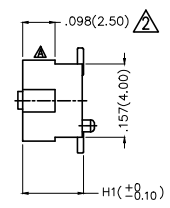
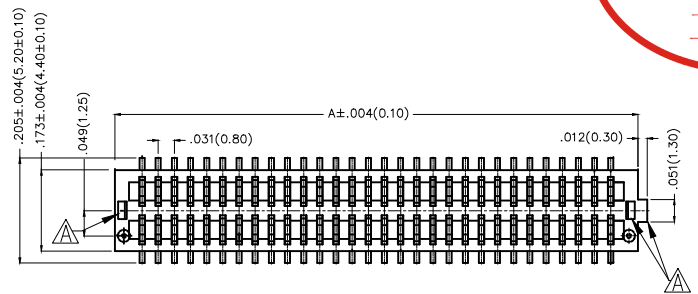




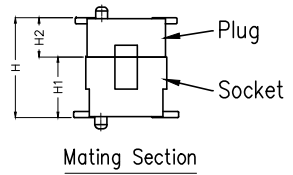
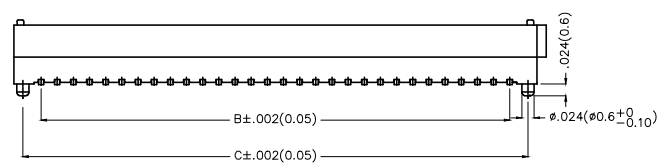
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
△	△	Part No. Change:FR-080FSS-DXX-HXX To FBB08001-FXXS1XX3XXMHXX	29/OCT/13	JACOB	CHERRY
2	△	Dimension: Change 1.70 into 2.50mm	15/DEC/17	KATE	FRANK

**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



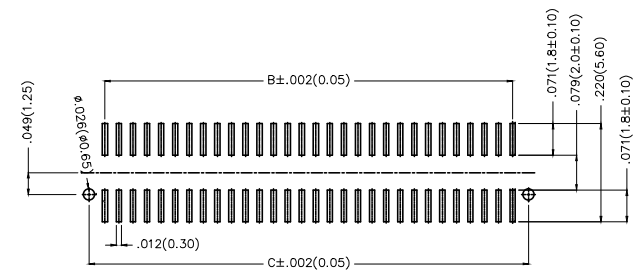
Height H(in/mm)	Female H1(in/mm)	Male H2(in/mm)
.157(4.00)	.118(3.00)	.039(1.00)
.177(4.50)	.138(3.50)	.039(1.00)
.197(5.00)	.157(4.00)	.039(1.00)
.217(5.50)	.177(4.50)	.039(1.00)
.236(6.00)	.157(4.00)	.079(2.00)
.256(6.50)	.177(4.50)	.079(2.00)



Ordering Information

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

- |                                  |   |                           |  |                        |   |
|----------------------------------|---|---------------------------|--|------------------------|---|
| 1 Category<br>FBB—Board To Board | 2 Series Number<br>080—Pitch0.8mm                 | 3 Distinction No.<br>01   | 4 Type<br>F—Female                     | 5 Circuits<br>XX       | 6 Entry Angle<br>S—180° Vertical                  |
| 7 Plating<br>1—Gold Plated       | 8 Thickness of Plating<br>00—Gold Flash<br>03—3μ" | 9 Material—Resin<br>3—LCP | 10 Color—Resin<br>K6—Black<br>W5—White | 11 Packaging<br>M—Reel | 12 Female High<br>H30—3.0mm<br>H35—3.5mm<br>..... |



Recommended P.C.Board Layout

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/SEPT/13	PART NO. FBB08001-FXXS1XX3XXMHXX	TEM NO. FBB08001-F	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X'±5° X.X±.008(0.20) X'±2° X.XX±.006(0.15) .XX'±1° X.XXX±.004(0.10) .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 DONG GUAN LANG JUN(3K-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
△	△	Part No. Change:FR-080FSS-DXX-HXX To FBB08001-FXXS1XX3XXMHXX	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-F08S1XX3XXMHXX	.201(5.10)	.094(2.40)	.165(4.20)	34	FBB08001-F34S1XX3XXMHXX	.610(15.50)	.504(12.80)	.575(14.60)
10	FBB08001-F10S1XX3XXMHXX	.232(5.90)	.126(3.20)	.197(5.00)	36	FBB08001-F36S1XX3XXMHXX	.642(16.30)	.543(13.60)	.606(15.40)
12	FBB08001-F12S1XX3XXMHXX	.264(6.70)	.157(4.00)	.228(5.80)	38	FBB08001-F38S1XX3XXMHXX	.673(17.10)	.567(14.40)	.638(16.20)
14	FBB08001-F14S1XX3XXMHXX	.295(7.50)	.189(4.80)	.260(6.60)	40	FBB08001-F40S1XX3XXMHXX	.705(17.90)	.598(15.20)	.669(17.00)
16	FBB08001-F16S1XX3XXMHXX	.327(8.30)	.220(5.60)	.291(7.40)	42	FBB08001-F42S1XX3XXMHXX	.736(18.70)	.630(16.00)	.701(17.80)
18	FBB08001-F18S1XX3XXMHXX	.358(9.10)	.252(6.40)	.323(8.20)	44	FBB08001-F44S1XX3XXMHXX	.768(19.50)	.661(16.80)	.732(18.60)
20	FBB08001-F20S1XX3XXMHXX	.390(9.90)	.283(7.20)	.354(9.00)	46	FBB08001-F46S1XX3XXMHXX	.799(20.30)	.693(17.60)	.764(19.40)
22	FBB08001-F22S1XX3XXMHXX	.421(10.70)	.315(8.00)	.386(9.80)	48	FBB08001-F48S1XX3XXMHXX	.831(21.10)	.724(18.40)	.795(20.20)
24	FBB08001-F24S1XX3XXMHXX	.453(11.50)	.346(8.80)	.417(10.60)	50	FBB08001-F50S1XX3XXMHXX	.862(21.90)	.756(19.20)	.827(21.00)
26	FBB08001-F26S1XX3XXMHXX	.484(12.30)	.378(9.60)	.449(11.40)	60	FBB08001-F60S1XX3XXMHXX	1.012(25.90)	.913(23.20)	.984(25.00)
28	FBB08001-F28S1XX3XXMHXX	.516(13.10)	.409(10.40)	.480(12.20)	70	FBB08001-F70S1XX3XXMHXX	1.177(29.90)	1.071(27.20)	1.142(29.00)
30	FBB08001-F30S1XX3XXMHXX	.547(13.90)	.441(11.20)	.512(13.00)	80	FBB08001-F80S1XX3XXMHXX	1.335(33.90)	1.228(31.20)	1.300(33.00)
32	FBB08001-F32S1XX3XXMHXX	.579(14.70)	.472(12.00)	.543(13.80)					



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/SEPT/13	PART NO. FBB08001-FXXS1XX3XXMHXX	TEM NO. FBB08001-F	 3K-KAMING®
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 26/SEPT/13	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)		
DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY JACOB	DATE 26/SEPT/13			
SCALE 5:1	X.XX±.006(0.15)	.XX'±1'					
SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5'					