

REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD

Electrical

Current Rating:1A AC(rms)/DC

Voltage Rating:50V AC(rms)/DC

Contact Resistance:20 m Ω Max

Insulation Resistance:100 M Ω MIN

Withstanding Voltage:500V AC r.m.s

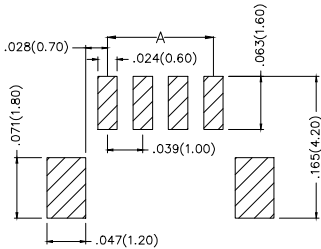
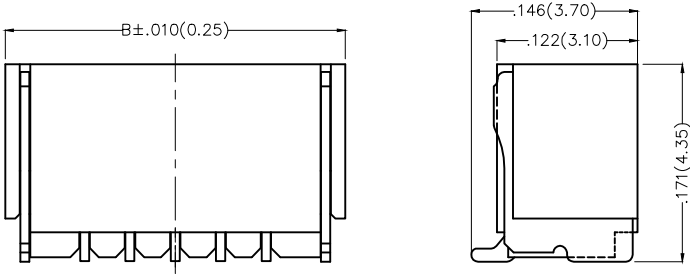
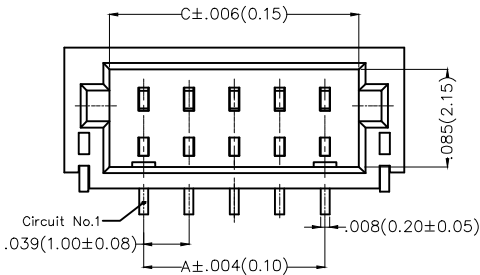
Temperature Range—Operating:−25°C~+85°C

Material and Plating

Housing:PA9T(UL 94V-0)

Contact Pin:Brass/ Tin plated

Solder Tab:Copper alloy/ Tin plated



Recommended P.C.Board Layout

Ordering Information

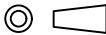
FWF 100 02 — S XX S 2 4 W5 M
1 2 3 4 5 6 7 8 9 10

1	Category FWF—Wafer	2	Series Number 100—Pitch1.0mm	3	Distinction No. 02	4	Row Option Single Row	5	Circuits XX	6	Entry Angle S—180° Vertical
7	Plating 2—Tin Plated	8	Material—Resin 4—PA9T	9	Color—Resin W5—White	10	Packaging M—Reel				

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FWF10002-SXXS24W5M	ITEM NO. FWF10002	 Leader Of Industry		
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE Wire to Board (Wafer) Pitch 1.0mm 180° Vertical (SMT)				
		X.X±.008(0.20)	.X'±2"	JACOB	28/JUN/13					
		X.XX±.006(0.15)	.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±.004(0.10)	.XXX'±0.5"	CHERRY	28/JUN/13					
SCALE 5:1	SIZE A4	REV 0								SHEET NO. 1/3

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

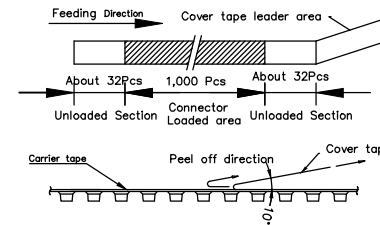
Circuits (n)	Part No.	Dimensions(in/mm)			Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C			A	B	C
2	FWF10002-S02S24W5M	.039(1.00)	.177(4.50)	.102(2.60)	11	FWF10002-S11S24W5M	.394(10.00)	.531(13.50)	.457(11.60)
3	FWF10002-S03S24W5M	.078(2.00)	.217(5.50)	.142(3.60)	12	FWF10002-S12S24W5M	.433(11.00)	.571(14.50)	.496(12.60)
4	FWF10002-S04S24W5M	.118(3.00)	.256(6.50)	.181(4.60)	13	FWF10002-S13S24W5M	.472(12.00)	.610(15.50)	.535(13.60)
5	FWF10002-S05S24W5M	.157(4.00)	.295(7.50)	.220(5.60)	14	FWF10002-S14S24W5M	.512(13.00)	.650(16.50)	.575(14.60)
6	FWF10002-S06S24W5M	.197(5.00)	.335(8.50)	.260(6.60)	15	FWF10002-S15S24W5M	.551(14.00)	.689(17.50)	.614(15.60)
7	FWF10002-S07S24W5M	.236(6.00)	.374(9.50)	.299(7.60)	16	FWF10002-S16S24W5M	.591(15.00)	.728(18.50)	.654(16.60)
8	FWF10002-S08S24W5M	.276(7.00)	.413(10.50)	.339(8.60)	17	FWF10002-S17S24W5M	.630(16.00)	.768(19.50)	.693(17.60)
9	FWF10002-S09S24W5M	.315(8.00)	.453(11.50)	.378(9.60)	18	FWF10002-S18S24W5M	.669(17.00)	.807(20.50)	.732(18.60)
10	FWF10002-S10S24W5M	.354(9.00)	.492(12.50)	.417(10.60)	20	FWF10002-S20S24W5M	.748(19.00)	.886(22.50)	.811(20.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FWF10002-SXXS24W5M	ITEM NO. FWF10002	 Leader Of Industry	
	X.±.012(0.30)	X'.±5'	CHECKED BY	DATE	TITLE Wire to Board (Wafer) Pitch 1.0mm 180° Vertical (SMT)			
	X.X±.008(0.20)	X'.±2'	JACOB	28/JUN/13				REV 0
	DESIGN UNITS Inch (metric)	X.XX±.006(0.15)	.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		
	SCALE 5:1	X.XXX±.004(0.10)	.XXX'±0.5'	CHERRY	28/JUN/13			
SIZE A4								

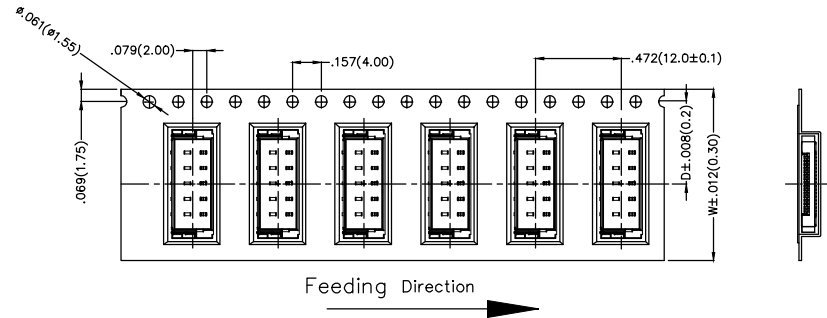
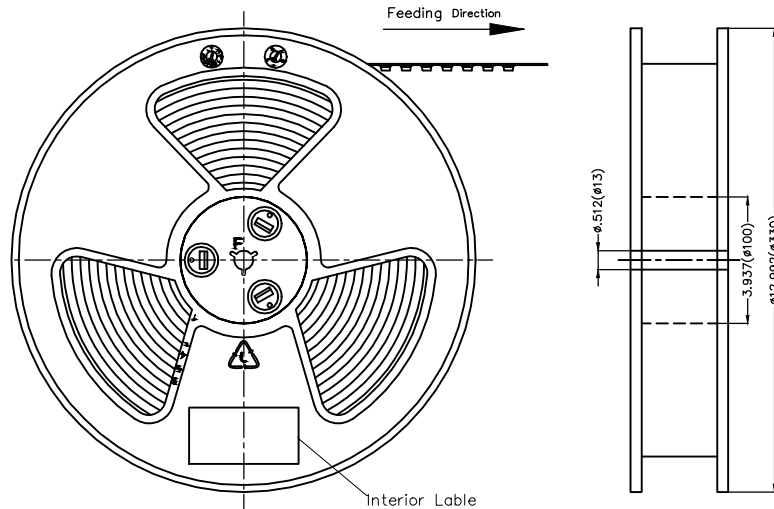
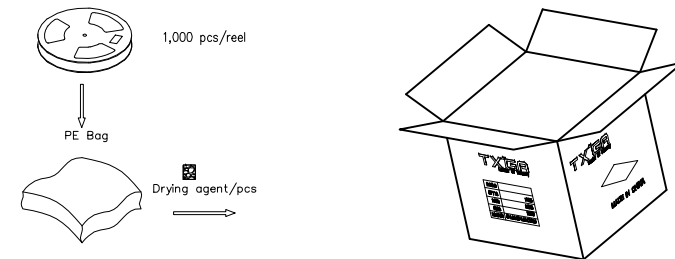
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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: 1,000 pcs



Circuits (n)	Dimensions(in/mm)		Circuits (n)	Dimensions(in/mm)	
	D	W		D	W
2	.295(7.50)	.630(16.00)	12	.453(11.50)	.945(24.00)
3	.295(7.50)	.630(16.00)	13	.453(11.50)	.945(24.00)
4	.295(7.50)	.630(16.00)	14	.453(11.50)	.945(24.00)
5	.295(7.50)	.630(16.00)	15	.453(11.50)	.945(24.00)
6	.295(7.50)	.630(16.00)	16	.453(11.50)	.945(24.00)
7	.295(7.50)	.630(16.00)	17	.798 (20.20)	1.732 (44.0)
8	.295(7.50)	.630(16.00)	18	.798 (20.20)	1.732 (44.0)
9	.295(7.50)	.630(16.00)	20	.798 (20.20)	1.732 (44.0)
10	.453(11.50)	.945(24.00)			
11	.453(11.50)	.945(24.00)			



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FWF10002-SXXS24W5M	ITEM NO. FWF10002	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	CHECKED BY JACOB	DATE 28/JUN/13	TITLE Wire to Board (Wafer) Pitch 1.0mm 180° Vertical (SMT)			
SCALE 5:1		X.XX±.006(0.15)	.XX'±1°	DRAWN BY CHERRY	DATE 28/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 0	SHEET NO. 3/3
SIZE A4		X.XXX±.004(0.10)	.XXX'±0.5°						

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