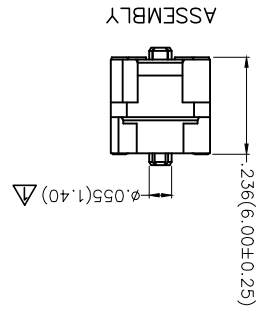


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		1. Add dimensions 2. Structure change	03/JUN/20	KATE	CHERRY

**SPECIFICATIONS**

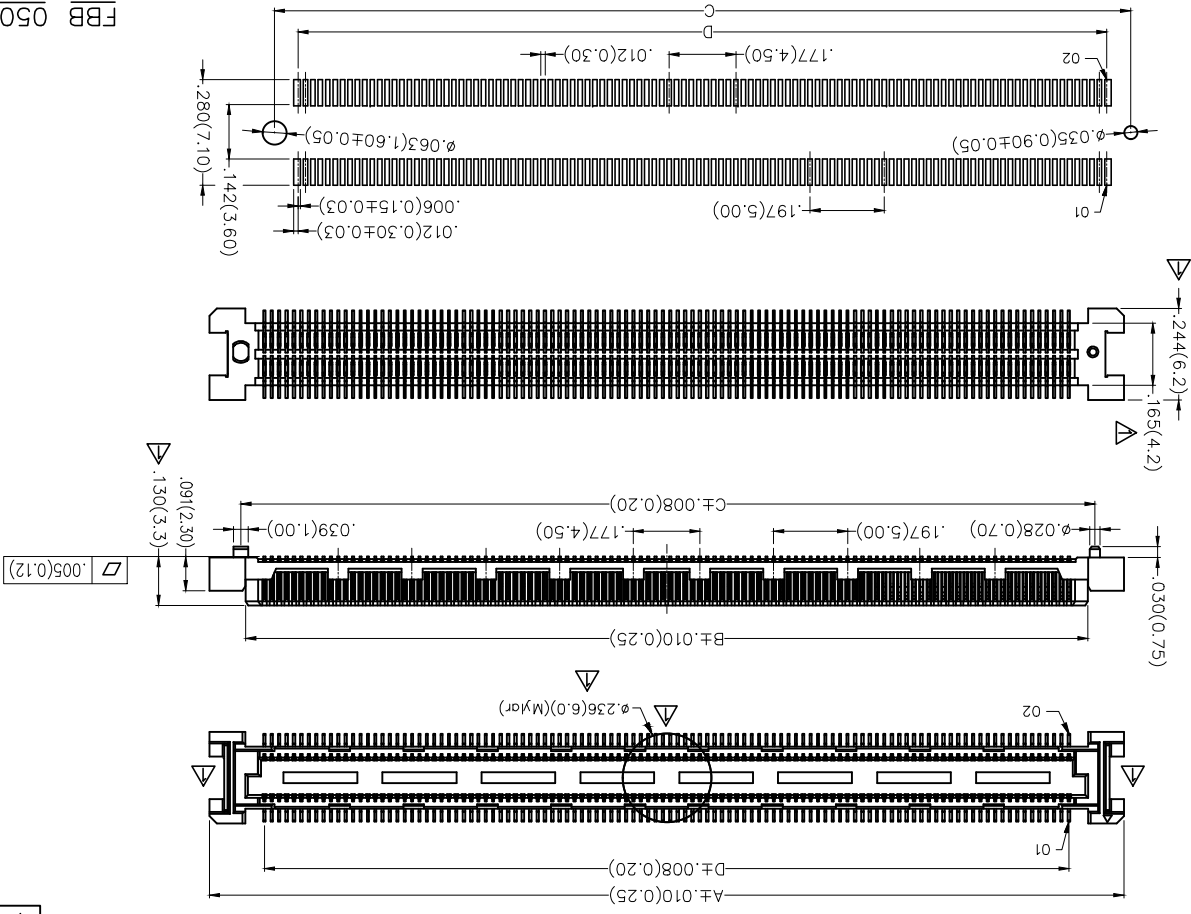
**Electrical**  
 Current Rating: 0.5A AC(rms)/DC  
 Voltage Rating: 50V AC(rms)/DC  
 Contact Resistance: 55 mΩ Max.  
 Insulation Resistance: 100 MΩ Min.  
 Withstanding Voltage: 200V AC r.m.s  
 Temperature Range—Operating: -40°C~+85°C  
 Material and Plating  
 Housing: LCP (UL 94V-0) Black  
 Contacts: Phosphor Bronze/ Selective gold in contact area, tin on tail



**Ordering Information**

FBB 050 09 — M XXX S 3 XX 3 K6 M  
 1 2 3 4 5 6 7 8 9 10 11

- 1 Category | FBB—Board to Board
- 2 Series Number | 050—Pitch0.50mm
- 3 Distinction No. | 09
- 4 Type | M—Male
- 5 Circuits | XXX
- 6 Entry Angle | S—180° Vertical
- 7 Plating | 3—Selective gold in contact area, tin on tail
- 8 Thickness of Plating | 01—1μ, 03—3μ, Custom plate available
- 9 Material—Resin | 3—LCP
- 10 Color—Resin | K6—Black
- 11 Packaging | M—Reel



Recommended P.C.Board Layout  
 General Tolerances: ±.002(0.05)

THIRD ANGLE PROJECTION		DESIGN UNITS	SCALE	SIZE	A4
X.F.012(0.30)		X.X±.008(0.20)	X.XX±.006(0.15)	X.XXX±.004(0.10)	X.XXX±.05
X.F.7		X.F.7	X.XX±.1	X.XXX±.1	X.XXX±.1
APPROVE BY	DATE	CHECKED BY	DATE	DRAWN BY	DATE
FRANK	16/AUG/19	CHERRY	16/AUG/19	Aubrey	16/AUG/19
GENERAL TOLERANCES (UNLESS SPECIFIED)					
PART NO. _____					
ITEM NO. _____					
TITLE					
Board to Board Pitch 0.5mm 180° Vertical (SMT)					
FBB05009-MXXXS3XX3K6M		FBB05009			
PART NO.		ITEM NO.			

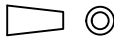


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SHEET NO. 1/2

APPD	REVISER	DATE	DESCRIPTION	LOCATIONS	REV

Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
120	FBB05009-M120S3XX3K6M	1.455(36.95)	1.262(32.05)	1.287(32.70)	1.161(29.50)
220	FBB05009-M220S3XX3K6M	2.439(61.95)	2.246(57.05)	2.272(57.70)	2.146(54.50)

THIRD ANGLE PROJECTION 	DATE	16/AUG/19	APPROVE BY	FRANK	GENERAL TOLERANCES (UNLESS SPECIFIED)
	DATE	16/AUG/19	CHECKED BY	CHERRY	X.±.012(0.30)
DESIGN UNITS Inch (metric)	DATE	16/AUG/19	DRAWN BY	Aubrey	X.±.008(0.20)
SCALE 5:1	DATE	16/AUG/19	DATE	16/AUG/19	X.±.006(0.15)
SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(SZ)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



PART NO. FBB05009-MXXXS3XX3K6M  
ITEM NO. FBB05009  
TITLE Board to Board  
Pitch 0.5mm 180° Vertical (SMT)

REV 1

SHEET NO. 2/2

8

7

6

5

4

3

2

1

E

D

C

B

A

F

E

D

C

B

A

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