

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

**Electrical**  
 Current Rating: 1A AC(rms)/DC(AWG32)  
 Voltage Rating: 50V AC(rms)/DC  
 Contact Resistance: 20 mΩ Max  
 Insulation Resistance: 100 MΩ MIN  
 Withstanding Voltage: 500V AC r.m.s  
 Temperature Range—Operating: -25°C~+85°C  
 Material and Plating  
 Housing: PA9T UL 94V-0)  
 Contact Pin: Brass  
 Plating: Gold Plated

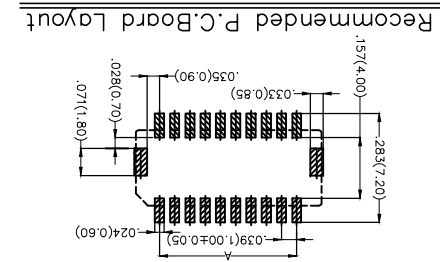
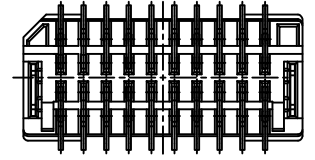
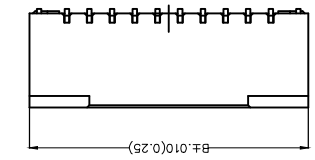
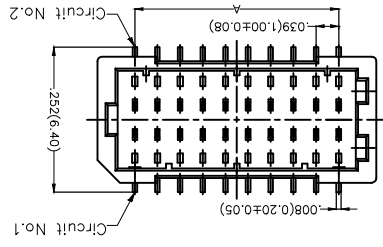
Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
10	FWF10003-D10S14W5M	.157(4.00)	.287(7.30)
12	FWF10003-D12S14W5M	.276(5.00)	.406(8.30)
16	FWF10003-D16S14W5M	.276(7.00)	.406(10.30)
20	FWF10003-D20S14W5M	.354(9.00)	.484(12.30)
30	FWF10003-D30S14W5M	.551(14.00)	.681(17.30)
40	FWF10003-D40S14W5M	.748(19.00)	.878(22.30)
50	FWF10003-D50S14W5M	.945(24.00)	1.075(27.30)

### Ordering Information

FWF 100 03 - D XX S 1 4 W5 M  
 1 2 3 4 5 6 7 8 9 10

1	Category	FWF-Wafer
2	Series Number	100-Pitch1.0mm
3	Distinction No.	03
4	Row Option	Double Row
5	Circuits	XX
6	Entry Angle	S-180° Vertical
7	Plating	1-Gold Plated
8	Material-Resin	4-PA9T
9	Color-Resin	WS-White
10	Packaging	M-Reel

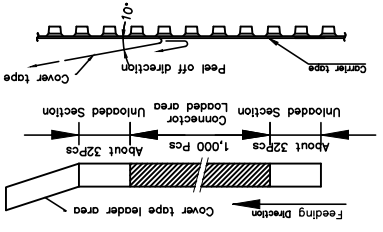
APPROVE BY	DATE	PART NO.	ITEM NO.
FRANK	28/JUN/13	FWF10003-DXXS14W5M	FWF10003
CHECKED BY	DATE	TITLE	
JACOB	28/JUN/13	Wire to Board (Wafer)	
DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(SZ)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
CHERRY	28/JUN/13		
SCALE	SIZE		
5:1	A4		
DESIGN UNITS	Inch (metric)		
X.X±.008(0.20)	X.±.2		
X.X±.006(0.15)	.XX±.1		
X.X±.004(0.10)	.XXX±.05		
GENERAL TOLERANCES	(UNLESS SPECIFIED)		
THIRD ANGLE			
PROJECTION			



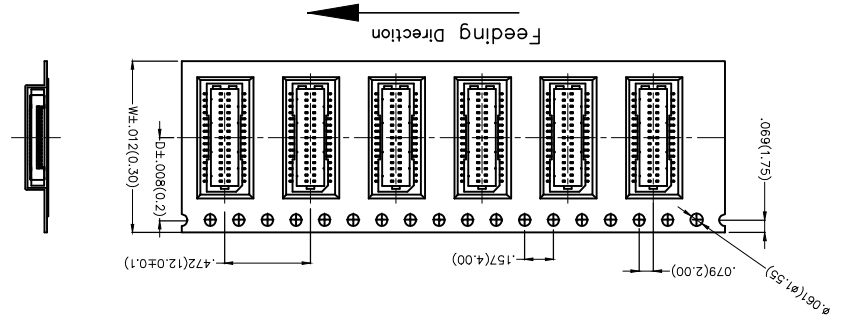
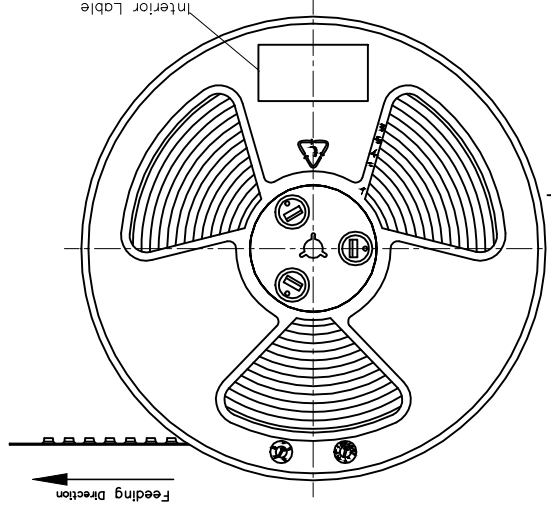
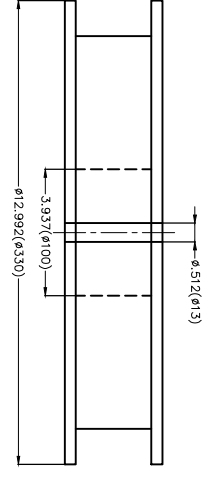
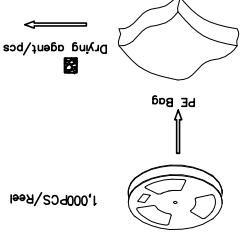
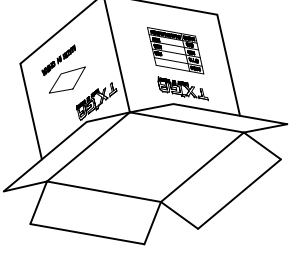
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Note:

1. 10 sprocket hole cumulative tolerance±.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: 1,000 pcs



Circuits (n)	D	W	Dimensions(in/mm)
10	.453(11.50)	.945(24.00)	.453(11.50) .945(24.00)
12	.453(11.50)	.945(24.00)	.453(11.50) .945(24.00)
16	.453(11.50)	.945(24.00)	.453(11.50) .945(24.00)
20	.453(11.50)	.945(24.00)	.453(11.50) .945(24.00)
30	.453(11.50)	.945(24.00)	.453(11.50) .945(24.00)
40	.798(20.20)	1.732(44.00)	.798(20.20) 1.732(44.00)
50	.798(20.20)	1.732(44.00)	.798(20.20) 1.732(44.00)



THIRD ANGLE	PROJECTION	X.±.012(0.30)	CHECKED BY	DATE	28/JUN/13	APPROVE BY	DATE	28/JUN/13	PART NO.	FWF10003-DXXS14WSM	ITEM NO.	FWF10003
DESIGN UNITS	Inch (metric)	X.±.008(0.20)	JACOB	DATE	28/JUN/13	JACOB	DATE	28/JUN/13	TITLE	Wire to Board (Water)	REV 0	SHEET NO. 2/2
SCALE	SIZE	X.XX±.006(0.15)	DRAWN BY	DATE	28/JUN/13	CHEERY	DATE	28/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(SZ)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
GENERAL TOLERANCES	(UNLESS SPECIFIED)	X.±.012(0.30)	FRANK	DATE	28/JUN/13	FRANK	DATE	28/JUN/13	GENERAL TOLERANCES (UNLESS SPECIFIED)			



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