

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

**SPECIFICATIONS**

**Electrical**

Current Rating: 0.5A AC(rms)/DC  
 Voltage Rating: 50V AC(rms)/DC  
 Contact Resistance: 50 mΩ Max.  
 Insulation Resistance: 100 MΩ Min.  
 Withstanding Voltage: 200V AC r.m.s  
 Temperature Range-Operating: -30°C~+80°C

**Material and Plating**

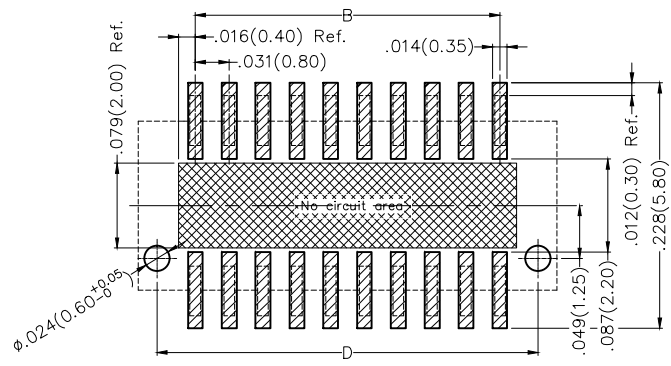
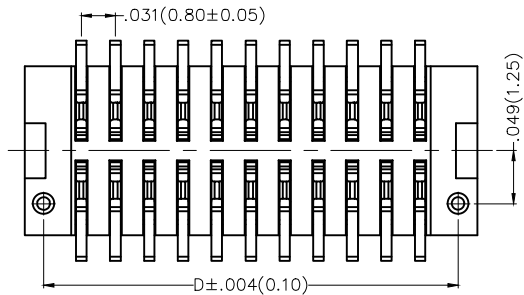
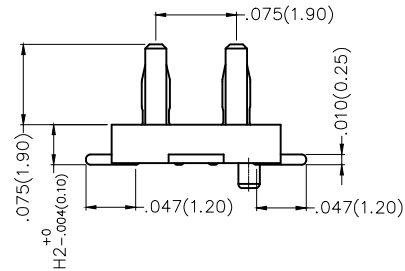
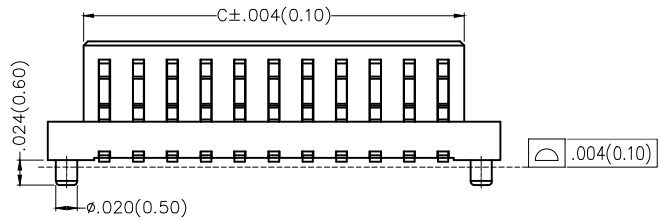
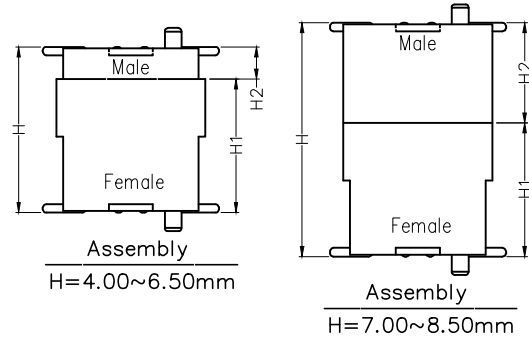
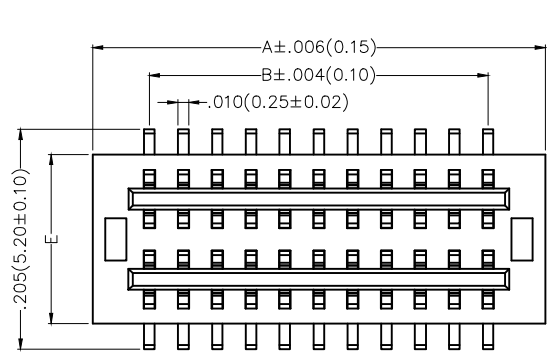
Housing: PA9T (UL 94V-0)  
 Contacts: Phosphor Bronze/ Gold Plated

Dimensions(in/mm)			
Height H	Female H1	Male H2	Male E
.157(4.00)	.118(3.00)	.039(1.00)	.157(4.00)
.177(4.50)	.138(3.50)	.039(1.00)	
.197(5.00)	.118(3.00)	.079(2.00)	
.197(5.00)	.157(4.00)	.039(1.00)	
.217(5.50)	.138(3.50)	.079(2.00)	
.217(5.50)	.177(4.50)	.039(1.00)	
.236(6.00)	.157(4.00)	.079(2.00)	.173(4.40)
.256(6.50)	.177(4.50)	.079(2.00)	
.276(7.00)	.118(3.00)	.157(4.00)	
.295(7.50)	.138(3.50)	.157(4.00)	
.315(8.00)	.157(4.00)	.157(4.00)	
.335(8.50)	.177(4.50)	.157(4.00)	


**Ordering Information**

FBB 080 09 — M XX S 1 XX 5 K6 M HXX  
 1 2 3 4 5 6 7 8 9 10 11 12

1 Category FBB-Board to Board	2 Series Number 080-Pitch0.80mm	3 Distinction No. 09	4 Type M-Male	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated	8 Thickness of Plating 01-1μ" 03-3μ" Custom plate available	9 Material-Resin 5-PA9T	10 Color-Resin K6-Black	11 Packaging M-Reel	12 Male height H10-H2=1.00mm H20-H2=2.00mm H40-H2=4.00mm





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

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/AUG/19	PART NO. FBB08009-MXXS1XX5K6MHXX	ITEM NO. FBB08009	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X'±5' 'X'±2' 'XX'±1' 'XXX'±0.5'	CHECKED BY CHERRY	DATE 21/AUG/19	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4		DRAWN BY KATE	DATE 21/AUG/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 0 SHEET NO. 1/2

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
8	FBB08009-M08S1XX5K6MHXX	.201(5.10)	.094(2.40)	.134(3.40)	.165(4.20)
10	FBB08009-M10S1XX5K6MHXX	.232(5.90)	.126(3.20)	.165(4.20)	.197(5.00)
12	FBB08009-M12S1XX5K6MHXX	.264(6.70)	.157(4.00)	.197(5.00)	.228(5.80)
14	FBB08009-M14S1XX5K6MHXX	.295(7.50)	.189(4.80)	.228(5.80)	.260(6.60)
16	FBB08009-M16S1XX5K6MHXX	.327(8.30)	.220(5.60)	.260(6.60)	.291(7.40)
18	FBB08009-M18S1XX5K6MHXX	.358(9.10)	.252(6.40)	.291(7.40)	.323(8.20)
20	FBB08009-M20S1XX5K6MHXX	.390(9.90)	.283(7.20)	.323(8.20)	.354(9.00)
22	FBB08009-M22S1XX5K6MHXX	.421(10.70)	.315(8.00)	.354(9.00)	.386(9.80)
24	FBB08009-M24S1XX5K6MHXX	.453(11.50)	.346(8.80)	.386(9.80)	.417(10.60)
28	FBB08009-M28S1XX5K6MHXX	.516(13.10)	.409(10.40)	.449(11.40)	.480(12.20)
30	FBB08009-M30S1XX5K6MHXX	.547(13.90)	.441(11.20)	.480(12.20)	.512(13.00)
32	FBB08009-M32S1XX5K6MHXX	.579(14.70)	.472(12.00)	.512(13.00)	.543(13.80)
34	FBB08009-M34S1XX5K6MHXX	.610(15.50)	.504(12.80)	.543(13.80)	.575(14.60)
36	FBB08009-M36S1XX5K6MHXX	.642(16.30)	.535(13.60)	.575(14.60)	.606(15.40)
40	FBB08009-M40S1XX5K6MHXX	.705(17.90)	.598(15.20)	.638(16.20)	.669(17.00)
42	FBB08009-M42S1XX5K6MHXX	.736(18.70)	.630(16.00)	.669(17.00)	.701(17.80)
44	FBB08009-M44S1XX5K6MHXX	.768(19.50)	.661(16.80)	.701(17.80)	.732(18.60)
46	FBB08009-M46S1XX5K6MHXX	.799(20.30)	.693(17.60)	.732(18.60)	.764(19.40)
50	FBB08009-M50S1XX5K6MHXX	.862(21.90)	.756(19.20)	.795(20.20)	.827(21.00)
60	FBB08009-M60S1XX5K6MHXX	1.020(25.90)	.913(23.20)	.953(24.20)	.984(25.00)
70	FBB08009-M70S1XX5K6MHXX	1.177(29.90)	1.071(27.20)	1.110(28.20)	1.142(29.00)
80	FBB08009-M80S1XX5K6MHXX	1.335(33.90)	1.228(31.20)	1.268(32.20)	1.299(33.00)
100	FBB08009-M100S1XX5K6MHXX	1.650(41.90)	1.543(39.20)	1.583(40.20)	1.614(41.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/AUG/19	PART NO. FBB08009-MXXS1XX5K6MHXX	ITEM NO. FBB08009	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5° .X'±2° .XX'±1° .XXX'±0.5°	CHECKED BY CHERRY	DATE 21/AUG/19	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4		DRAWN BY KATE	DATE 21/AUG/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 0 SHEET NO. 2/2