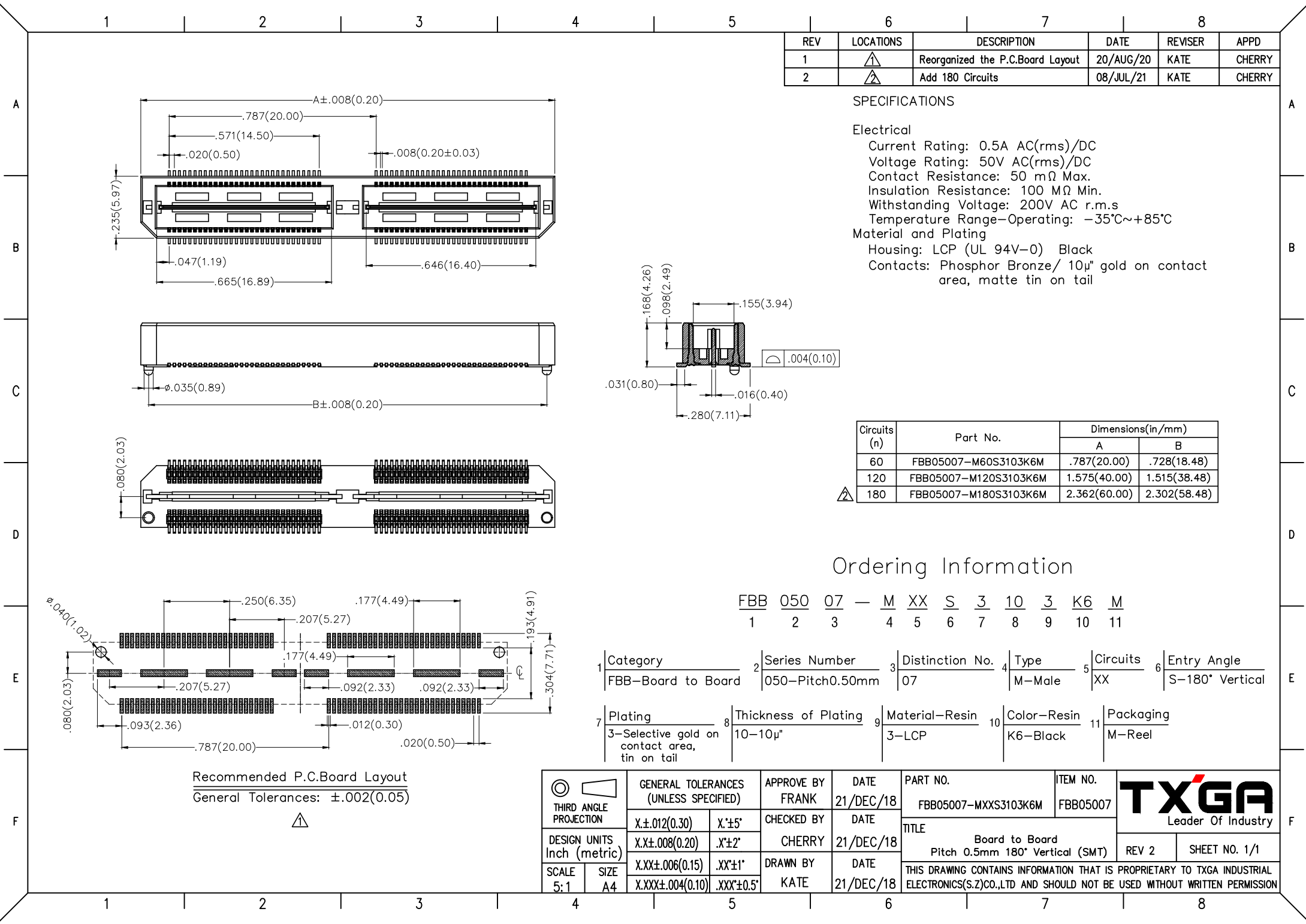




REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Reorganized the P.C.Board Layout	20/AUG/20	KATE	CHERRY
2		Add 180 Circuits	08/JUL/21	KATE	CHERRY

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
60	FBB05007-M60S3103K6M	.787(20.00)	.728(18.48)
120	FBB05007-M120S3103K6M	1.575(40.00)	1.515(38.48)
180	FBB05007-M180S3103K6M	2.362(60.00)	2.302(58.48)

Ordering Information

FBB 050 07 — M XX S 3 10 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. 07	4 Type M—Male	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 3—Selective gold on contact area, tin on tail	8 Thickness of Plating 10—10μ"	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 21/DEC/18	PART NO. FBB05007-MXXS3103K6M	ITEM NO. FBB05007	 Leader Of Industry	
		X.±.012(0.30)	X'±5°	CHECKED BY CHERRY	DATE 21/DEC/18	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X'±2°	DRAWN BY KATE	DATE 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			
		X.XX±.006(0.15)	X'X'±1°						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	X'XX'±0.5°			REV 2			SHEET NO. 1/1