

REV	LOCATIONS	DESCRIPTION	DATE	REVISOR	APPD
1	△	1. Add dimensions 2. Structure change	03/JUN/20	KATE	CHERRY

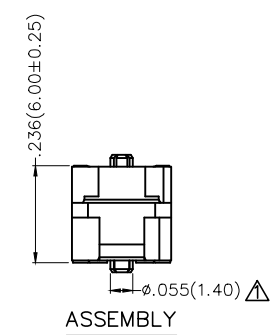
SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC  
Voltage Rating: 50V AC(rms)/DC  
Contact Resistance: 55 mΩ Max.  
Insulation Resistance: 100 MΩ Min.  
Withstanding Voltage: 200V AC r.m.s  
Temperature Range-Operating: -40°C~+85°C

Material and Plating

Housing: LCP (UL 94V-0) Black  
Contacts: Phosphor Bronze/ Selective gold in contact area, tin on tail



Ordering Information

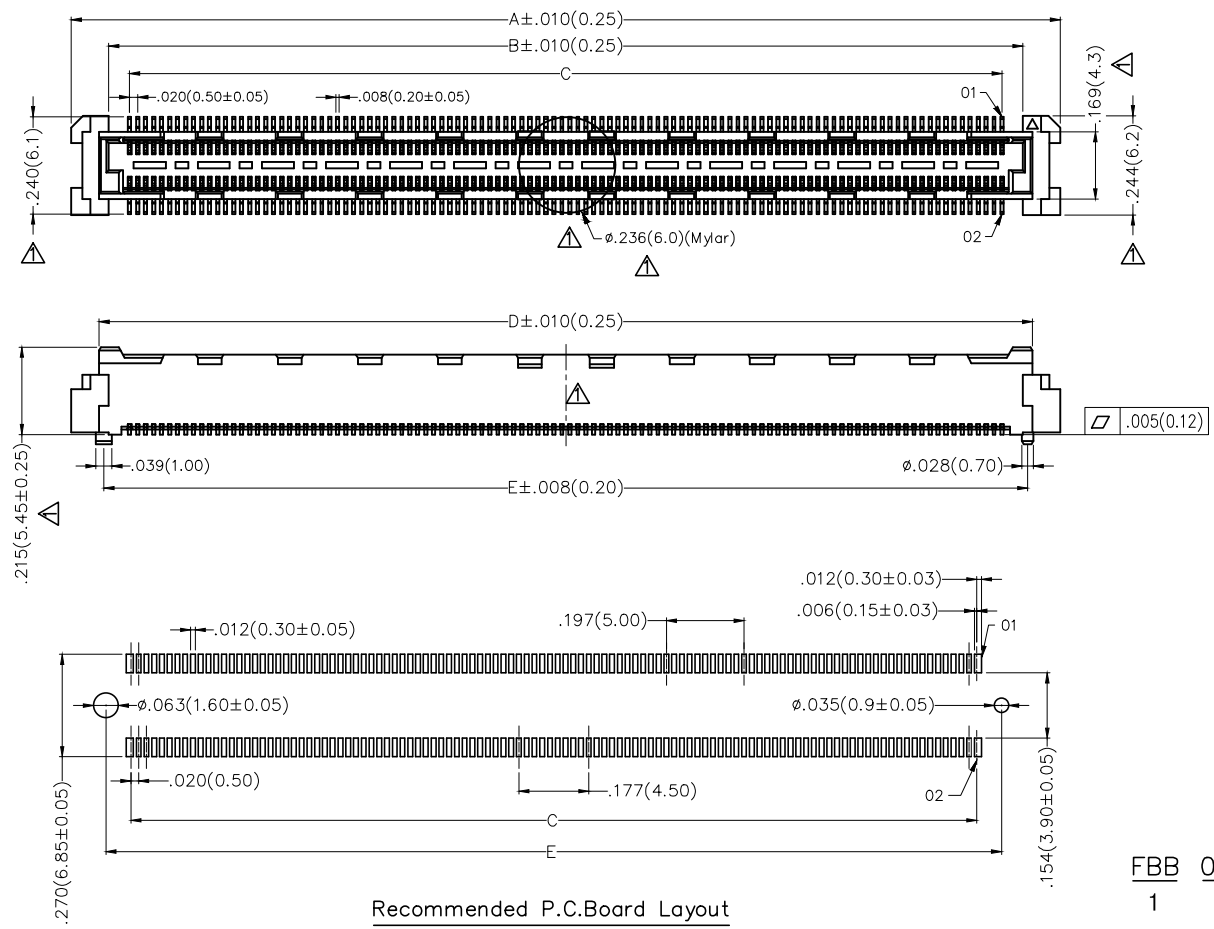
FBB 050 09 — F XXX S 3 XX 3 K6 M  
1 2 3 4 5 6 7 8 9 10 11

1	Category	2	Series Number	3	Distinction No.	4	Type	5	Circuits	6	Entry Angle
	FBB-Board to Board		050-Pitch 0.50mm		09		F-Female		XXX		S-180° Vertical
7	Plating	8	Thickness of Plating	9	Material-Resin	10	Color-Resin	11	Packaging		
	3-Selective gold in contact area, tin on tail		01-1μ" 03-3μ" Custom plate available		3-LCP		K6-Black		M-Reel		

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



THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	3K-KAMING	
		X.±.012(0.30)	X.±5'	FRANK	19/AUG/19	FBB05009-FXXXS3XX3K6M	FBB05009	REV 1 SHEET NO. 1/2	
DESIGN UNITS		X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		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	
Inch (metric)		X.XX±.006(0.15)	.XX'±1'	CHERRY	19/AUG/19	Board to Board Pitch 0.5mm 180° Vertical (SMT)			
SCALE	SIZE	X.XXX±.004(0.10)	.XXX'±0.5'	DRAWN BY	DATE				
5:1	A4			Aubrey	19/AUG/19				



1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



A  
B  
C  
D  
E  
F

A  
B  
C  
D  
E  
F

Circuits (n)	Part No.	Dimensions(in/mm)				
		A	B	C	D	E
120	FBB05009-F120S3XX3K6M	1.449(36.80)	1.264(32.10)	1.161(29.50)	1.311(33.30)	1.287(32.70)
220	FBB05009-F220S3XX3K6M	2.433(61.80)	2.248(57.10)	2.146(54.50)	2.295(58.30)	2.272(57.70)



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/AUG/19	PART NO. FBB05009-FXXXS3XX3K6M	ITEM NO. FBB05009	 3K-KAMING	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 19/AUG/19	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)			REV 1
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X'±2'	DRAWN BY Aubrey	DATE 19/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		
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1'					
		X.XXX±.004(0.10)	.XXX'±0.5'					

1 2 3 4 5 6 7 8