

REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD
1			12/JUN/17	JACOB	CHERRY
2		1. Size changes 2.Material-Resin change	12/MAY/21	KATE	CHERRY

Electrical

Current Rating: 0.5A AC(rms)/DC

Voltage Rating: 50V AC(rms)/DC

Contact Resistance: 40 m Ω Max

Insulation Resistance: 100 M Ω MIN

Withstanding Voltage: 250V AC r.m.s

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

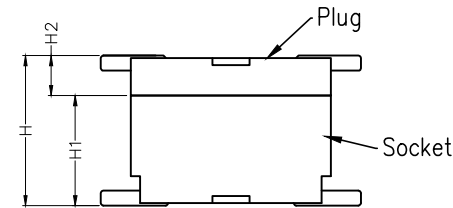
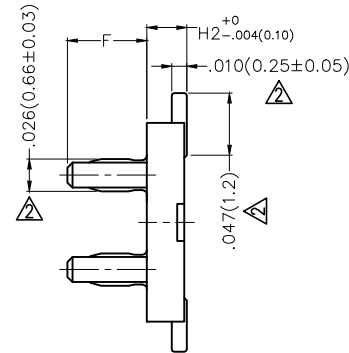
Material and Plating

Housing: PA9T (UL 94V-0)

Contact Pin: Phosphor Bronze

Plating: Gold Plated

Height H(in/mm)	Female H1(in/mm)	Male H2(in/mm)	F(in/mm)
.118(3.00)	.087(2.20)	.031(0.80)	.063(1.60)
.138(3.50)	.087(2.20)	.051(1.30)	.063(1.60)
.157(4.00)	.118(3.00)	.039(1.00)	.075(1.90)
.177(4.50)	.138(3.50)	.039(1.00)	.075(1.90)
.197(5.00)	.157(4.00)	.039(1.00)	.075(1.90)
.217(5.50)	.177(4.50)	.039(1.00)	.075(1.90)
.236(6.00)	.157(4.00)	.079(2.00)	.075(1.90)
.256(6.50)	.177(4.50)	.079(2.00)	.075(1.90)



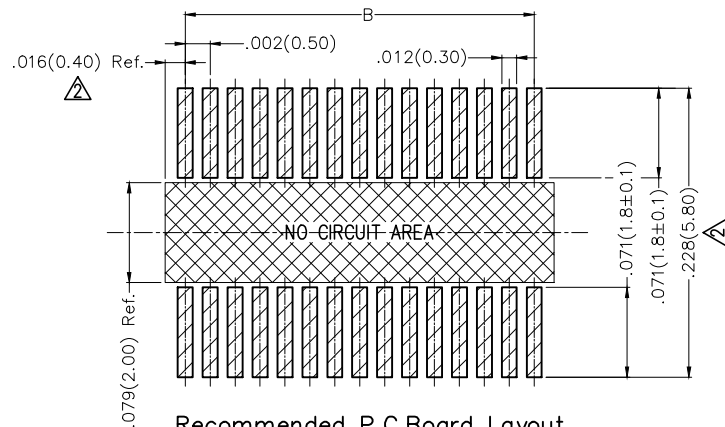
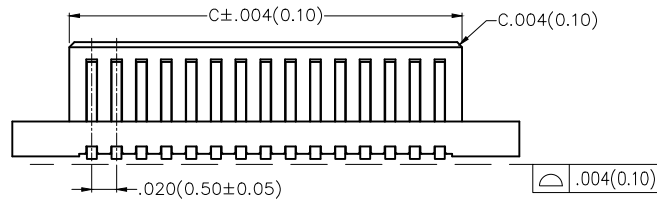
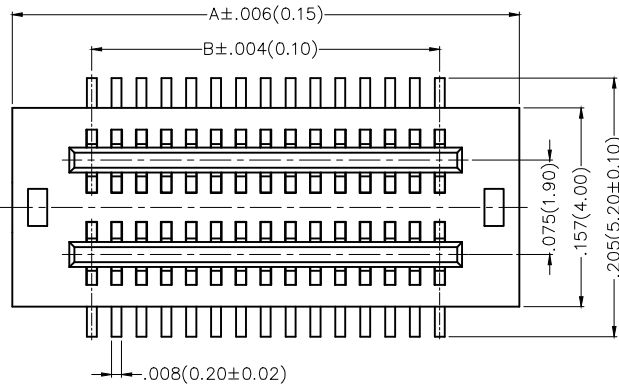
Mating Section

Ordering Information

FBF 050 03 — M XX S 1 XX 3 K6 M HXX
 1 2 3 4 5 6 7 8 9 10 11 12

1 <u>Category</u> FBF-Board To Board	2 <u>Series Number</u> 050-Pitch 0.5mm	3 <u>Distinction No.</u> 03	4 <u>Type</u> M-Male	5 <u>Circuits</u> XX	6 <u>Entry Angle</u> S-180° Vertical
7 <u>Plating</u> 1-Gold Plated	8 <u>Thickness of Plating</u> 00-Gold Flash 03-3μ"	9 <u>Material-Resin</u> 3-PA9T	10 <u>Color-Resin</u> K6-Black	11 <u>Packaging</u> M-Reel	12 <u>Male Height</u> H08-0.8mm H13-1.3mm

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/SEPT/13	PART NO. FBB05003—MXXS1XX3K6MHXX	TEM NO. FBB05003—M	 Leader Of Industry	
DESIGN UNITS Inch (metric)		X±.012(0.30)	.X'±5"	CHECKED BY	DATE	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)			
		X.X±.008(0.20)	.X'±2"	CHERRY	26/SEPT/13	REV 2		SHEET NO. 1/2	
		X.XX±.006(0.15)	.XX'±1"	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5"	JACOB	26/SEPT/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			



Recommended P.C.Board Layout
General tolerances: ±.020(0.50)

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[832-10-034-10-001000](#) [FX4C-80S-1.27DSA](#) [93696-330](#) [224393](#) [FCN-235D050-G/C](#) [210-93-314-41-105000](#) [MDF7-40DP-2.54DSA\(55\)](#)
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