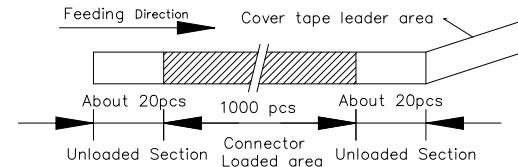
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone REV 0 SHEET NO. 2/3
	X. ±0.30	X.* ±5'	LEO	03/NOV/21	FWF10014-DXXS83NAM	FWF10014	
	DESIGN UNITS mm		CHECKED BY	DATE	TITLE		
	X.X ±0.20	X.X' ±2'	GISELLE	03/NOV/21	Wire to Board Pitch 1.00mm (Wafer)		
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'	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 ±0.10	X.XXX' ±0.5'	PYD	03/NOV/21		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

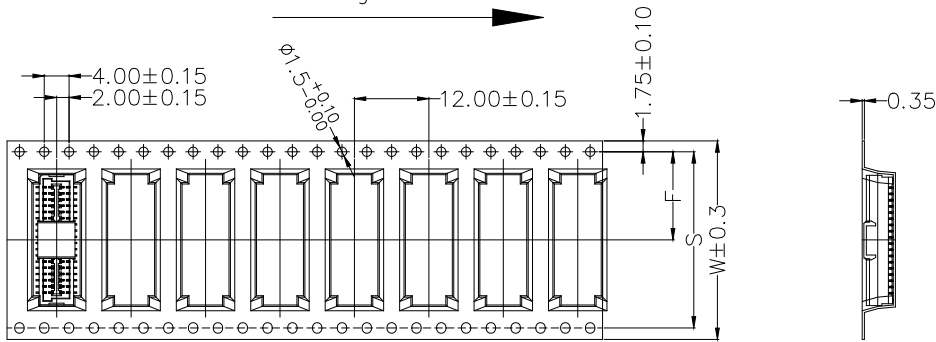
A
B
C
D
E
F



- 10 sprocket hole cumulative tolerance ± 0.2
- Carrier camber is within 1.0mm in 250mm
- Material: Clear 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: 1000 pcs

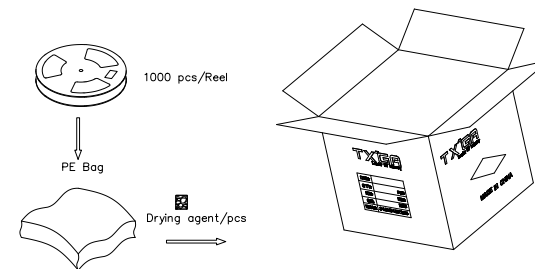


Circuits: 4~26 Feeding Direction



Circuits: 28~50 Feeding Direction

Circuits (n)	Dimensions		
	W	S	F
4~10	16	—	7.5
12~26	24	—	11.5
28~36	32	28.4	14.2
38~50	44	40.4	20.2



 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 03/NOV/21	PART NO. FWF10014-DXXS83NAM	ITEM NO. FWF10014	 Building Technology Cornerstone
	X. ±0.30	X.* ±5'	CHECKED BY GISELLE	DATE 03/NOV/21	TITLE Wire to Board Pitch 1.00mm (Wafer)		
	X.X ±0.20	X.X' ±2'	DRAWN BY PYD	DATE 03/NOV/21	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 ±0.15	X.XX' ±1'					