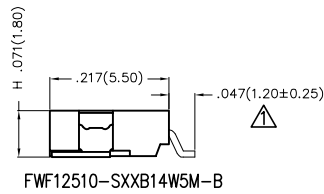
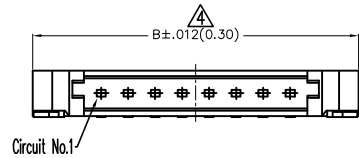
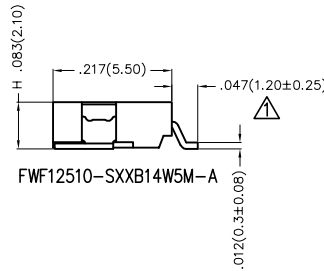
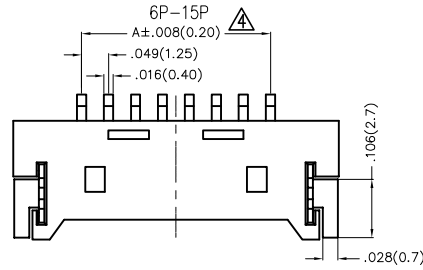


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size change	05/JUN/19	KATE	FRANK
2	△	MPQ: Change 1500 into 2000 pcs/reel	25/JUL/22	KATE	FRANK
3	△	Updated MPQ	28/AUG/25	MATT	LEO
4	△	Update tolerances and PCB layout	10/MAR/26	MATT	LEO

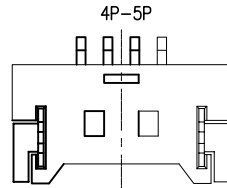
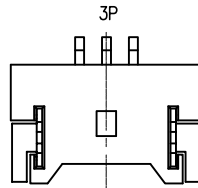
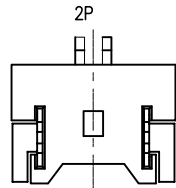


Electrical

Current Rating: 1.0A AC(rms)/DC
Voltage Rating: 125V AC(rms)/DC
Contact Resistance: 20 mΩ Max
Insulation Resistance: 500 MΩ MIN
Withstanding Voltage: 250V AC r.m.s
Temperature Range-Operating: -40°C ~ +85°C

Material and Plating

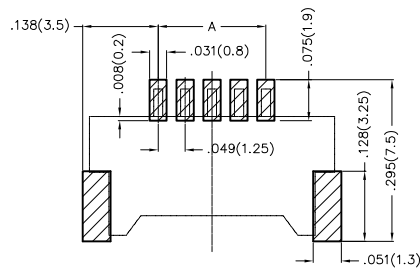
Housing: PA9T(UL 94V-0)
Contact Pin: Copper alloy/ Gold Plated
Solder Tab: Copper alloy/ Gold plated
Mates With: FHG12504 Series.



Ordering Information

FWF 125 10 - S XX B 1 4 W5 M - X
1 2 3 4 5 6 7 8 9 10 11

1	Category FWF-Wafer	2	Series Number 125-Pitch1.25mm	3	Distinction No. 10	4	Row Option S-Single Row	5	Circuits XX	6	Entry Angle B-90° Angle
7	Plating 1-Gold plated	8	Material-Resin 4-PA9T	9	Color-Resin W5-White	10	Packaging M-Reel	11	Base height A-H=2.1mm B-H=1.8mm		



Recommended P.C.Board Layout
General Tolerances: ±.002(0.05)

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 8/JUL/13	PART NO. FWF12510-SXXB14W5M-X	ITEM NO. FWF12510	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X'±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY JACOB	DATE 8/JUL/13	TITLE Wire to Board (Wafer) Pitch 1.25mm 90° Angle (SMT)		REV 4
SCALE 5:1	SIZE A4		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

A

A

B

B

C

C

D

D

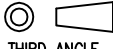

E

E

F

F

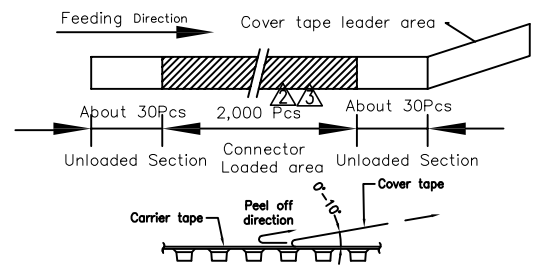
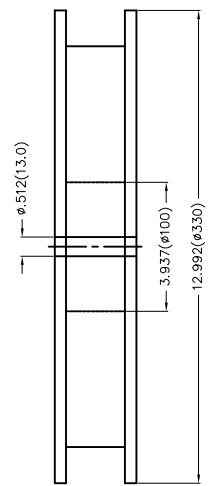
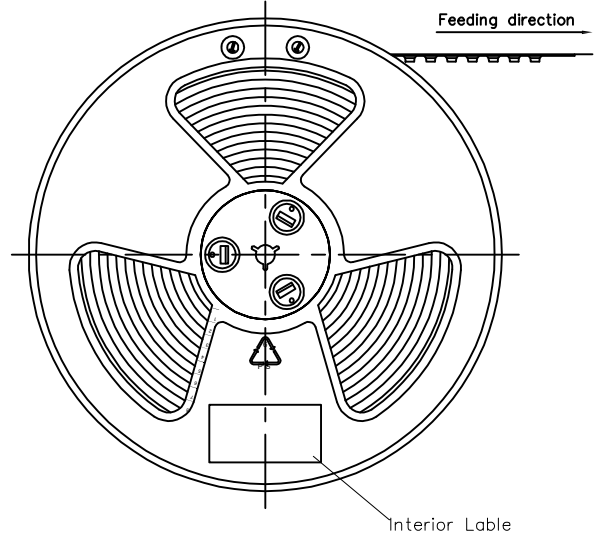
Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FWF12510-S02B14W5M-A	.049(1.25)	.301(7.65)	2	FWF12510-S02B14W5M-B	.049(1.25)	.301(7.65)
3	FWF12510-S03B14W5M-A	.098(2.50)	.350(8.90)	3	FWF12510-S03B14W5M-B	.098(2.50)	.350(8.90)
4	FWF12510-S04B14W5M-A	.147(3.75)	.400(10.15)	4	FWF12510-S04B14W5M-B	.147(3.75)	.400(10.15)
5	FWF12510-S05B14W5M-A	.197(5.00)	.449(11.40)	5	FWF12510-S05B14W5M-B	.197(5.00)	.449(11.40)
6	FWF12510-S06B14W5M-A	.246(6.25)	.498(12.65)	6	FWF12510-S06B14W5M-B	.246(6.25)	.498(12.65)
7	FWF12510-S07B14W5M-A	.295(7.50)	.547(13.90)	7	FWF12510-S07B14W5M-B	.295(7.50)	.547(13.90)
8	FWF12510-S08B14W5M-A	.344(8.75)	.596(15.15)	8	FWF12510-S08B14W5M-B	.344(8.75)	.596(15.15)
9	FWF12510-S09B14W5M-A	.394(10.00)	.646(16.40)	9	FWF12510-S09B14W5M-B	.394(10.00)	.646(16.40)
10	FWF12510-S10B14W5M-A	.443(11.25)	.695(17.65)	12	FWF12510-S12B14W5M-B	.541(13.75)	.793(20.15)
11	FWF12510-S11B14W5M-A	.492(12.50)	.744(18.90)	14	FWF12510-S14B14W5M-B	.640(16.25)	.892(22.65)
12	FWF12510-S12B14W5M-A	.541(13.75)	.793(20.15)				
14	FWF12510-S14B14W5M-A	.640(16.25)	.892(22.65)				
15	FWF12510-S15B14W5M-A	.689(17.50)	.941(23.90)				

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
	X.±.012(0.30)	X:±5'	FRANK	8/JUL/13	FWF12510-SXXB14W5M-X	FWF12510	
	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE	REV 4 SHEET NO. 2/3	
	X.XX±.006(0.15)	.XX'±1'	JACOB	8/JUL/13	Wire to Board (Wafer) Pitch 1.25mm 90° Angle (SMT)		
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±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		

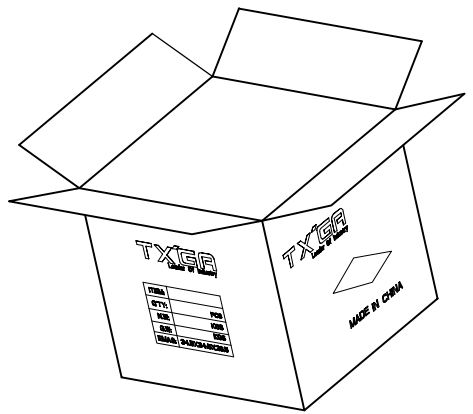
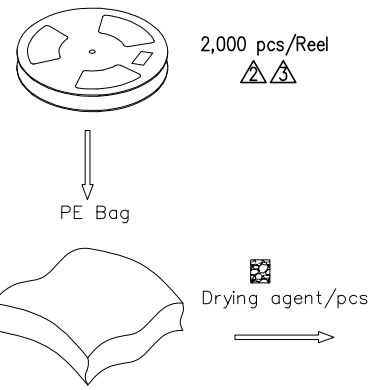
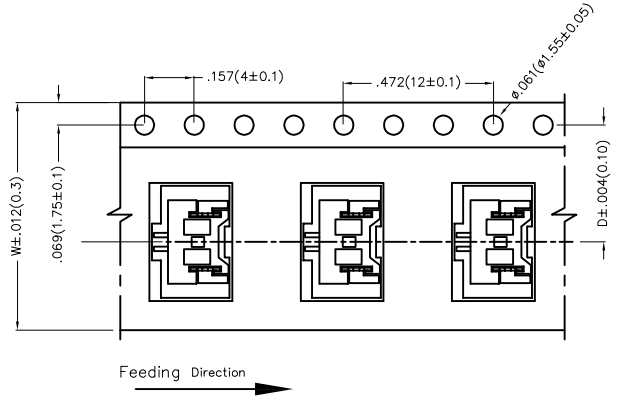
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

- 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: 2,000 pcs



Circuits (n)	Dimensions(in./mm)		Circuits (n)	Dimensions(in./mm)	
	D	W		D	W
2	.295(7.50)	.630(16.00)	9	.559(14.20)	1.260(32.00)
3	.295(7.50)	.630(16.00)	10	.559(14.20)	1.260(32.00)
4	.453(11.50)	.945(24.00)	11	.559(14.20)	1.260(32.00)
5	.453(11.50)	.945(24.00)	14	.559(14.20)	1.260(32.00)
6	.453(11.50)	.945(24.00)	15	.559(14.20)	1.260(32.00)
7	.559(14.20)	1.260(32.00)			
8	.559(14.20)	1.260(32.00)			



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>	
	X. \pm .012(0.30)	X. \pm 5'	FRANK	8/JUL/13	FWF12510-SXXB14W5M-X	FWF12510		
	X.X \pm .008(0.20)	.X \pm 2'	CHECKED BY	DATE	TITLE	REV 4		SHEET NO. 3/3
	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)	.XX \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			