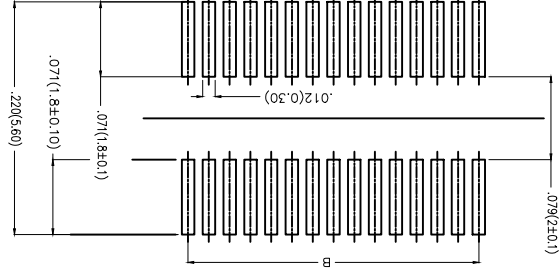
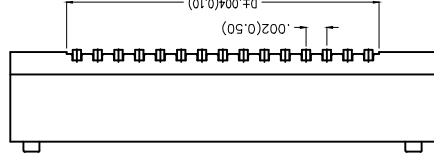
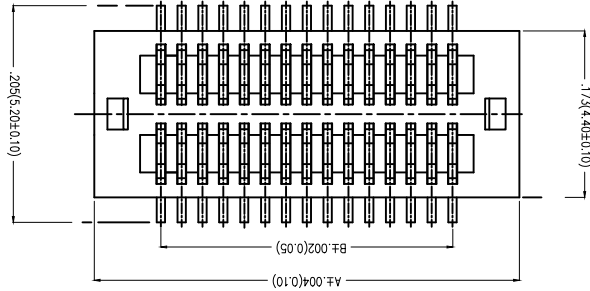
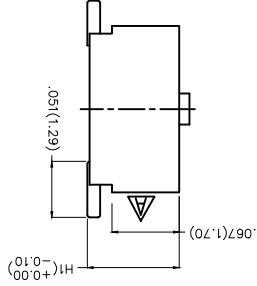
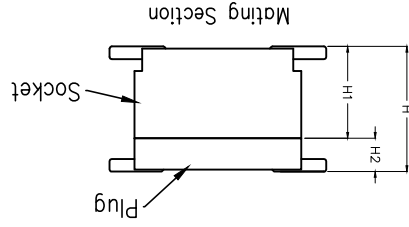


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1			12/JUN/17	JACOB	CERRY

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 40 mΩ Max
Insulation Resistance: 100 MΩ MIN
Withstanding Voltage: 250V AC r.m.s
Temperature Range-Operating: -25°C~+85°C
Material and Plating
Housing: LCP (UL 94V-0)
Contact Pin: Phosphor Bronze
Plating: Gold Plated

Height H1(in/mm)	Female H1(in/mm)	Male H2(in/mm)
.118(3.00)	.087(2.20)	.031(0.80)
.138(3.50)	.087(2.20)	.051(1.30)
.157(4.00)	.118(3.00)	.039(1.00)
.177(4.50)	.138(3.50)	.039(1.00)
.197(5.00)	.157(4.00)	.039(1.00)
.217(5.50)	.177(4.50)	.039(1.00)
.236(6.00)	.197(5.00)	.079(2.00)
.256(6.50)	.217(5.50)	.079(2.00)



Ordering Information

FBB 050 03 - F XX S 1 XX 3 XX M HXX


- Category
- FBB-Board To Board
- Series Number
- Distinction No.
- Type
- Circuits
- Entry Angle
- Female Height
- Plating
- Gold Plated
- Thickness of Plating
- Material-Resin
- Color-Resin
- WS-White
- K6-Black
- M-Reel
- Packaging
- Female Height

THIRD ANGLE	DESIGN UNITS	SCALE	SIZE	5:1	A4
	Inch (metric)	X.XX±.006(0.15)	.XX±.1		
GENERAL TOLERANCES (UNLESS SPECIFIED)	CHECKED BY	DATE	APPROVE BY	DATE	
	FRANK	26/SEP/13	JACOB	26/SEP/13	
	DATE	PART NO.	ITEM NO.	TITLE	Board to Board Pitch 0.5mm 180° Vertical (SMT)
	26/SEP/13	FBB05003-FXXS1XX3XXMHXX	FBB05003-F	Leader Of Industry	
				REV 1	SHEET NO. 1/2
					THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(SZ)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

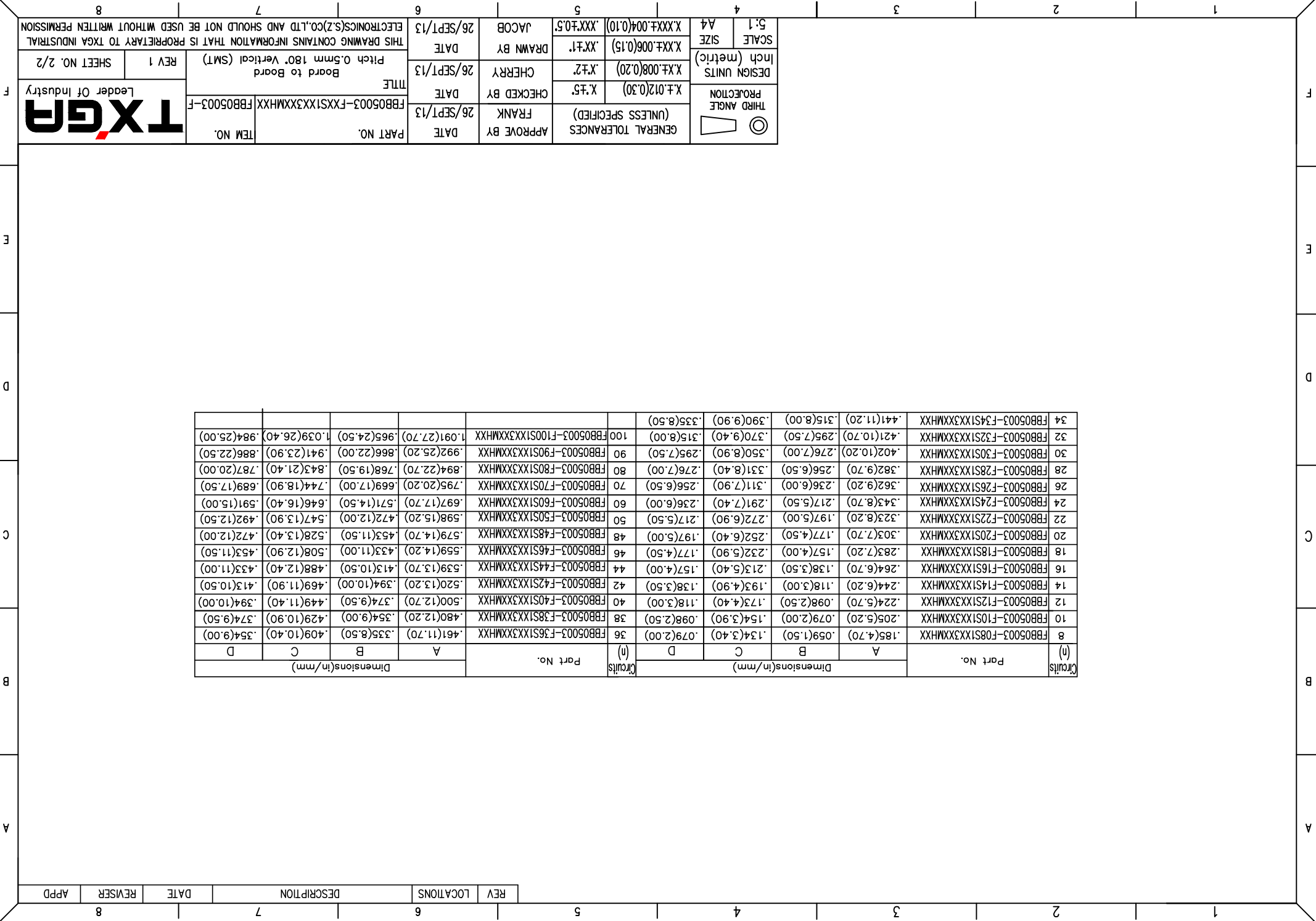


Circuits	Part No.	Dimensions(in/mm)			
		A	B	C	D
8	FB05003-F08S1XX3XXMHXX	.185(4.70)	.059(1.50)	.134(3.40)	.079(2.00)
10	FB05003-F10S1XX3XXMHXX	.205(5.20)	.079(2.00)	.154(3.90)	.098(2.50)
12	FB05003-F12S1XX3XXMHXX	.224(5.70)	.098(2.50)	.173(4.40)	.118(3.00)
14	FB05003-F14S1XX3XXMHXX	.244(6.20)	.118(3.00)	.193(4.90)	.138(3.50)
16	FB05003-F16S1XX3XXMHXX	.264(6.70)	.138(3.50)	.213(5.40)	.157(4.00)
18	FB05003-F18S1XX3XXMHXX	.283(7.20)	.157(4.00)	.232(5.90)	.177(4.50)
20	FB05003-F20S1XX3XXMHXX	.303(7.70)	.177(4.50)	.252(6.40)	.197(5.00)
22	FB05003-F22S1XX3XXMHXX	.323(8.20)	.197(5.00)	.272(6.90)	.217(5.50)
24	FB05003-F24S1XX3XXMHXX	.343(8.70)	.217(5.50)	.291(7.40)	.236(6.00)
26	FB05003-F26S1XX3XXMHXX	.362(9.20)	.236(6.00)	.311(7.90)	.256(6.50)
28	FB05003-F28S1XX3XXMHXX	.382(9.70)	.256(6.50)	.331(8.40)	.276(7.00)
30	FB05003-F30S1XX3XXMHXX	.402(10.20)	.276(7.00)	.350(8.90)	.295(7.50)
32	FB05003-F32S1XX3XXMHXX	.421(10.70)	.295(7.50)	.370(9.40)	.315(8.00)
34	FB05003-F34S1XX3XXMHXX	.441(11.20)	.315(8.00)	.390(9.90)	.335(8.50)

Circuits	Part No.	Dimensions(in/mm)			
		A	B	C	D
36	FB05003-F36S1XX3XXMHXX	.461(11.70)	.335(8.50)	.409(10.40)	.354(9.00)
38	FB05003-F38S1XX3XXMHXX	.480(12.20)	.354(9.00)	.429(10.90)	.374(9.50)
40	FB05003-F40S1XX3XXMHXX	.500(12.70)	.374(9.50)	.449(11.40)	.394(10.00)
42	FB05003-F42S1XX3XXMHXX	.520(13.20)	.394(10.00)	.469(11.90)	.413(10.50)
44	FB05003-F44S1XX3XXMHXX	.539(13.70)	.413(10.50)	.488(12.40)	.433(11.00)
46	FB05003-F46S1XX3XXMHXX	.559(14.20)	.433(11.00)	.508(12.90)	.453(11.50)
48	FB05003-F48S1XX3XXMHXX	.579(14.70)	.453(11.50)	.528(13.40)	.472(12.00)
50	FB05003-F50S1XX3XXMHXX	.598(15.20)	.472(12.00)	.547(13.90)	.492(12.50)
60	FB05003-F60S1XX3XXMHXX	.697(17.70)	.571(14.50)	.646(16.40)	.591(15.00)
70	FB05003-F70S1XX3XXMHXX	.795(20.20)	.669(17.00)	.744(18.90)	.689(17.50)
80	FB05003-F80S1XX3XXMHXX	.894(22.70)	.768(19.50)	.843(21.40)	.787(20.00)
90	FB05003-F90S1XX3XXMHXX	.992(25.20)	.866(22.00)	.941(23.90)	.886(22.50)
100	FB05003-F100S1XX3XXMHXX	1.091(27.70)	.965(24.50)	1.039(26.40)	.984(25.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED) APPROVE BY: FRANK DATE: 26/SEP/13	CHECKED BY: CHERRY DATE: 26/SEP/13	DRAWN BY: JACOB DATE: 26/SEP/13	X ±.012(0.30) X.XX±.006(0.15) X.XX±.004(0.10) X.XX±.004(0.10)
	DESIGN UNITS: Inch (metric) SCALE: 5:1 SIZE: A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

TXGA
 Leader Of Industry
 PART NO. ITEM NO. FB05003-F
 TITLE: Board to Board Pitch 0.5mm 180° Vertical (SMT)
 REV 1 SHEET NO. 2/2



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