

A

B

C

D

E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Reorganized the P.C.Board Layout	20/AUG/20	KATE	CHERRY
2		Add 180 Circuits	08/JUL/21	KATE	CHERRY
3		Change terminal size to increase contact force	20/JUN/25	MATT	LEO

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.

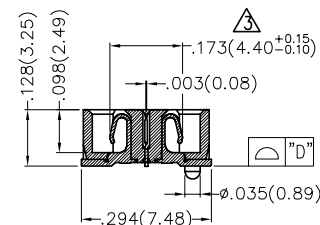
Withstanding Voltage: 200V AC r.m.s

Temperature Range—Operating: -35°C~+85°C

Material and Plating

Housing: LCP (UL 94V-0) Black

Contacts: Phosphor Bronze/ 10μ" gold on contact area, matte tin on tail



Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
60	FBB05007-F60S3103K6M	.842(21.38)	.793(20.13)	.794(20.18)	0.04(0.10)
120	FBB05007-F120S3103K6M	1.629(41.38)	1.580(40.13)	1.582(40.18)	0.04(0.10)
180	FBB05007-F180S3103K6M	2.417(61.38)	2.367(60.13)	2.369(60.18)	0.06(0.15)

Ordering Information

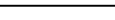
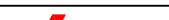
FBB	050	07	—	F	XX	S	3	10	3	K6	M
1	2	3		4	5	6	7	8	9	10	11

1	Category	2	Series Number	3	Distinction No.	4	Type	5	Circuits	6	Entry Angle
	FBB—Board to Board		050—Pitch 0.50mm		07		F—Female		XX		S—180° Vertical
7	Plating	8	Thickness of Plating	9	Material—Resin	10	Color—Resin	11	Packaging		
	3—Selective gold on contact area, tin on tail		10—10μ"		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 FRANK	DATE 21/DEC/18	PART NO. FBB05007-FXXS3103K6M	ITEM NO. FBB05007	 Building Technology Cornerstone	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)		REV 3	SHEET NO. 1/1
		X.X±.008(0.20)	.X±2°	CHERRY	21/DEC/18				
		X.XX±.006(0.15)	.XX±1°	DRAWN BY	DATE				
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5°	KATE	21/DEC/18	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			