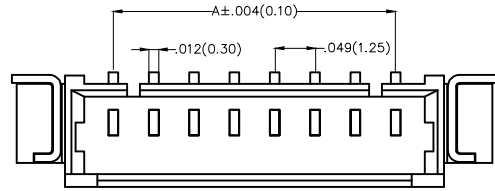
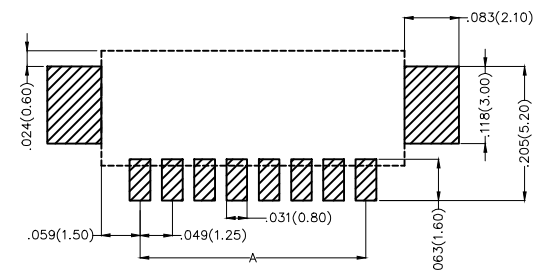
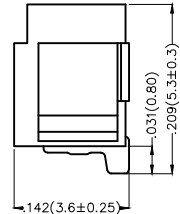
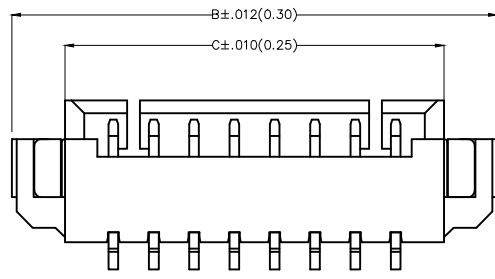


REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD



Electrical  
 Current Rating: 1.0A AC(rms)/DC  
 Voltage Rating: 125V AC(rms)/DC  
 Contact Resistance: 20 m Ω Max  
 Insulation Resistance: 100 M Ω MIN  
 Withstanding Voltage: 250V AC r.m.s  
 Temperature Range—Operating: -40°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 125 04 — S XX B X 4 W5 M  
 1 2 3 4 5 6 7 8 9 10

1 Category FWF-Wafer	2 Series Number 125-Pitch 1.25mm	3 Distinction No. 04	4 Row Option S-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-Natural	10 Packaging M-Reel		

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 8/JUL/13	PART NO. FWF12504-SXXBX4W5M	ITEM NO. FWF12504	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20)	X.±5° .X'±2'	CHECKED BY JACOB	DATE 8/JUL/13	TITLE Wire to Board (Wafer) Pitch 1.25mm 90° Angle (SMT)		REV 1
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	.XX'±1° .XXX'±0.5°	DRAWN BY CHERRY	DATE 8/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	REVISED	APPD

A

A

B

B

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
2	FWF12504-S02B24W5M	.049(1.25)	.297(7.55)	.167(4.25)
3	FWF12504-S03B24W5M	.098(2.50)	.346(8.80)	.217(5.50)
4	FWF12504-S04B24W5M	.147(3.75)	.396(10.05)	.266(6.75)
5	FWF12504-S05B24W5M	.197(5.00)	.445(11.30)	.315(8.00)
6	FWF12504-S06B24W5M	.246(6.25)	.494(12.55)	.364(9.25)
7	FWF12504-S07B24W5M	.295(7.50)	.543(13.80)	.413(10.50)
8	FWF12504-S08B24W5M	.344(8.75)	.593(15.05)	.463(11.75)
9	FWF12504-S09B24W5M	.394(10.00)	.642(16.30)	.512(13.00)
10	FWF12504-S10B24W5M	.443(11.25)	.691(17.55)	.561(14.25)
11	FWF12504-S11B24W5M	.492(12.50)	.740(18.80)	.610(15.50)
12	FWF12504-S12B24W5M	.541(13.75)	.789(20.05)	.659(16.75)
13	FWF12504-S13B24W5M	.591(15.00)	.839(21.30)	.709(18.00)
14	FWF12504-S14B24W5M	.640(16.25)	.888(22.55)	.758(19.25)
15	FWF12504-S15B24W5M	.689(17.50)	.937(23.80)	.807(20.50)

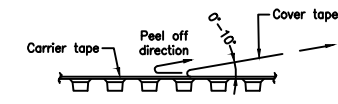
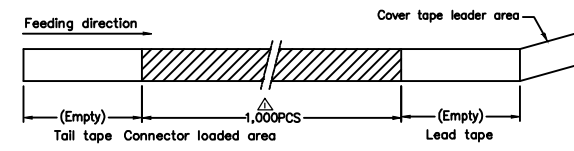
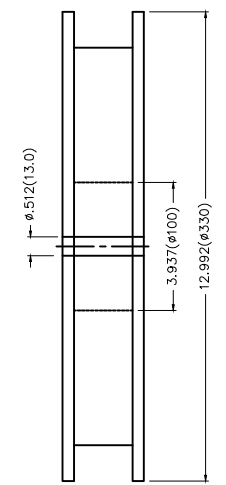
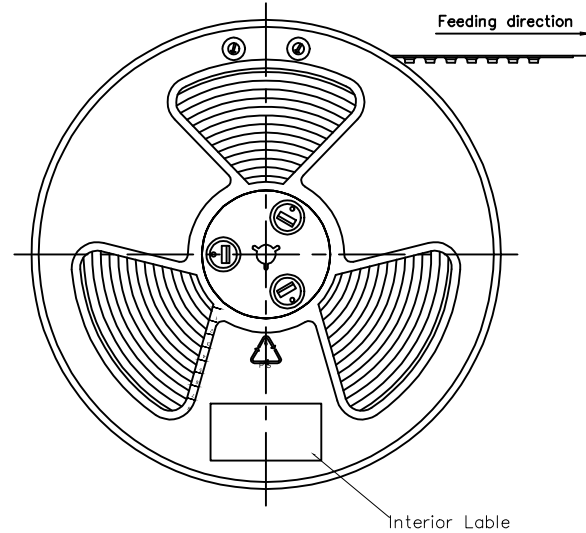
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 8/JUL/13	PART NO. FWF12504-SXXBX4W5M	ITEM NO. FWF12504	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5°	CHECKED BY JACOB	DATE 8/JUL/13	TITLE Wire to Board (Wafer) Pitch 1.25mm 90° Angle (SMT)		REV 1
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1°	DRAWN BY CHERRY	DATE 8/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

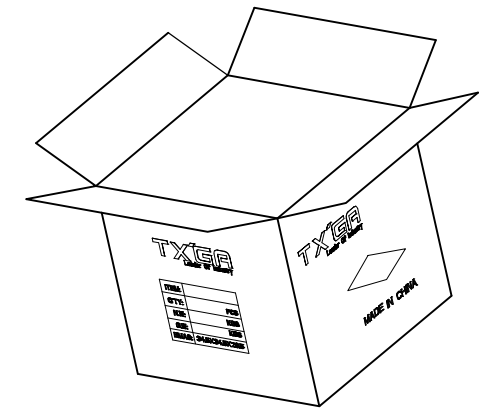
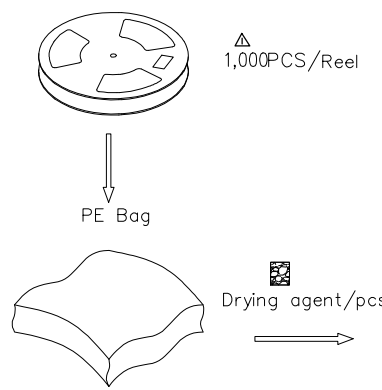
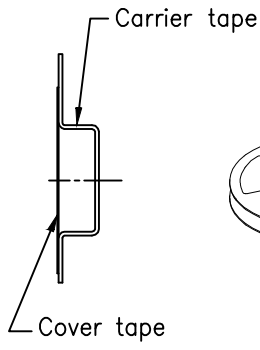
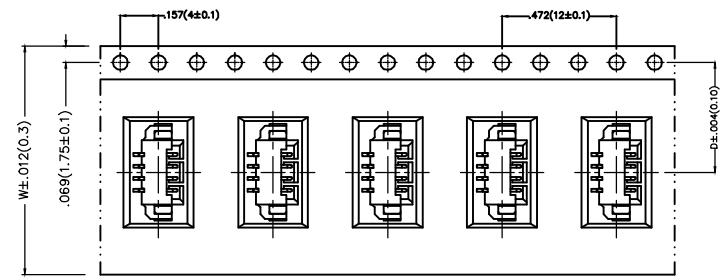
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	MPQ 1500PCS/Reel Change to 1000PCS/Reel	20150811	CHERRY	JACOB

Note:

- 10 sprocket hole cumulative tolerance  $\pm 0.2$
- Carrier camber is within 1.0mm in 100mm
- Material: White Conductive polystyrene Alloy 100% recyclable
- All dimensions meet EIA-481-3 requirements
- 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)	10	.559(14.20)	1.260(32.00)
3	.295(7.50)	.630(16.00)	11	.559(14.20)	1.260(32.00)
4	.453(11.50)	.945(24.00)	12	.559(14.20)	1.260(32.00)
5	.453(11.50)	.945(24.00)	13	.795(20.20)	1.732(44.00)
6	.453(11.50)	.945(24.00)	14	.795(20.20)	1.732(44.00)
7	.559(14.20)	1.260(32.00)	15	.795(20.20)	1.732(44.00)
8	.559(14.20)	1.260(32.00)			
9	.559(14.20)	1.260(32.00)			



Feeding direction

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Leader Of Industry
	X. $\pm$ 0.012(0.30)	X. $\pm$ 5'	FRANK	8/JUL/13	FWF12504-SXXBX4W5M	FWF12504	
	X.X $\pm$ 0.008(0.20)	.X $\pm$ 2'	CHECKED BY	DATE	TITLE		
	X.XX $\pm$ 0.006(0.15)	.XX $\pm$ 1'	JACOB	8/JUL/13	Wire to Board (Wafer) Pitch 1.25mm 90° Angle (SMT)		
SCALE	SIZE	X.XXX $\pm$ 0.004(0.10)	.XXX $\pm$ 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	A4			CHERRY	8/JUL/13	REV 1	SHEET NO. 3/3

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