

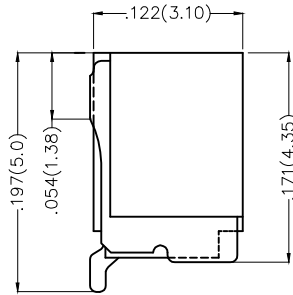
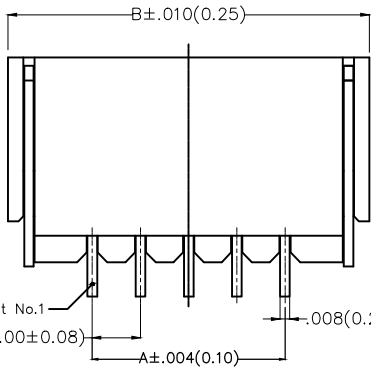
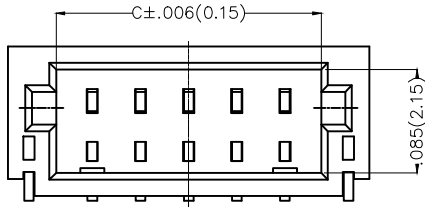
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Add Keep out area	08/JAN/20	KATE	CHERRY
2		Change the packaging specification	17/NOV/20	KATE	CHERRY

Electrical

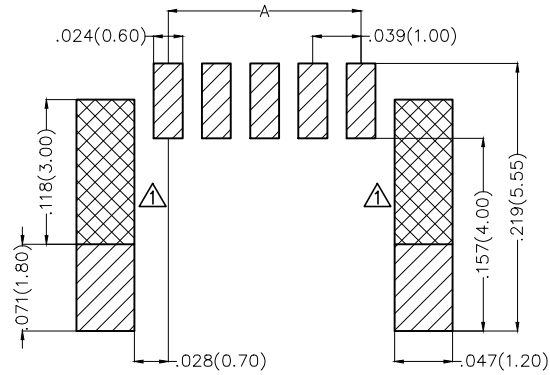
Current Rating: 1A AC(rms)/DC  
Voltage Rating: 50V AC(rms)/DC  
Contact Resistance: 20 mΩ Max  
Insulation Resistance: 100 MΩ MIN  
Withstanding Voltage: 500V AC r.m.s  
Temperature Range-Operating: -25°C~+85°C

Material and Plating

Housing: PA9T( UL 94V-0)  
Contact Pin: Brass/ Tin plated  
Solder Tab: Copper alloy/ Tin plated



Circuit No.1  
.039(1.00±0.08)  
A±.004(0.10)  
.008(0.20±0.05)



Recommended P.C.Board Layout

Ordering Information

FWF 100 01 — S XX B 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. 01	4   Row Option Single Row	5   Circuits XX	6   Entry Angle B-90° Angle
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	DATE	PART NO.	ITEM NO.	 Leader Of Industry	
DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5°	CHECKED BY	FRANK	28/JUN/13	FWF10001-SXXB24W5M	FWF10001		 Leader Of Industry
	X.X±.008(0.20)	.X'±2'	JACOB	DATE	28/JUN/13	TITLE Wire to Board (Wafer) Pitch 1.0mm 90° Angle (SMT)		REV 2	
	SCALE 5:1	X.XX±.006(0.15)	.XX'±1'	DRAWN BY	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		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

B

B

C

C

D

D

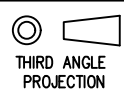

E

E

F

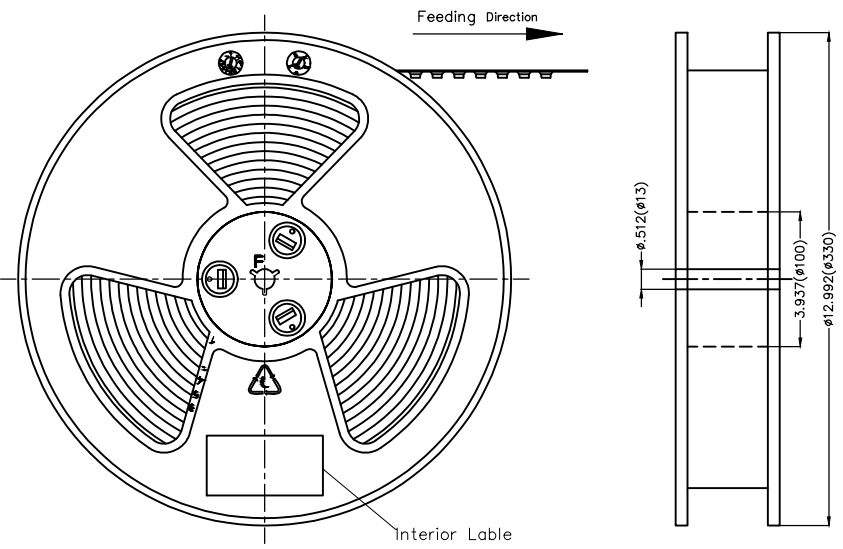
F

Circuits (n)	Part No.	Dimensions(in/mm)			Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C			A	B	C
2	FWF10001-S02B24W5M	.039(1.00)	.177(4.50)	.102(2.60)	11	FWF10001-S11B24W5M	.394(10.00)	.531(13.50)	.457(11.60)
3	FWF10001-S03B24W5M	.078(2.00)	.217(5.50)	.142(3.60)	12	FWF10001-S12B24W5M	.433(11.00)	.571(14.50)	.496(12.60)
4	FWF10001-S04B24W5M	.118(3.00)	.256(6.50)	.181(4.60)	13	FWF10001-S13B24W5M	.472(12.00)	.610(15.50)	.535(13.60)
5	FWF10001-S05B24W5M	.157(4.00)	.295(7.50)	.220(5.60)	14	FWF10001-S14B24W5M	.512(13.00)	.650(16.50)	.575(14.60)
6	FWF10001-S06B24W5M	.197(5.00)	.335(8.50)	.260(6.60)	15	FWF10001-S15B24W5M	.551(14.00)	.689(17.50)	.614(15.60)
7	FWF10001-S07B24W5M	.236(6.00)	.374(9.50)	.299(7.60)	16	FWF10001-S16B24W5M	.591(15.00)	.728(18.50)	.654(16.60)
8	FWF10001-S08B24W5M	.276(7.00)	.413(10.50)	.339(8.60)	17	FWF10001-S17B24W5M	.630(16.00)	.768(19.50)	.693(17.60)
9	FWF10001-S09B24W5M	.315(8.00)	.453(11.50)	.378(9.60)	18	FWF10001-S18B24W5M	.669(17.00)	.807(20.50)	.732(18.60)
10	FWF10001-S10B24W5M	.354(9.00)	.492(12.50)	.417(10.60)	20	FWF10001-S20B24W5M	.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. FWF10001-SXXB24W5M	ITEM NO. FWF10001	 Leader Of Industry	
	X.±.012(0.30)	X.±5°	CHECKED BY JACOB	DATE 28/JUN/13	TITLE Wire to Board (Wafer) Pitch 1.0mm 90° Angle (SMT)			REV 2
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X±2°	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		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1°	X.XXX±.004(0.10)	.XXX±0.5°		

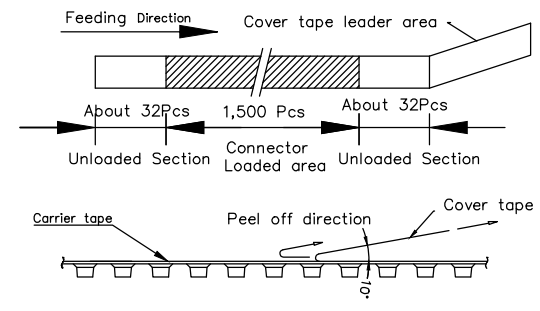
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

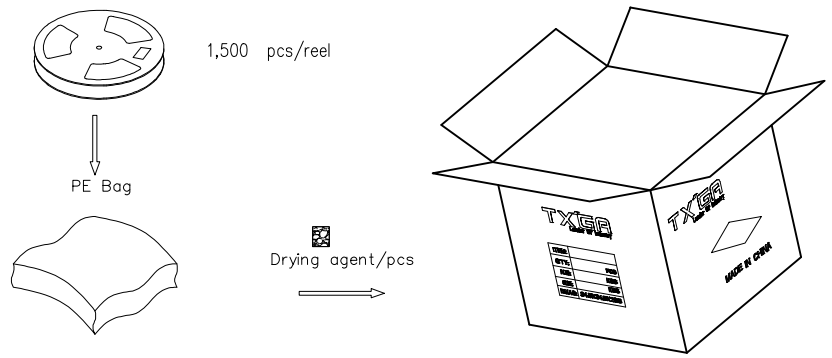
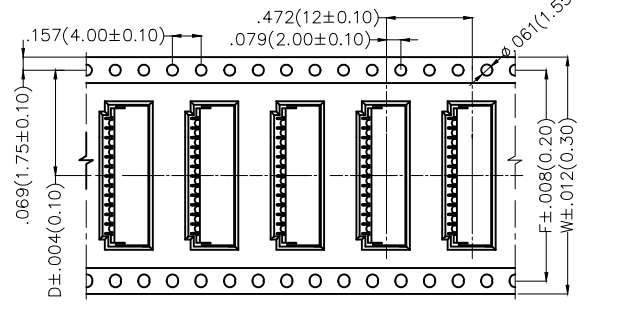
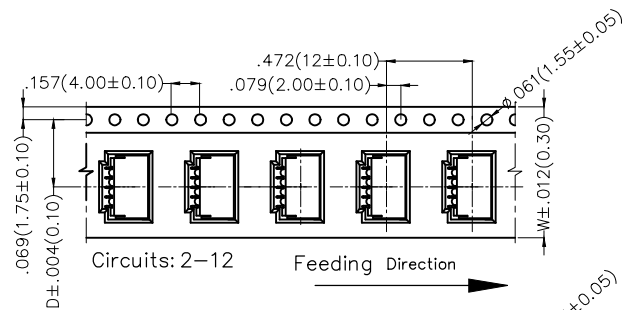


Note:

1. 10 sprocket hole cumulative tolerance  $\pm 0.2$
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: 1,500 pcs



Circuits (n)	Dimensions(in/mm)		
	D	W	F
2~5	.295(7.50)	.630(16.00)	-
6~12	.453(11.50)	.945(24.00)	-
13~16	.561(14.25)	1.260(32.00)	1.122(28.50)
17~20	.797(20.25)	1.732(44.00)	1.594(40.50)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 28/JUN/13	PART NO. FWF10001-SXXB24W5M	ITEM NO. FWF10001	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X. $\pm$ .012(0.30)	X. $\pm$ 5'	CHECKED BY JACOB	DATE 28/JUN/13	TITLE Wire to Board (Wafer) Pitch 1.0mm 90° Angle (SMT)	
SCALE 5:1	SIZE A4	X.XX $\pm$ .006(0.15)	.XX $\pm$ 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	
		X.XXX $\pm$ .004(0.10)	.XXX $\pm$ 0.5'			REV 2	SHEET NO. 3/3

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