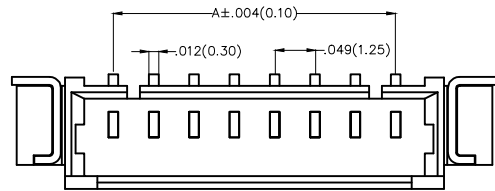
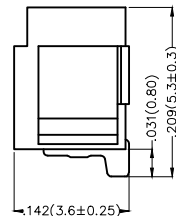
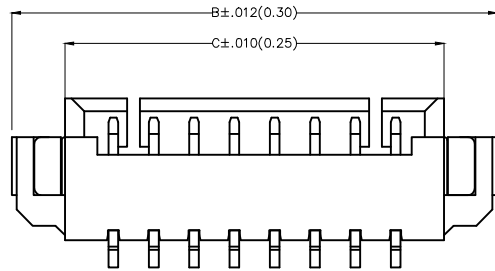


REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD



Electrical

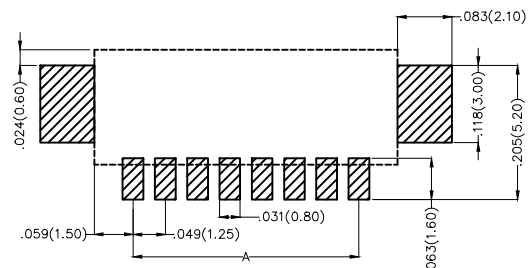
Current Rating: 1.0A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 20 m Ω Max
Insulation Resistance: 100 M Ω MIN
Withstanding Voltage: 250V AC r.m.s
Temperature Range—Operating: -40°C ~ +85°C
Material and Plating
Housing: PA9T(UL 94V-0)
Contact Pin: Brass/ Tin plated
Solder Tab: Copper alloy/ Tin plated



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		



Recommended P.C.Board Layout

 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)	
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	

REV 1 SHEET NO. 1/3



1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A
B
C
D
E
F

A
B
C
D
E
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)

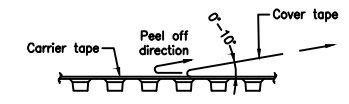
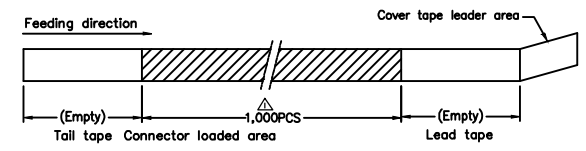
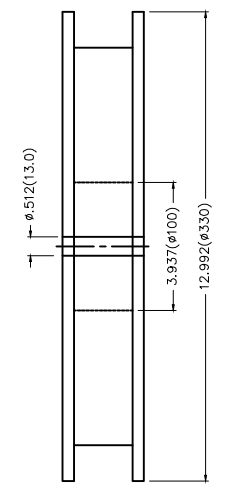
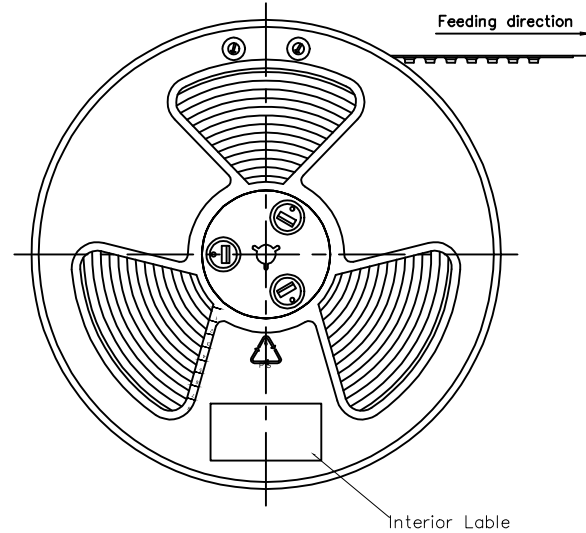
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 8/JUL/13	PART NO. FWF12504-SXXBX4W5M	ITEM NO. FWF12504	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5°	CHECKED BY JACOB	DATE 8/JUL/13	TITLE Wire to Board (Wafer) Pitch 1.25mm 90° Angle (SMT)	
SCALE 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	
						REV 1	SHEET NO. 2/3

1 2 3 4 5 6 7 8

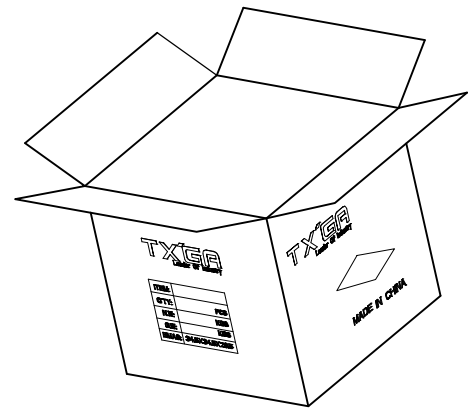
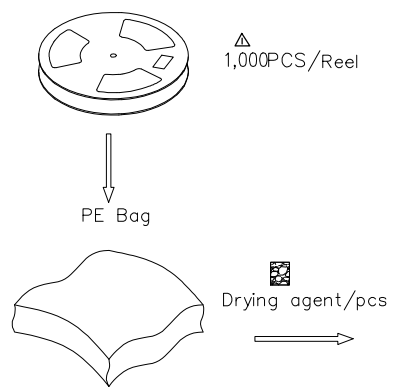
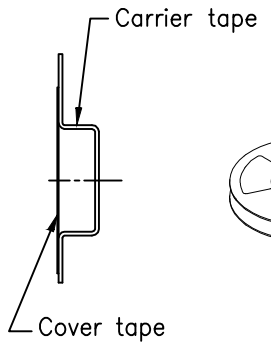
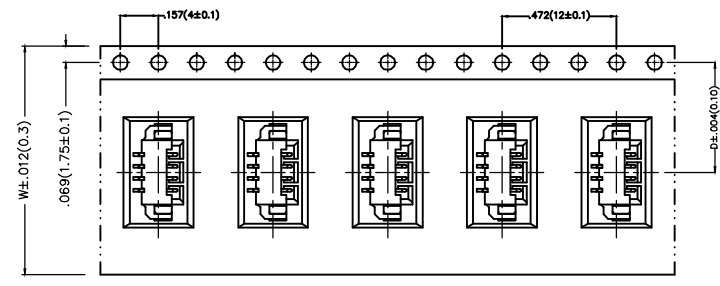
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	MPQ 1500PCS/Reel Change to 1000PCS/Reel	20150811	CHERRY	JACOB

Note:

- 10 sprocket hole cumulative tolerance ± 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

<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Leader Of Industry</p>	
	X. \pm .012(0.30)	X. \pm 5'	FRANK	8/JUL/13	FWF12504-SXXBX4W5M	FWF12504		
	DESIGN UNITS	X.X \pm .008(0.20)	.X \pm 2'	CHECKED BY	DATE	TITLE		REV 1 SHEET NO. 3/3
	Inch (metric)	X.XX \pm .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 .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			

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