

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	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.

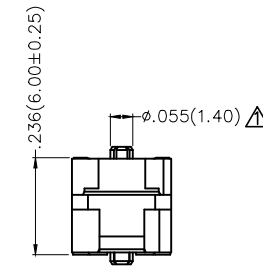
Withstanding Voltage: 200V AC r.m.s

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



ASSEMBLY

Ordering Information

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

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

Recommended P.C.Board Layout

General Tolerances: ±.002(0.05)



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 16/AUG/19	PART NO. FBB05009-MXXXS3XX3K6M	ITEM NO. FBB05009	 3K-KAMING®	
		X.±.012(0.30)	X'±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2°	CHERRY	16/AUG/19	Board to Board Pitch 0.5mm 180° Vertical (SMT)		REV 1	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-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5°	Aubrey	16/AUG/19				

1 2 3 4 5 6 7 8

A

B

C

D

E

F

A

B

C

D

E

F

12345678

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
120	FBB05009-M120S3XX3K6M	1.455(36.95)	1.262(32.05)	1.287(32.70)	1.161(29.50)
220	FBB05009-M220S3XX3K6M	2.439(61.95)	2.246(57.05)	2.272(57.70)	2.146(54.50)



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 16/AUG/19	PART NO. FBB05009-MXXXS3XX3K6M	ITEM NO. FBB05009	 3K-KAMING®	
		X.±.012(0.30)	X'±5"	CHECKED BY CHERRY	DATE 16/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 16/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 1	SHEET NO. 2/2
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1"						
		X.XXX±.004(0.10)	.XXX'±0.5"						

12345678