

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

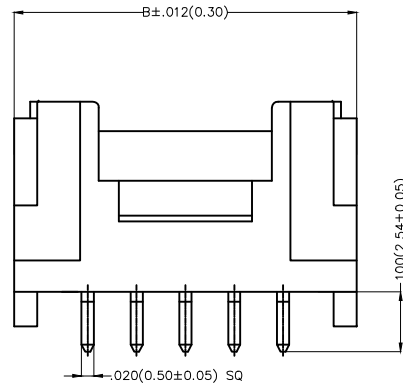
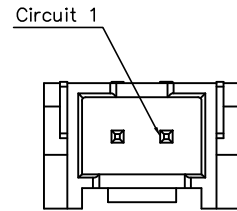
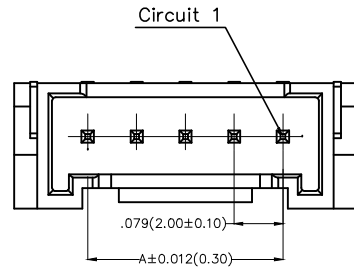
B

C

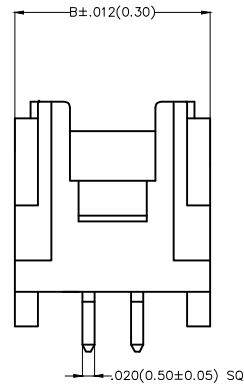
D

E

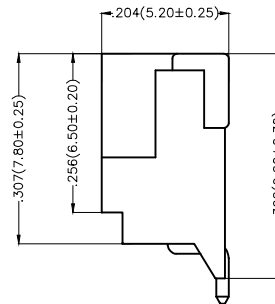
F



3-12Circuits



2Circuits



Electrical

Current Rating: 2.0A AC(rms)/DC

Voltage Rating: 100V AC(rms)/DC

Contact Resistance: 10 m Ω Max

Insulation Resistance: 1000 M Ω MIN

Withstanding Voltage: 800V AC r.m.s

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

Material and Plating

Housing: PA6T(UL 94V-0)

Contact Pin: Brass

Plating: Tin Plated

A

B

C

D

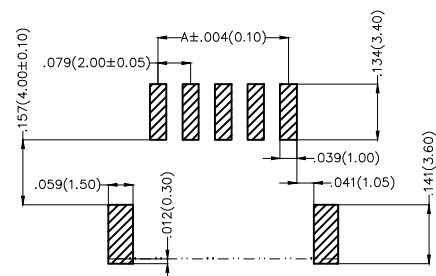
E

F

Ordering Information

FWF 200 19 — S XX B 2 4 W5 M
 1 2 3 4 5 6 7 8 9 10

1	Category FWF—Wafer	2	Series Number 200—Pitch 2.0mm	3	Distinction No. 19	4	Row Option S—Single Row	5	Circuits XX	6	Entry Angle B—90° Angle
7	Plating 2—Tin Plated	8	Material—Resin 4—PA6T	9	Color—Resin W5—Natural	10	Packaging M—Reel				

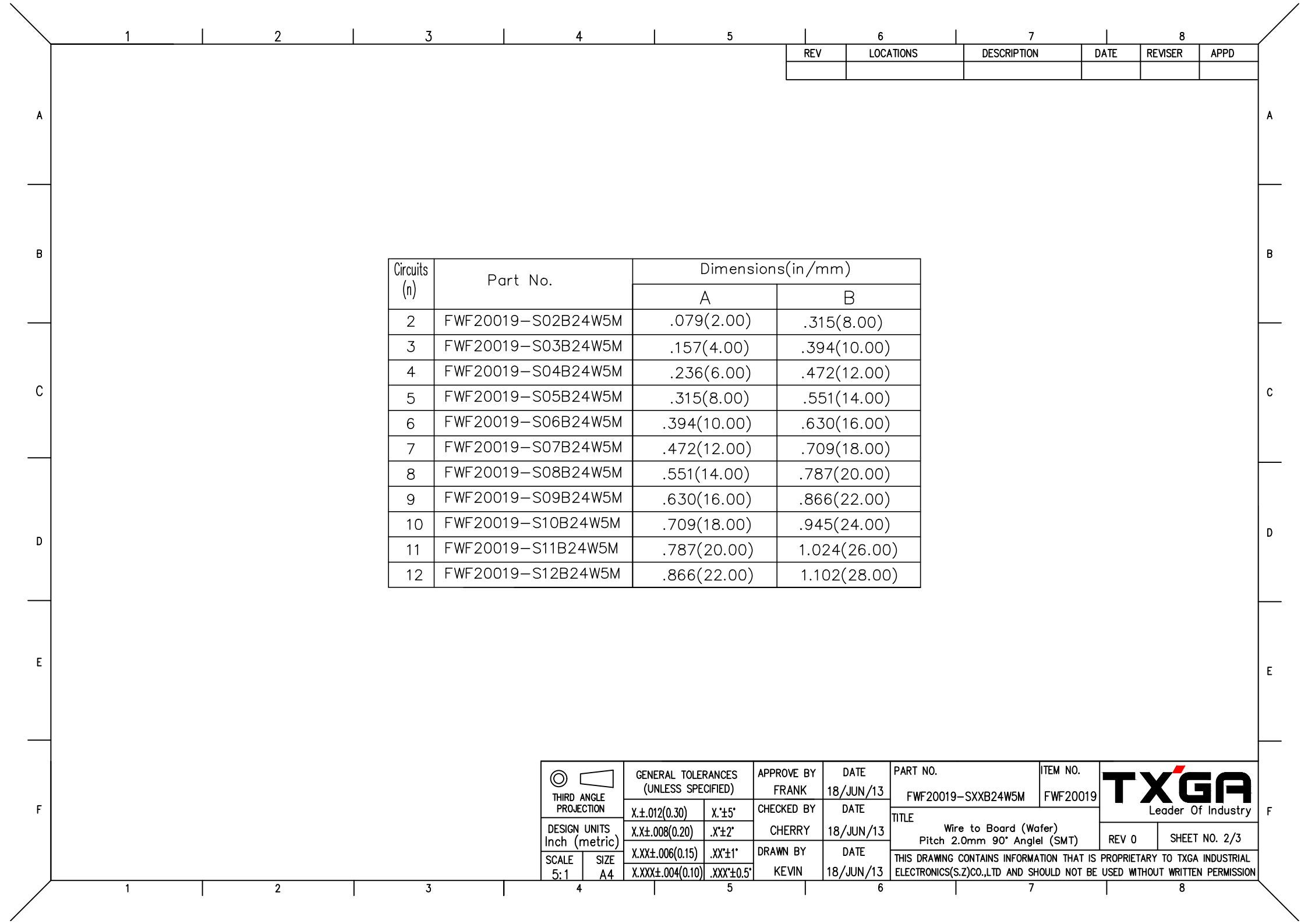


Recommended P.C.Board Layout

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FWF20019-SXXB24W5M	ITEM NO. FWF20019	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	CHERRY	18/JUN/13	Wire to Board (Wafer) Pitch 2.0mm 90° Angled (SMT)		REV 0	SHEET NO. 1/3
		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°	KEVIN	18/JUN/13				

REV 0

SHEET NO. 1/3



6		7		8	
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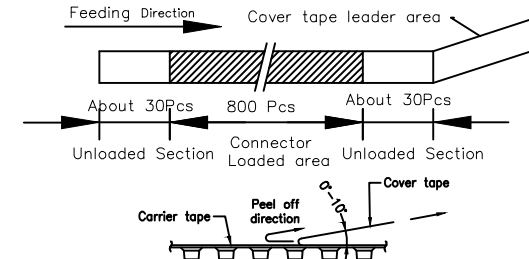
Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
2	FWF20019-S02B24W5M	.079(2.00)	.315(8.00)
3	FWF20019-S03B24W5M	.157(4.00)	.394(10.00)
4	FWF20019-S04B24W5M	.236(6.00)	.472(12.00)
5	FWF20019-S05B24W5M	.315(8.00)	.551(14.00)
6	FWF20019-S06B24W5M	.394(10.00)	.630(16.00)
7	FWF20019-S07B24W5M	.472(12.00)	.709(18.00)
8	FWF20019-S08B24W5M	.551(14.00)	.787(20.00)
9	FWF20019-S09B24W5M	.630(16.00)	.866(22.00)
10	FWF20019-S10B24W5M	.709(18.00)	.945(24.00)
11	FWF20019-S11B24W5M	.787(20.00)	1.024(26.00)
12	FWF20019-S12B24W5M	.866(22.00)	1.102(28.00)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 18/JUN/13	PART NO. FWF20019-SXXB24W5M	ITEM NO. FWF20019	 Leader Of Industry	
		X±.012(0.30)	X'±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2°	CHERRY	18/JUN/13	Wire to Board (Wafer) Pitch 2.0mm 90° Angl (SMT)		REV 0	SHEET NO. 2/3
		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°	KEVIN	18/JUN/13				

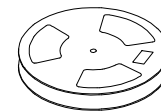
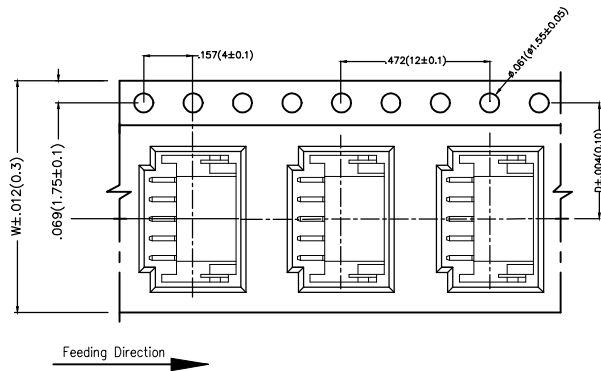
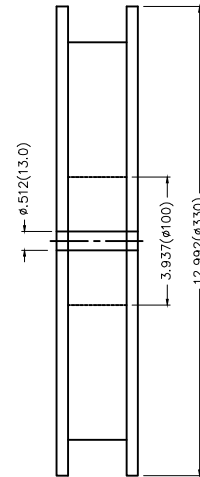
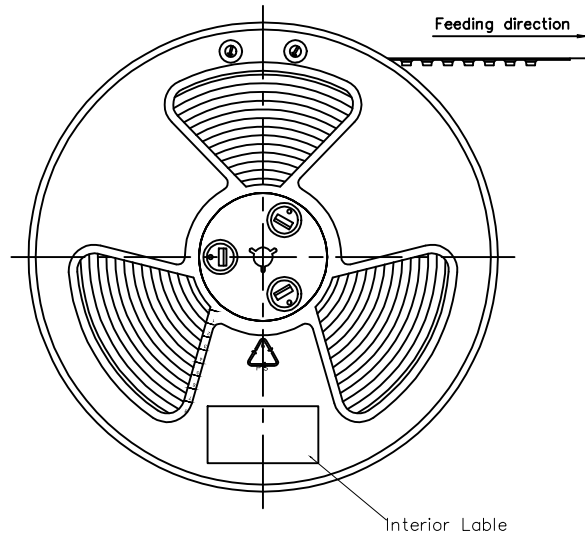
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Note:

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: 800 pcs

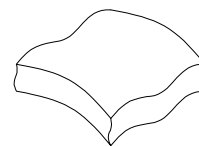


Circuits (n)	Dimensions(in/mm)		Circuits (n)	Dimensions(in/mm)	
	D	W		D	W
2	.295(7.50)	.630(16.00)	8	.559(14.20)	1.260(32.00)
3	.295(7.50)	.630(16.00)	9	.559(14.20)	1.260(32.00)
4	.453(11.50)	.945(24.00)	10	.559(14.20)	1.260(32.00)
5	.453(11.50)	.945(24.00)	11	.795(20.20)	1.732(44.00)
6	.453(11.50)	.945(24.00)	12	.795(20.20)	1.732(44.00)
7	.559(14.20)	1.260(32.00)			

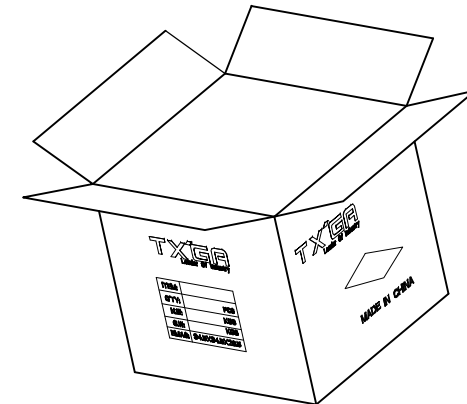


800 Pcs/Reel

PE Bag



Drying agent/pcs



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		X.±.012(0.30)	X.±5"	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X±2"	CHERRY	18/JUN/13	Wire to Board (Wafer) Pitch 2.0mm 90° Angled (SMT)		REV 0	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"	KEVIN	18/JUN/13				

TXGA
Leader Of Industry

REV 0 SHEET NO. 3/3