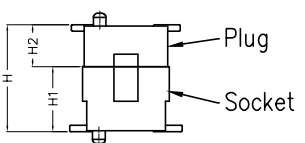
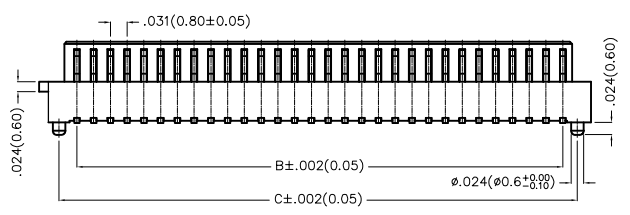
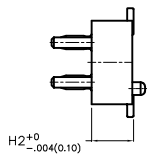
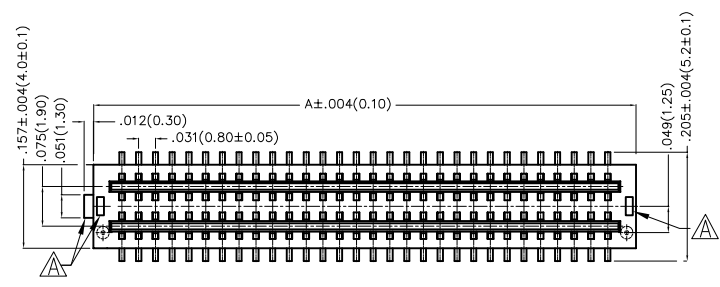


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
△	△	Part No. Change: FR-080MSS-DXX-HXX To FBB08001-MXXS1XX3XXMHXX	29/OCT/13	JACOB	CHERRY

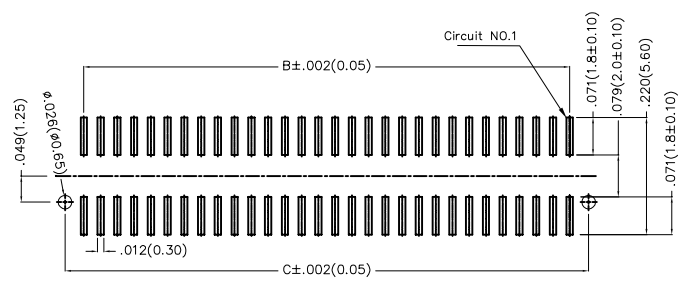
Electrical
 Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 50 mΩ Max
 Insulation Resistance: 500 MΩ MIN
 Withstanding Voltage: 250V AC r.m.s
 Temperature Range-Operating: -25°C ~ +85°C

Material and Plating
 Housing: LCP(UL 94V-0)
 Contact Pin: Phosphor Bronze
 Plating: Gold Plated



Mating Section

Height H(in/mm)	Female H1(in/mm)	Male H2(in/mm)
.157(4.00)	.118(3.00)	.039(1.00)
.177(4.50)	.138(3.50)	.039(1.00)
.197(5.00)	.157(4.00)	.039(1.00)
.217(5.50)	.177(4.50)	.039(1.00)
.236(6.00)	.157(4.00)	.079(2.00)
.256(6.50)	.177(4.50)	.079(2.00)



Recommended P.C.Board Layout

Ordering Information

FBB 080 01 — M XX S 1 XX 3 XX M HXX
 1 2 3 4 5 6 7 8 9 10 11 12



1	Category FBB-Board To Board	2	Series Number 080-Pitch 0.8mm	3	Distinction No. 01	4	Type M-Male	5	Circuits XX	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated	8	Thickness of Plating 00-Gold Flash 03-3μ"	9	Material-Resin 3-LCP	10	Color-Resin K6-Black W5-White	11	Packaging M-Reel	12	Male High H10-1.0mm H20-2.0mm

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/SEPT/13	PART NO. FBB08001-MXXS1XX3XXMHXX	TEM NO. FBB08001-M	 Building Technology Cornerstone
	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 26/SEPT/13	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4	DRAWN BY JACOB		DATE 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		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
△	△	Part No. Change: FR-080MSS-DXX-HXX To FBB08001-MXXS1XX3XXMHXX	29/OCT/13	JACOB	CHERRY

Circuits (n)	Part No. △	Dimensions(in/mm)			Circuits (n)	Part No. △	Dimensions(in/mm)		
		A	B	C			A	B	C
8	FBB08001-M08S1XX3XXMHXX	.201(5.10)	.094(2.40)	.165(4.20)	34	FBB08001-M34S1XX3XXMHXX	.610(15.50)	.504(12.80)	.575(14.60)
10	FBB08001-M10S1XX3XXMHXX	.232(5.90)	.126(3.20)	.197(5.00)	36	FBB08001-M36S1XX3XXMHXX	.642(16.30)	.543(13.60)	.606(15.40)
12	FBB08001-M12S1XX3XXMHXX	.264(6.70)	.157(4.00)	.228(5.80)	38	FBB08001-M38S1XX3XXMHXX	.673(17.10)	.567(14.40)	.638(16.20)
14	FBB08001-M14S1XX3XXMHXX	.295(7.50)	.189(4.80)	.260(6.60)	40	FBB08001-M40S1XX3XXMHXX	.705(17.90)	.598(15.20)	.669(17.00)
16	FBB08001-M16S1XX3XXMHXX	.327(8.30)	.220(5.60)	.291(7.40)	42	FBB08001-M42S1XX3XXMHXX	.736(18.70)	.630(16.00)	.701(17.80)
18	FBB08001-M18S1XX3XXMHXX	.358(9.10)	.252(6.40)	.323(8.20)	44	FBB08001-M44S1XX3XXMHXX	.768(19.50)	.661(16.80)	.732(18.60)
20	FBB08001-M20S1XX3XXMHXX	.390(9.90)	.283(7.20)	.354(9.00)	46	FBB08001-M46S1XX3XXMHXX	.799(20.30)	.693(17.60)	.764(19.40)
22	FBB08001-M22S1XX3XXMHXX	.421(10.70)	.315(8.00)	.386(9.80)	48	FBB08001-M48S1XX3XXMHXX	.831(21.10)	.724(18.40)	.795(20.20)
24	FBB08001-M24S1XX3XXMHXX	.453(11.50)	.346(8.80)	.417(10.60)	50	FBB08001-M50S1XX3XXMHXX	.862(21.90)	.756(19.20)	.827(21.00)
26	FBB08001-M26S1XX3XXMHXX	.484(12.30)	.378(9.60)	.449(11.40)	60	FBB08001-M60S1XX3XXMHXX	1.012(25.90)	.913(23.20)	.984(25.00)
28	FBB08001-M28S1XX3XXMHXX	.516(13.10)	.409(10.40)	.480(12.20)	70	FBB08001-M70S1XX3XXMHXX	1.177(29.90)	1.071(27.20)	1.142(29.00)
30	FBB08001-M30S1XX3XXMHXX	.547(13.90)	.441(11.20)	.512(13.00)	80	FBB08001-M80S1XX3XXMHXX	1.335(33.90)	1.228(31.20)	1.300(33.00)
32	FBB08001-M32S1XX3XXMHXX	.579(14.70)	.472(12.00)	.543(13.80)	100	FBB08001-M100S1XX3XXMHXX	1.650(41.90)	1.543(39.20)	1.614(41.00)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/SEPT/13	PART NO. FBB08001-MXXS1XX3XXMHXX	TEM NO. FBB08001-M	 Building Technology Cornerstone	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 26/SEPT/13	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)			REV 1
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 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		
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'				

1 2 3 4 5 6 7 8