

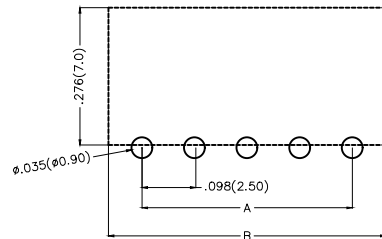
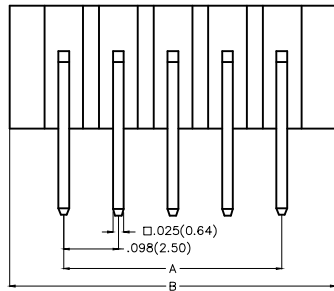
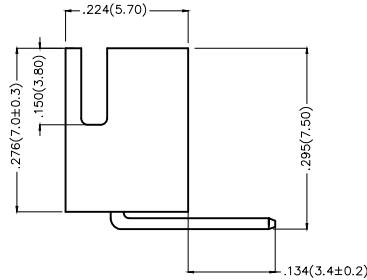
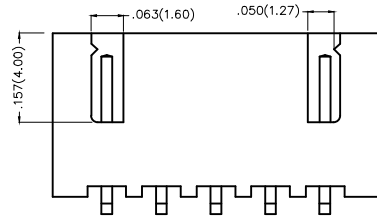
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Electrical

Current Rating: 3.0A AC(rms)/DC
Voltage Rating: 250V AC(rms)/DC
Contact Resistance: 20 m Ω Max
Insulation Resistance: 1000 M Ω MIN
Withstanding Voltage: 1000V AC r.m.s
Temperature Range—Operating: -25°C~+85°C

Material and Plating

Housing: Glass Filled Polyester(UL 94V-2)
Contact Pin: Brass
Plating: Full gold/ Full tin



Recommended P.C.Board Layout

Ordering Information

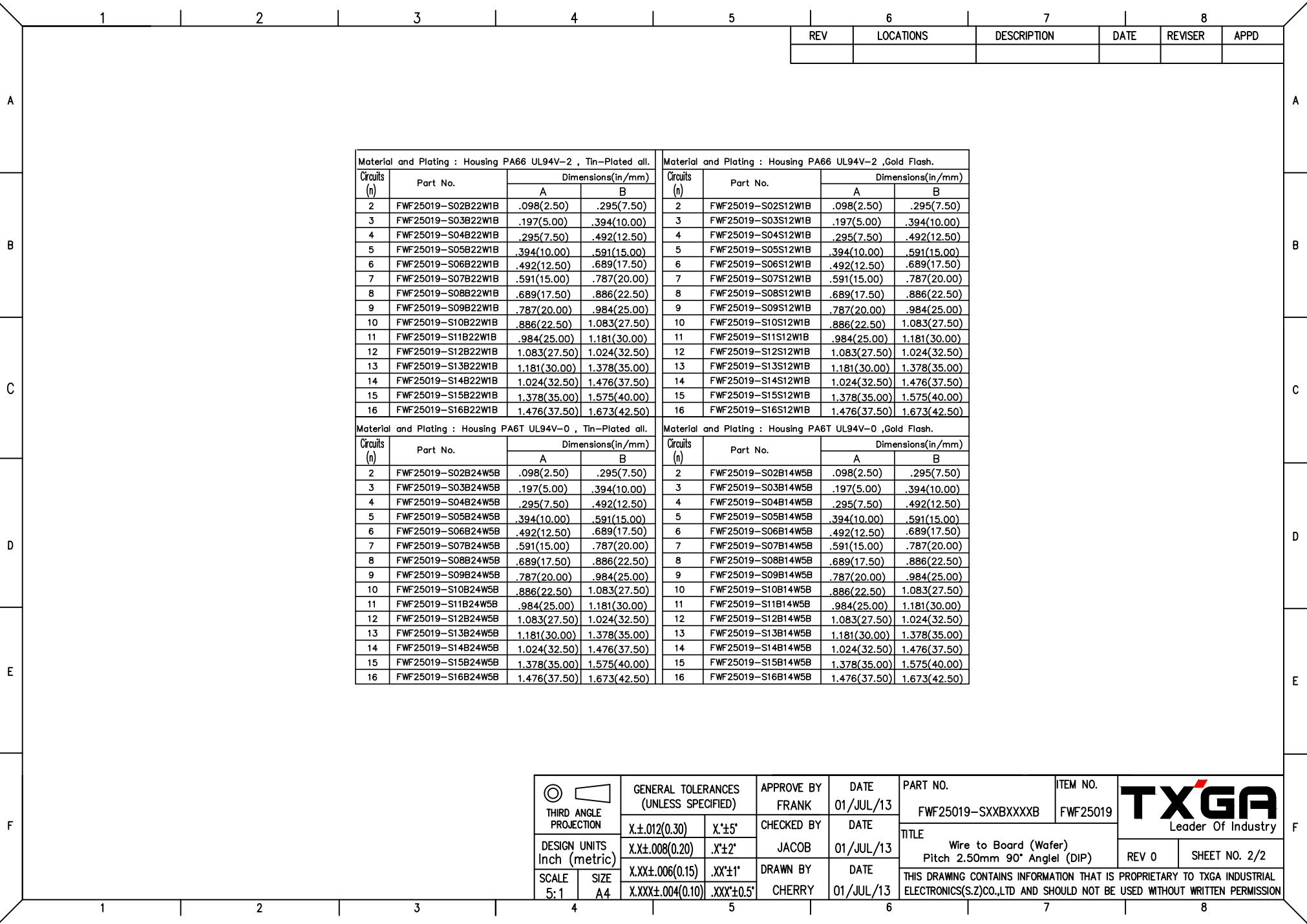
FWF 250 19 — S XX B X X XX B
1 2 3 4 5 6 7 8 9 10

1 Category FWF—Wafer	2 Series Number 250—Pitch2.50mm	3 Distinction No. 19	4 Row Option Single Row	5 Circuits XX	6 Entry Angle B—90° Angle
7 Plating 1—Gold Plated 2—Tin Plated	8 Material—Resin 2—PA66 4—PA6T	9 Color—Resin W1—White W5—White	10 Packaging B—PE Bag		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/JUL/13	PART NO. FWF25019-SXXBXXXXB	ITEM NO. FWF25019	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5°	CHECKED BY	DATE	TITLE Wire to Board (Wafer) Pitch 2.50mm 90° Angled (DIP)			
		X.X±.008(0.20)	X'±2°	JACOB	01/JUL/13				
		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.X'±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°	CHERRY	01/JUL/13				

TXGA
Leader Of Industry

REV 0 SHEET NO. 1/2



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Material and Plating : Housing PA66 UL94V-2 , Tin-Plated all.				Material and Plating : Housing PA66 UL94V-2 ,Gold Flash.			
Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FWF25019-S02B22W1B	.098(2.50)	.295(7.50)	2	FWF25019-S02S12W1B	.098(2.50)	.295(7.50)
3	FWF25019-S03B22W1B	.197(5.00)	.394(10.00)	3	FWF25019-S03S12W1B	.197(5.00)	.394(10.00)
4	FWF25019-S04B22W1B	.295(7.50)	.492(12.50)	4	FWF25019-S04S12W1B	.295(7.50)	.492(12.50)
5	FWF25019-S05B22W1B	.394(10.00)	.591(15.00)	5	FWF25019-S05S12W1B	.394(10.00)	.591(15.00)
6	FWF25019-S06B22W1B	.492(12.50)	.689(17.50)	6	FWF25019-S06S12W1B	.492(12.50)	.689(17.50)
7	FWF25019-S07B22W1B	.591(15.00)	.787(20.00)	7	FWF25019-S07S12W1B	.591(15.00)	.787(20.00)
8	FWF25019-S08B22W1B	.689(17.50)	.886(22.50)	8	FWF25019-S08S12W1B	.689(17.50)	.886(22.50)
9	FWF25019-S09B22W1B	.787(20.00)	.984(25.00)	9	FWF25019-S09S12W1B	.787(20.00)	.984(25.00)
10	FWF25019-S10B22W1B	.886(22.50)	1.083(27.50)	10	FWF25019-S10S12W1B	.886(22.50)	1.083(27.50)
11	FWF25019-S11B22W1B	.984(25.00)	1.181(30.00)	11	FWF25019-S11S12W1B	.984(25.00)	1.181(30.00)
12	FWF25019-S12B22W1B	1.083(27.50)	1.024(32.50)	12	FWF25019-S12S12W1B	1.083(27.50)	1.024(32.50)
13	FWF25019-S13B22W1B	1.181(30.00)	1.378(35.00)	13	FWF25019-S13S12W1B	1.181(30.00)	1.378(35.00)
14	FWF25019-S14B22W1B	1.024(32.50)	1.476(37.50)	14	FWF25019-S14S12W1B	1.024(32.50)	1.476(37.50)
15	FWF25019-S15B22W1B	1.378(35.00)	1.575(40.00)	15	FWF25019-S15S12W1B	1.378(35.00)	1.575(40.00)
16	FWF25019-S16B22W1B	1.476(37.50)	1.673(42.50)	16	FWF25019-S16S12W1B	1.476(37.50)	1.673(42.50)
Material and Plating : Housing PA6T UL94V-0 , Tin-Plated all.				Material and Plating : Housing PA6T UL94V-0 ,Gold Flash.			
Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FWF25019-S02B24W5B	.098(2.50)	.295(7.50)	2	FWF25019-S02B14W5B	.098(2.50)	.295(7.50)
3	FWF25019-S03B24W5B	.197(5.00)	.394(10.00)	3	FWF25019-S03B14W5B	.197(5.00)	.394(10.00)
4	FWF25019-S04B24W5B	.295(7.50)	.492(12.50)	4	FWF25019-S04B14W5B	.295(7.50)	.492(12.50)
5	FWF25019-S05B24W5B	.394(10.00)	.591(15.00)	5	FWF25019-S05B14W5B	.394(10.00)	.591(15.00)
6	FWF25019-S06B24W5B	.492(12.50)	.689(17.50)	6	FWF25019-S06B14W5B	.492(12.50)	.689(17.50)
7	FWF25019-S07B24W5B	.591(15.00)	.787(20.00)	7	FWF25019-S07B14W5B	.591(15.00)	.787(20.00)
8	FWF25019-S08B24W5B	.689(17.50)	.886(22.50)	8	FWF25019-S08B14W5B	.689(17.50)	.886(22.50)
9	FWF25019-S09B24W5B	.787(20.00)	.984(25.00)	9	FWF25019-S09B14W5B	.787(20.00)	.984(25.00)
10	FWF25019-S10B24W5B	.886(22.50)	1.083(27.50)	10	FWF25019-S10B14W5B	.886(22.50)	1.083(27.50)
11	FWF25019-S11B24W5B	.984(25.00)	1.181(30.00)	11	FWF25019-S11B14W5B	.984(25.00)	1.181(30.00)
12	FWF25019-S12B24W5B	1.083(27.50)	1.024(32.50)	12	FWF25019-S12B14W5B	1.083(27.50)	1.024(32.50)
13	FWF25019-S13B24W5B	1.181(30.00)	1.378(35.00)	13	FWF25019-S13B14W5B	1.181(30.00)	1.378(35.00)
14	FWF25019-S14B24W5B	1.024(32.50)	1.476(37.50)	14	FWF25019-S14B14W5B	1.024(32.50)	1.476(37.50)
15	FWF25019-S15B24W5B	1.378(35.00)	1.575(40.00)	15	FWF25019-S15B14W5B	1.378(35.00)	1.575(40.00)
16	FWF25019-S16B24W5B	1.476(37.50)	1.673(42.50)	16	FWF25019-S16B14W5B	1.476(37.50)	1.673(42.50)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 01/JUL/13	PART NO. FWF25019-SXXBXXXXB	ITEM NO. FWF25019	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±0.12(0.30)	X'±5"	CHECKED BY	DATE	TITLE Wire to Board (Wafer) Pitch 2.50mm 90° Angiel (DIP)		REV 0	SHEET NO. 2/2
		X.X±.008(0.20)	.X'±2"	JACOB	01/JUL/13				
		X.XX±.006(0.15)	.XX'±1"	DRAWN BY	DATE				
		X.XXX±.004(0.10)	.XXX'±0.5"	CHERRY	01/JUL/13				
SCALE 5:1	SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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