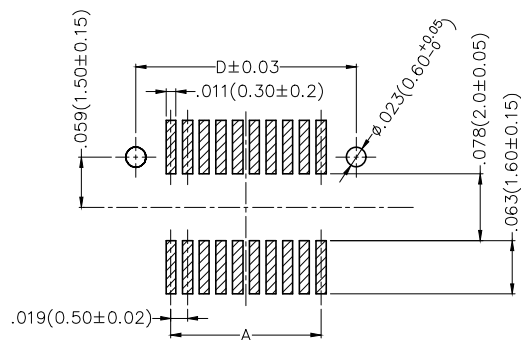
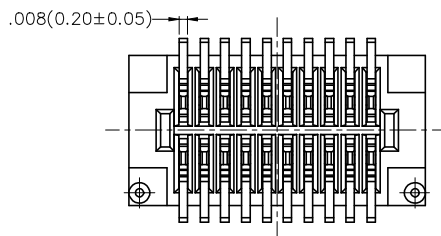
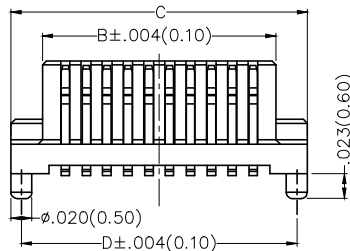
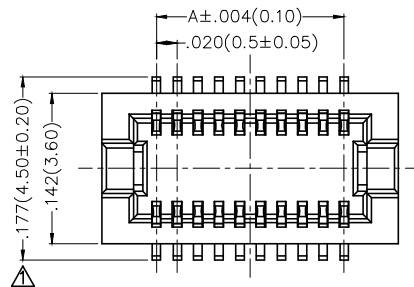
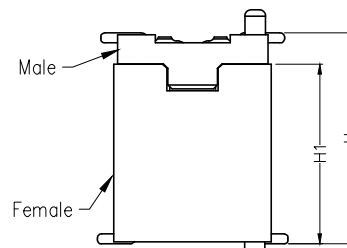
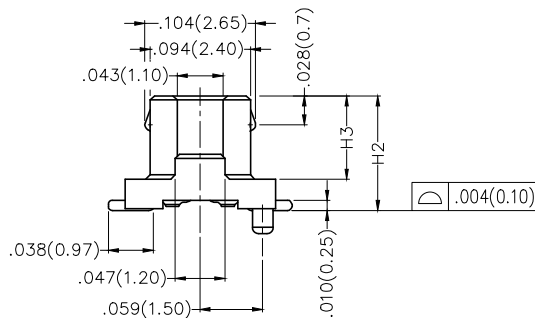




Recommended P.C.Board Layout
General Tolerances: $\pm .002(0.05)$



ASSEMBLY



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: $-35^{\circ}\text{C}\sim+85^{\circ}\text{C}$

Material and Plating

Housing: LCP (UL 94V-0) Natural
Contacts: Phosphor Bronze/ Gold plated

Dimensions(in./mm)			
Height H	Female H1	Male H2	Male H3
.118(3.00)	.093(2.35)	.087(2.20)	.057(1.45)
.197(5.00)	.171(4.35)	.108(2.75)	.079(2.00)

Ordering Information

FBF 050 08 — M XX S 1 XX 3 W5 M HXX
1 2 3 4 5 6 7 8 9 10 11 12

1 Category FBF-Board to Board	2 Series Number 050-Pitch0.50mm	3 Distinction No. 08	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 3-LCP	10 Color-Resin W5-Natural	11 Packaging M-Reel	12 Female height H22-H2=2.20mm H28-H2=2.75mm

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/AUG/19	PART NO. FBB05008-MXXS1XX3W5MHXX	TEM NO. FBB05008	 3K-KAMING	
		X.±.012(0.30)	X'±5'	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2'	CHERRY	14/AUG/19	Board to Board Pitch 0.5mm 180° Vertical (SMT)		REV 0	SHEET NO. 1/2
		X.XX±.006(0.15)	.XX'±1'	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAWING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XXX±.004(0.10)	.XXX'±0.5'	Aubrey	14/AUG/19				
SCALE 5:1	SIZE A4								

A

B

C

D

E

F

A

B

C

D

E

F

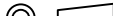
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
20	FBB05008-M20S1XX3W5MHXX	.177(4.50)	.220(5.60)	.280(7.10)	.260(6.60)
30	FBB05008-M30S1XX3W5MHXX	.276(7.00)	.319(8.10)	.378(9.60)	.358(9.10)
40	FBB05008-M40S1XX3W5MHXX	.374(9.50)	.417(10.60)	.476(12.10)	.457(11.60)
50	FBB05008-M50S1XX3W5MHXX	.472(12.00)	.516(13.10)	.575(14.60)	.555(14.10)



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/AUG/19	PART NO. FBB05008—MXXS1XX3W5MHXX	ITEM NO. FBB05008	 3K-KAMING®		
		X.±.012(0.30)	X'±5"	CHECKED BY CHERRY	DATE 14/AUG/19	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)				
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2"	DRAWN BY Aubrey	DATE 14/AUG/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			REV 0	SHEET NO. 2/2
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1"							
		X.XXX±.004(0.10)	.XXX'±0.5"							

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