

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		MPQ: Change 800 pcs into 1,000 pcs / reel	28/FEB/20	KATE	CERRY

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

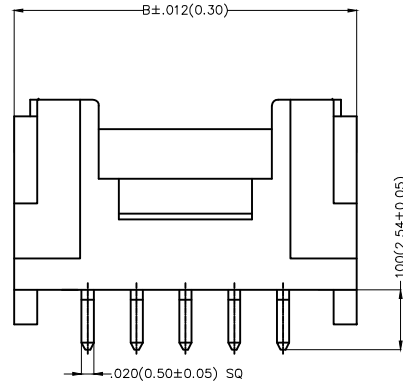
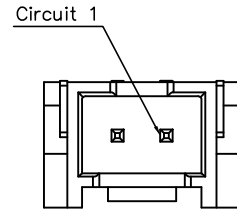
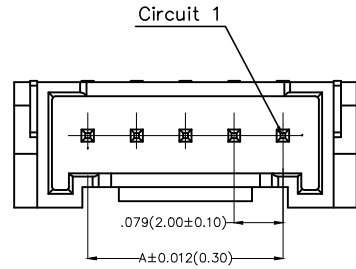
Temperature Range—Operating: -25°C ~ +85°C

Material and Plating

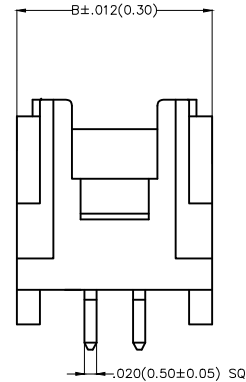
Housing: PA6T(UL 94V-0)

Contact Pin: Brass

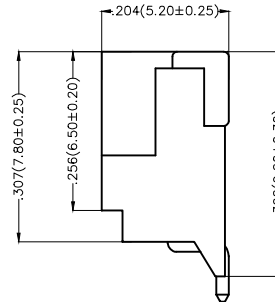
Plating: Tin Plated



3-12Circuits



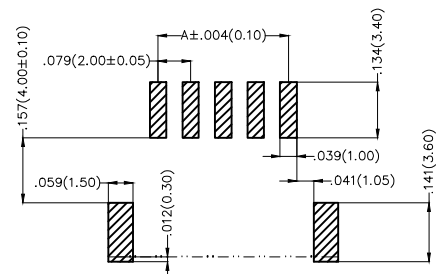
2Circuits



Ordering Information

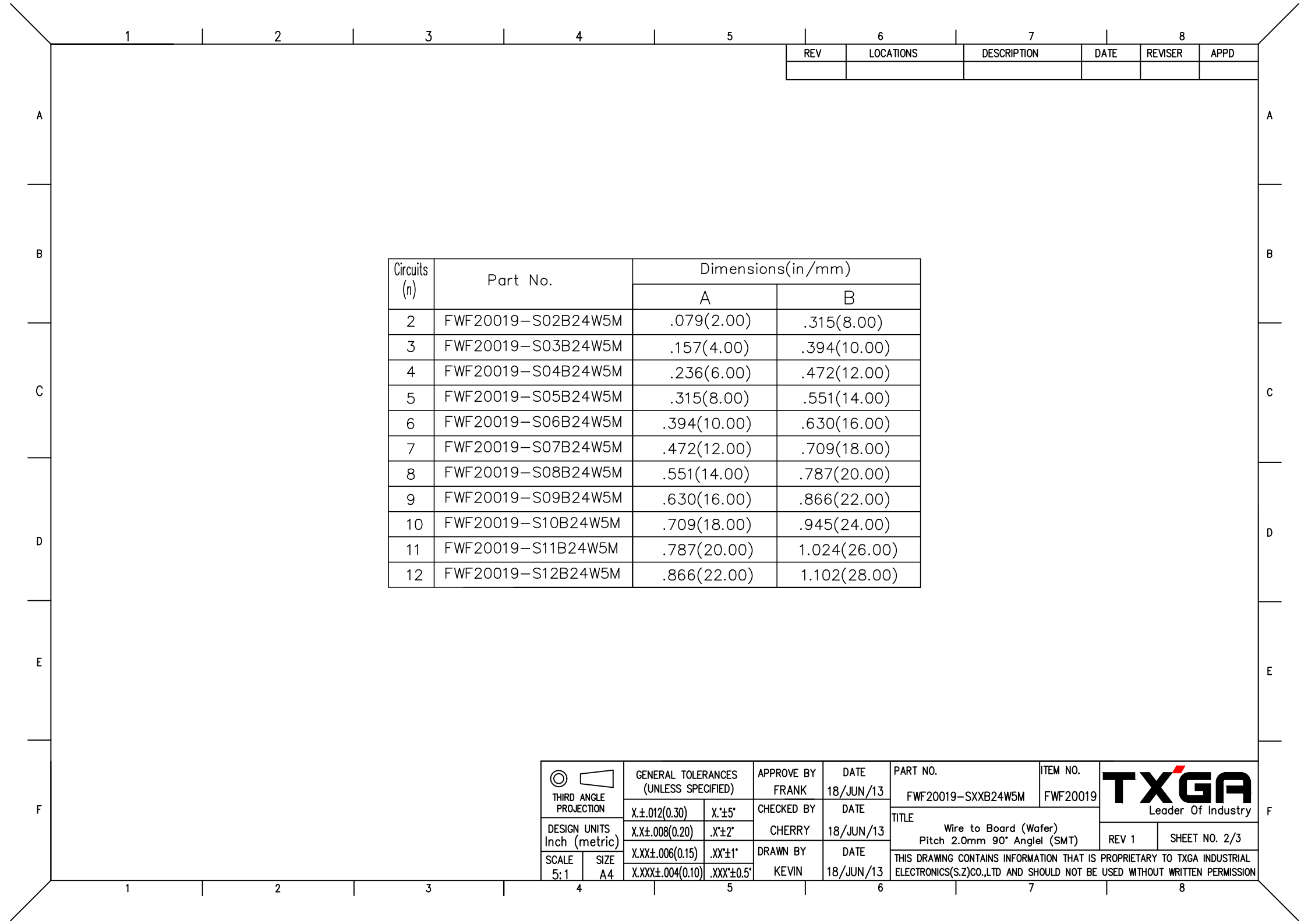
FWF 200 19 — S XX B 2 4 W5 M
1 2 3 4 5 6 7 8 9 10

1	Category FWF—Wafer	2	Series Number 200—Pitch2.0mm	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 Wire to Board (Wafer) Pitch 2.0mm 90° Angl (SMT)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2'	CHERRY	18/JUN/13			REV 1	
SCALE 5:1	SIZE A4	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			
		X.XXX±.004(0.10)	.XXX'±0.5'	KEVIN	18/JUN/13				



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

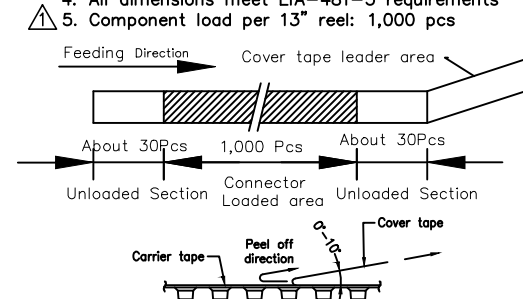
Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
2	FWF20019-S02B24W5M	.079(2.00)	.315(8.00)
3	FWF20019-S03B24W5M	.157(4.00)	.394(10.00)
4	FWF20019-S04B24W5M	.236(6.00)	.472(12.00)
5	FWF20019-S05B24W5M	.315(8.00)	.551(14.00)
6	FWF20019-S06B24W5M	.394(10.00)	.630(16.00)
7	FWF20019-S07B24W5M	.472(12.00)	.709(18.00)
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	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.'±5'	CHECKED BY CHERRY	DATE 18/JUN/13	TITLE Wire to Board (Wafer) Pitch 2.0mm 90° Angl (SMT)		REV 1	SHEET NO. 2/3
		X.X±.008(0.20)	.X'±2"						
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1"	DRAWN BY KEVIN	DATE 18/JUN/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XXX±.004(0.10)	.XXX'±0.5'						

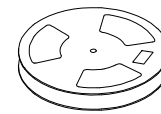
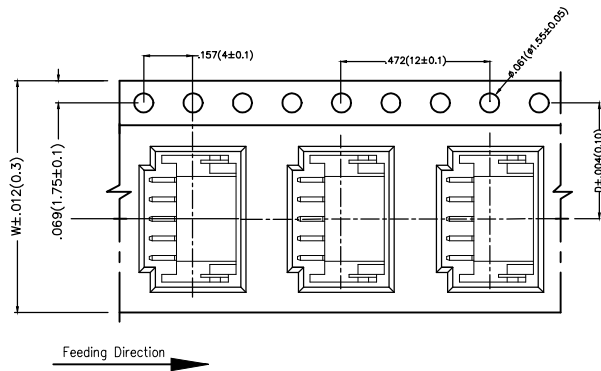
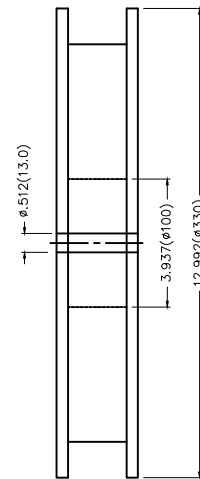
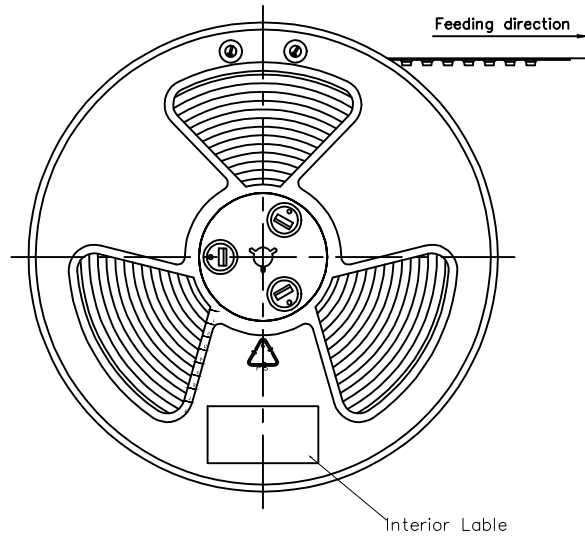
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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: 1,000 pcs

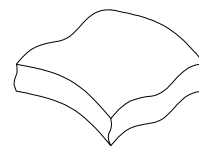


Circuits (n)	Dimensions(in/mm)		Circuits (n)	Dimensions(in/mm)	
	D	W		D	W
2	.295(7.50)	.630(16.00)	8	.559(14.20)	1.260(32.00)
3	.295(7.50)	.630(16.00)	9	.559(14.20)	1.260(32.00)
4	.453(11.50)	.945(24.00)	10	.559(14.20)	1.260(32.00)
5	.453(11.50)	.945(24.00)	11	.795(20.20)	1.732(44.00)
6	.453(11.50)	.945(24.00)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

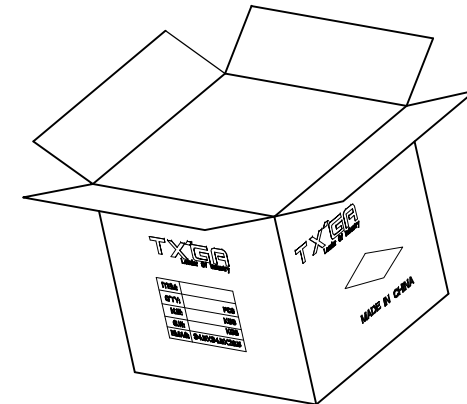


1,000 pcs/Reel

PE Bag



Drying agent/pcs



 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 1	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				

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