

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

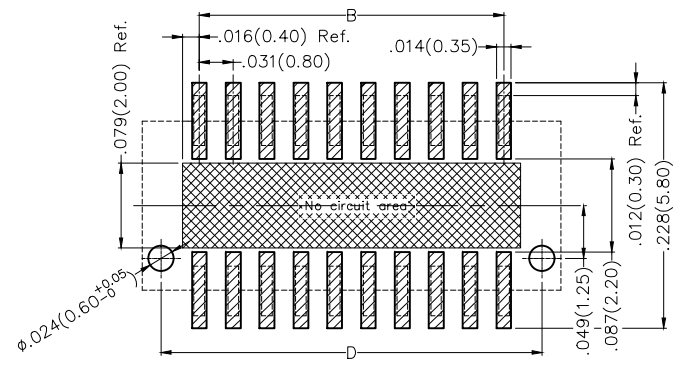
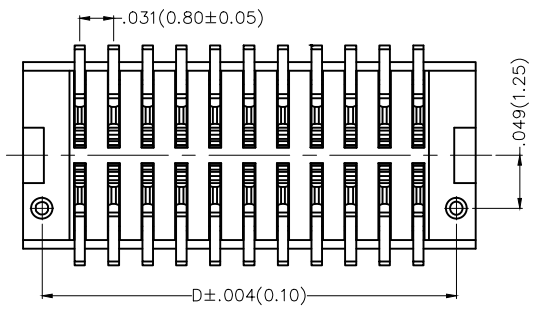
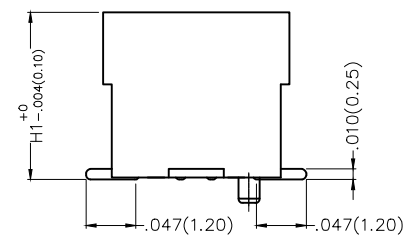
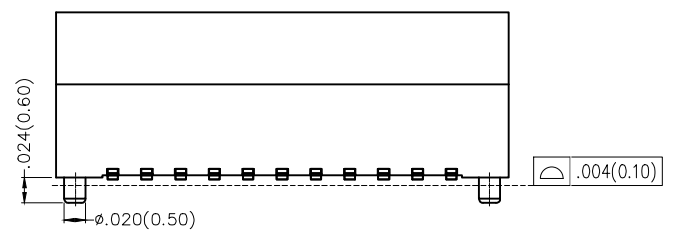
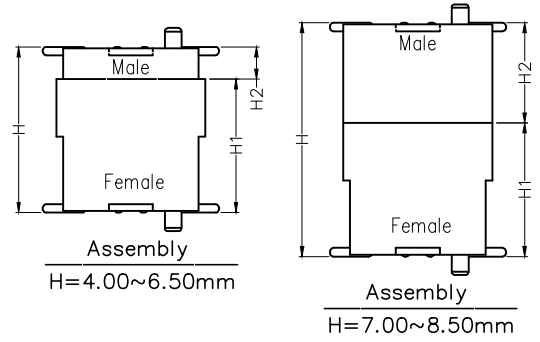
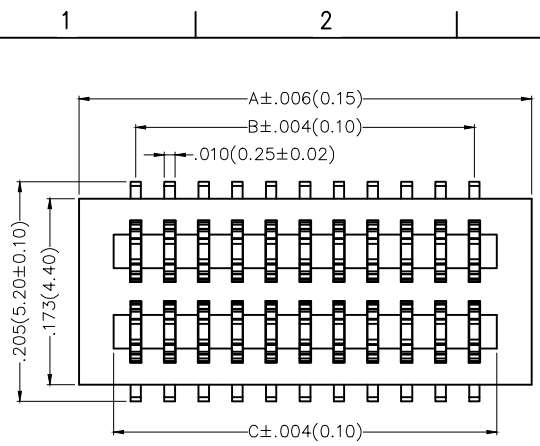
Material and Plating
 Housing: PA9T (UL 94V-0)
 Contacts: Phosphor Bronze/ Gold Plated

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 — F 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 F-Female	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 Female height H30-H1=3.00mm H35-H1=3.50mm ...

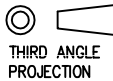



Recommended P.C.Board Layout
 General Tolerances: ±.002(0.05)

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/AUG/19	PART NO. FBB08009-FXXS1XX5K6MHXX	ITEM NO. FBB08009	 Leader Of Industry
	X.±.012(0.30)	X'±5'	CHECKED BY CHERRY	DATE 21/AUG/19	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	X'±2'	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
SCALE 5:1	SIZE A4	X.XX±.006(0.15)					SHEET NO. 1/2
		X.XXX±.004(0.10)					

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Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
8	FBB08009-F08S1XX5K6MHXX	.201(5.10)	.094(2.40)	.136(3.46)	.165(4.20)
10	FBB08009-F10S1XX5K6MHXX	.232(5.90)	.126(3.20)	.168(4.26)	.197(5.00)
12	FBB08009-F12S1XX5K6MHXX	.264(6.70)	.157(4.00)	.199(5.06)	.228(5.80)
14	FBB08009-F14S1XX5K6MHXX	.295(7.50)	.189(4.80)	.231(5.86)	.260(6.60)
16	FBB08009-F16S1XX5K6MHXX	.327(8.30)	.220(5.60)	.262(6.66)	.291(7.40)
18	FBB08009-F18S1XX5K6MHXX	.358(9.10)	.252(6.40)	.294(7.46)	.323(8.20)
20	FBB08009-F20S1XX5K6MHXX	.390(9.90)	.283(7.20)	.325(8.26)	.354(9.00)
22	FBB08009-F22S1XX5K6MHXX	.421(10.70)	.315(8.00)	.357(9.06)	.386(9.80)
24	FBB08009-F24S1XX5K6MHXX	.453(11.50)	.346(8.80)	.388(9.86)	.417(10.60)
28	FBB08009-F28S1XX5K6MHXX	.516(13.10)	.409(10.40)	.451(11.46)	.480(12.20)
30	FBB08009-F30S1XX5K6MHXX	.547(13.90)	.441(11.20)	.483(12.26)	.512(13.00)
32	FBB08009-F32S1XX5K6MHXX	.579(14.70)	.472(12.00)	.514(13.06)	.543(13.80)
34	FBB08009-F34S1XX5K6MHXX	.610(15.50)	.504(12.80)	.546(13.86)	.575(14.60)
36	FBB08009-F36S1XX5K6MHXX	.642(16.30)	.535(13.60)	.577(14.66)	.606(15.40)
40	FBB08009-F40S1XX5K6MHXX	.705(17.90)	.598(15.20)	.640(16.26)	.669(17.00)
42	FBB08009-F42S1XX5K6MHXX	.736(18.70)	.630(16.00)	.672(17.06)	.701(17.80)
44	FBB08009-F44S1XX5K6MHXX	.768(19.50)	.661(16.80)	.703(17.86)	.732(18.60)
46	FBB08009-F46S1XX5K6MHXX	.799(20.30)	.693(17.60)	.735(18.66)	.764(19.40)
50	FBB08009-F50S1XX5K6MHXX	.862(21.90)	.756(19.20)	.798(20.26)	.827(21.00)
60	FBB08009-F60S1XX5K6MHXX	1.020(25.90)	.913(23.20)	.955(24.26)	.984(25.00)
70	FBB08009-F70S1XX5K6MHXX	1.177(29.90)	1.071(27.20)	1.113(28.26)	1.142(29.00)
80	FBB08009-F80S1XX5K6MHXX	1.335(33.90)	1.228(31.20)	1.270(32.26)	1.299(33.00)
100	FBB08009-F100S1XX5K6MHXX	1.650(41.90)	1.543(39.20)	1.585(40.26)	1.614(41.00)

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	X.±.012(0.30) X.±5'		CHECKED BY CHERRY	DATE 21/AUG/19	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)			REV 0 SHEET NO. 2/2
	DESIGN UNITS Inch (metric)	X.X±.008(0.20) X.±2'	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			
	SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.X±1'	X.XXX±.004(0.10) X.XX±0.5'				