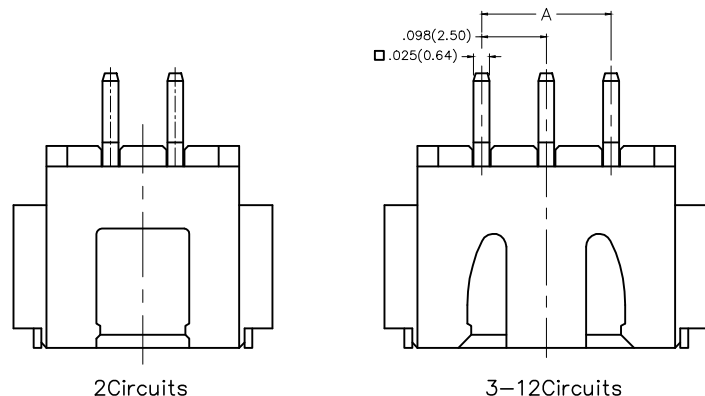
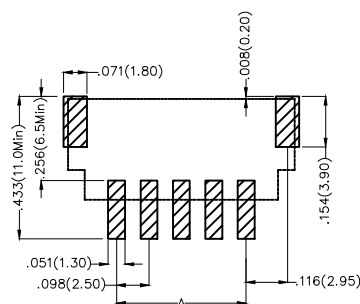
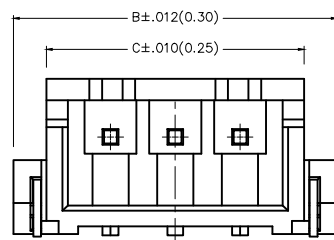




2Circuits

3-12Circuits



Recommended P.C.Board Layout

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	MPQ: Change 1,000 pcs into 900 pcs / reel	02/MAR/20	KATE	CHERRY
2	△	Change the Packaging specification	14/JAN/22	KATE	CHERRY

Electrical

Current Rating: 3.0A AC(rms)/DC

Voltage Rating: 250V AC(rms)/DC

Contact Resistance: 20 mΩ Max

Insulation Resistance: 1000 MΩ MIN

Withstanding Voltage: 1000V AC r.m.s

Temperature Range-Operating: -25°C~+85°C

Material and Plating

Housing: PA9T(UL 94V-0)

Contact Pin: Brass

Plating: Tin Plated

Ordering Information

FWF	250	21	—	S	XX	B	2	4	W5	M
1	2	3	4	5	6	7	8	9	10	

1	Category FWF-Wafer	2	Series Number 250-Pitch2.5mm	3	Distinction No. 21	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-White	10	Packaging M-Reel				

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/JUL/13	PART NO. FWF25021-SXXB24W5M	ITEM NO. FWF25021	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Wire to Board (Wafer) Pitch 2.5mm 90° Angiel (SMT)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	JACOB	01/JUL/13				REV 2
		X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5°	CHERRY	01/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			

A

B

C

D

E

F

A

B

C

D

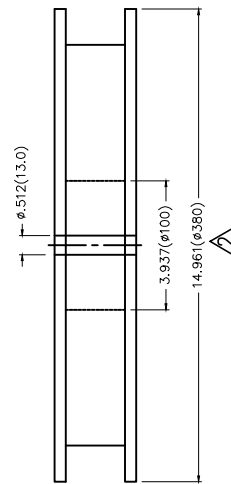
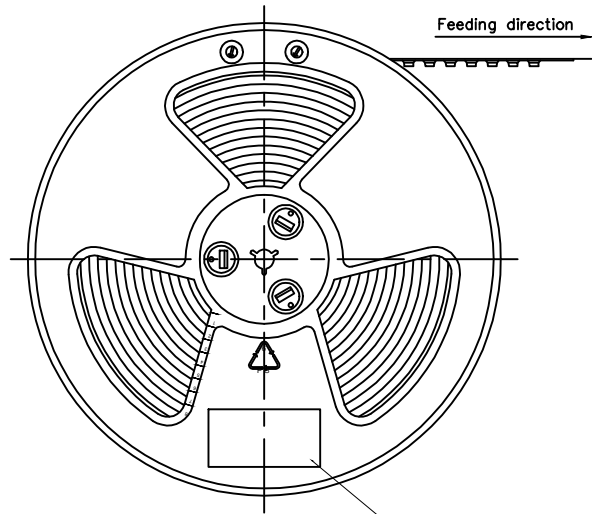
E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

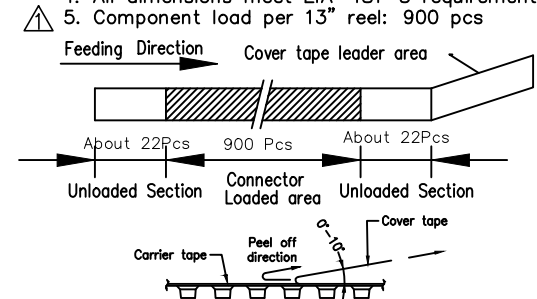
Material and Plating : Housing PA9T UL94V-0 , Tin Plated.				
Circuits (n)	Part No.	Dimensions(in/mm)		
		A	B	C
2	FWF25021-S02B24W5M	.098(2.50)	.394(10.00)	.293(7.45)
3	FWF25021-S03B24W5M	.197(5.00)	.492(12.50)	.392(9.95)
4	FWF25021-S04B24W5M	.295(7.50)	.591(15.00)	.490(12.45)
5	FWF25021-S05B24W5M	.394(10.00)	.689(17.50)	.589(14.95)
6	FWF25021-S06B24W5M	.492(12.50)	.787(20.00)	.687(17.45)
7	FWF25021-S07B24W5M	.591(15.00)	.886(22.50)	.785(19.95)
8	FWF25021-S08B24W5M	.689(17.50)	.984(25.00)	.884(22.45)
9	FWF25021-S09B24W5M	.787(20.00)	1.083(27.50)	.982(24.95)
10	FWF25021-S10B24W5M	.886(22.50)	1.181(30.00)	1.081(27.45)
11	FWF25021-S11B24W5M	.984(25.00)	1.024(32.50)	1.179(29.95)
12	FWF25021-S12B24W5M	1.083(27.50)	1.378(35.00)	1.278(32.45)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/JUL/13	PART NO. FWF25021-SXXB24W5M	ITEM NO. FWF25021	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	JACOB	01/JUL/13	Wire to Board (Wafer) Pitch 2.5mm 90° Angle (SMT)		REV 2	SHEET NO. 2/3
		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°	DRAWN BY CHERRY	DATE 01/JUL/13				
		X.XXX±.004(0.10)	.XXX±0.5°						

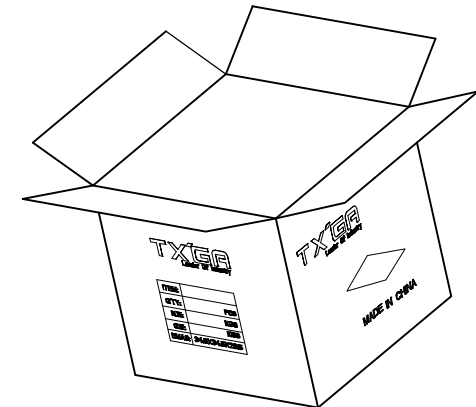
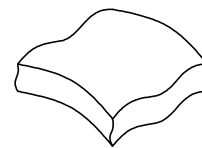
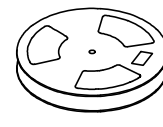
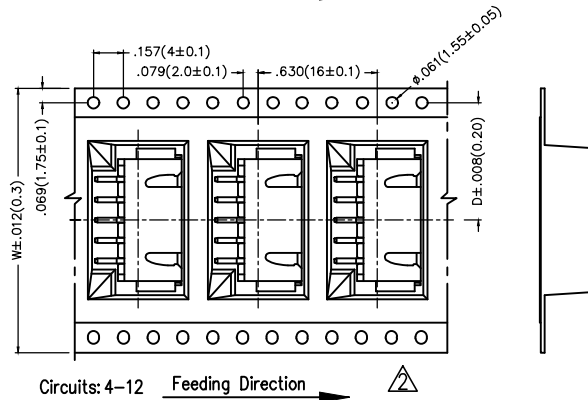
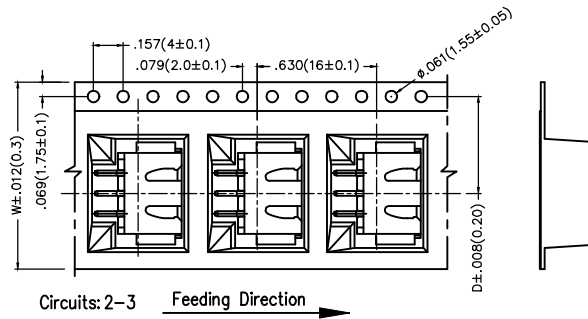


Note:

1. 10 sprocket hole cumulative tolerance ± 0.2
2. Carrier camber is within 1.0mm in 100mm
3. Material: White Conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA-481-3 requirements
5. Component load per 13" reel: 900 pcs



Circuits (n)	Dimensions(in/mm)		Circuits (n)	Dimensions(in/mm)	
	D	W		D	W
2	.453(11.50)	.945(24.00)	8	.795(20.20)	1.732(44.00)
3	.453(11.50)	.945(24.00)	9	.795(20.20)	1.732(44.00)
4	.559(14.20)	1.260(32.00)	10	.795(20.20)	1.732(44.00)
5	.559(14.20)	1.260(32.00)	11	1.031(26.20)	2.205(56.00)
6	.795(20.20)	1.732(44.00)	12	1.031(26.20)	2.205(56.00)
7	.795(20.20)	1.732(44.00)			



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/JUL/13	PART NO. FWF25021-SXXB24W5M	ITEM NO. FWF25021	 Leader Of Industry	
		X±.012(0.30)	X'±5"	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2"	JACOB	01/JUL/13	Wire to Board (Wafer) Pitch 2.5mm 90° Angled (SMT)		REV 2	SHEET NO. 3/3
		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	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5"	CHERRY	01/JUL/13				