



Recommended P.C.B Layout (Top Side)
(PCB Board Tolerance ±0.05)

THIRD ANGLE	PROJECTION	DESIGN UNITS	SCALE
○	◎	Inch (metric)	5:1
		X.XX±.008(0.20)	A4
		X.XX±.012(0.30)	A4
		X.XX±.006(0.15)	X.XX±.004(0.10)
		.XX±.1	.XX±0.5

GENERAL TOLERANCES (UNLESS SPECIFIED)	APPROVE BY	DATE	PART NO.	ITEM NO.
	FRANK	14/AUG/19	FBB10003-FXXS3XX3W5M	FBB10003
CHECKED BY	DATE	TITLE	Board to Board	
CHEERY	14/AUG/19	Pitch 1.0mm 180° Vertical (SMT)	REV 0	SHEET NO. 1/1
DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(SZ)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
ZOEY	14/AUG/19			

Ordering Information

Circuits (n)	Part No.	A	B	C	D	E
21	FBB10003-F21S3XX3W5M	.567(1.44)	.354(9.00)	.394(10.00)	.634(16.10)	.516(13.10)
31	FBB10003-F31S3XX3W5M	.764(19.40)	.551(14.00)	.591(15.00)	.831(21.10)	.713(18.10)
41	FBB10003-F41S3XX3W5M	.961(24.40)	.748(19.00)	.787(20.00)	1.028(26.10)	.909(23.10)
51	FBB10003-F51S3XX3W5M	1.157(29.40)	.945(24.00)	.984(25.00)	1.224(31.10)	1.106(28.10)

1	Category	FBB-Board To Board
2	Series Number	100-Pitch 1.0mm
3	Distinction No.	03
4	Type	F-Female
5	Circuits	XX
6	Entry Angle	S-180° Vertical
7	Plating	3-Selective gold in contact area, tin on tail
8	Thickness of Plating	01-1µ" 05-5µ" Custom plate available
9	Material-Resin	3-LCP
10	Color-Resin	W5-Natural
11	Packaging	M-Reel

Electrical
 Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 50 mΩ Max
 Insulation Resistance: 500 MΩ Min
 Withstanding Voltage: 200V AC r.m.s
 Temperature Range-Operating: -40°C~+105°C
 Material and Plating
 Housing: LCP (UL94V-0)
 Contact Pin: Phosphor Bronze
 Plating: Selective gold in contact area, tin on tail

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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