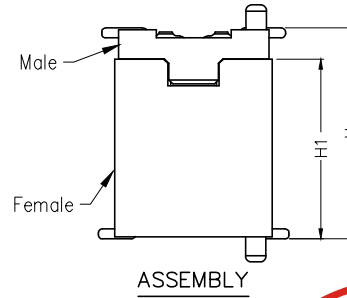
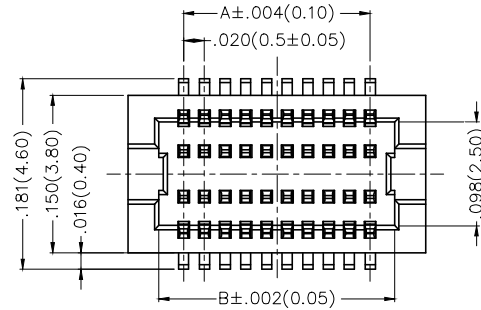
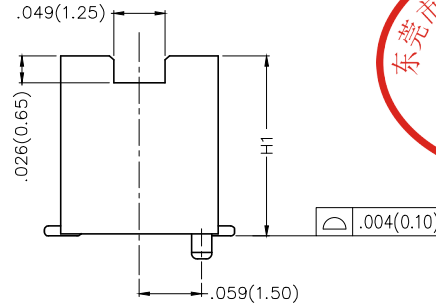


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



ASSEMBLY



SPECIFICATIONS

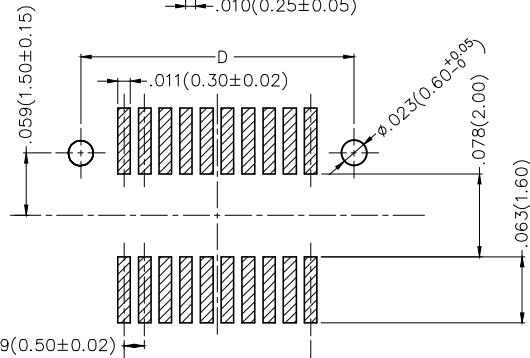
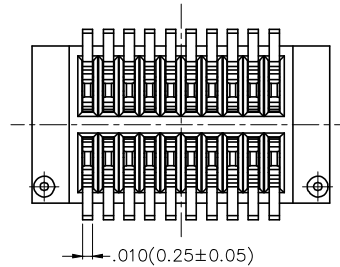
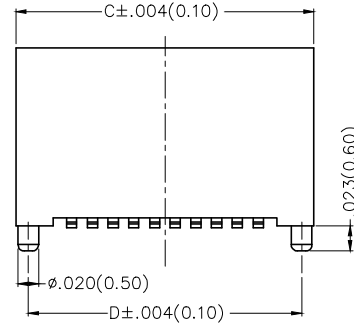
Electrical

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°C~+85°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)



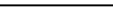
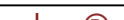
Recommended P.C.Board Layout
General Tolerances: ±.002(0.05)

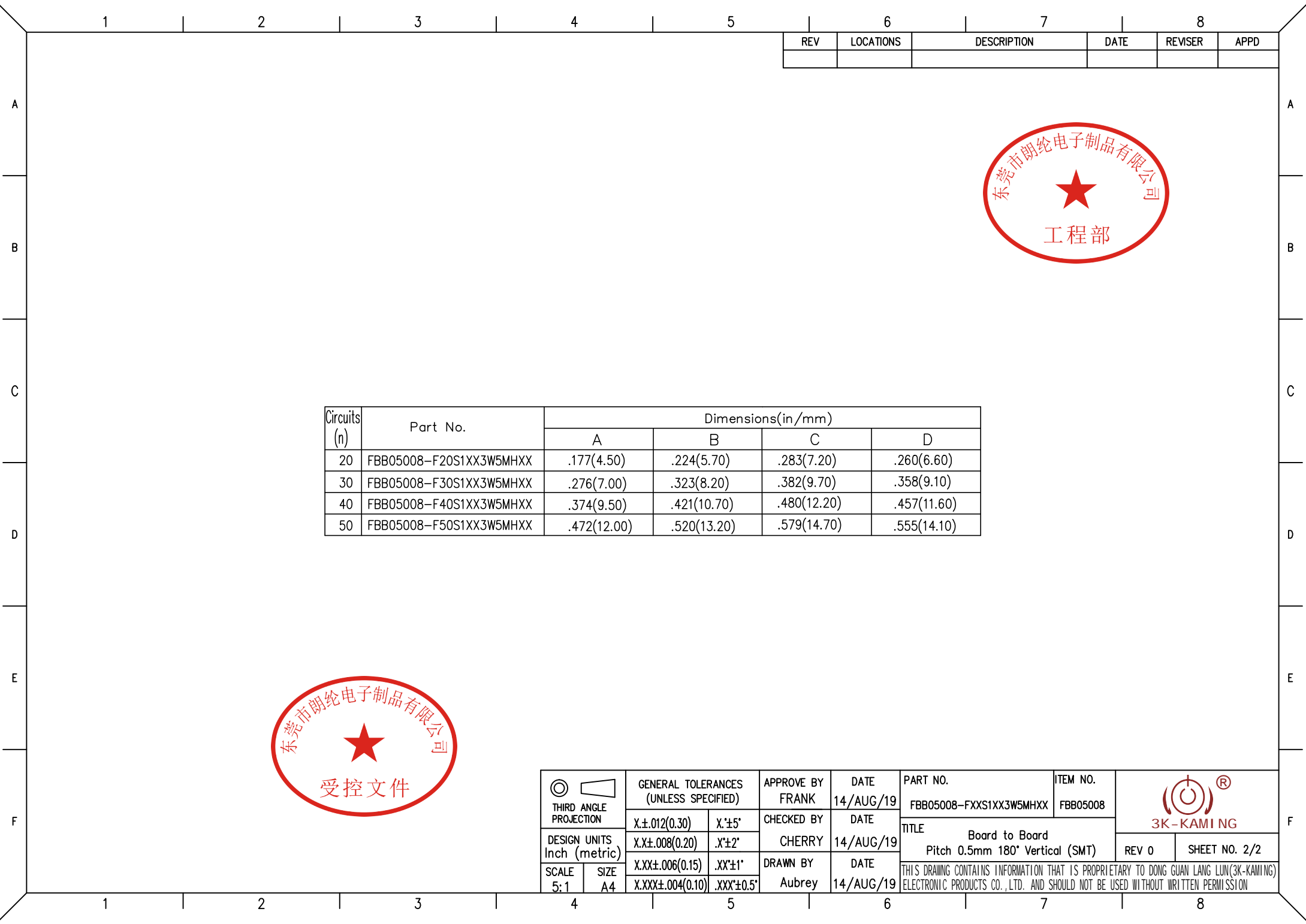


Ordering Information

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

1 Category FBB—Board to Board	2 Series Number 050—Pitch0.50mm	3 Distinction No. 08	4 Type F—Female	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 H24—H1=2.35mm H44—H1=4.35mm

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/AUG/19	PART NO. FBB05008—FXXS1XX3W5MHXX	ITEM NO. FBB05008	 3K-KAMING			
		X.±.012(0.30)	X.°±5°	CHECKED BY	DATE						
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.°±2°	CHERRY	14/AUG/19	TITLE 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						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX°±0.5°	Aubrey	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	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
20	FBB05008-F20S1XX3W5MHXX	.177(4.50)	.224(5.70)	.283(7.20)	.260(6.60)
30	FBB05008-F30S1XX3W5MHXX	.276(7.00)	.323(8.20)	.382(9.70)	.358(9.10)
40	FBB05008-F40S1XX3W5MHXX	.374(9.50)	.421(10.70)	.480(12.20)	.457(11.60)
50	FBB05008-F50S1XX3W5MHXX	.472(12.00)	.520(13.20)	.579(14.70)	.555(14.10)



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/AUG/19	PART NO. FBB05008-FXXS1XX3W5MHXX	ITEM NO. FBB05008	 3K-KAMING®	
				CHECKED BY CHERRY	DATE 14/AUG/19	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)			
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X'±5°	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
		X.X±.008(0.20)	X'±2°						
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.X'±1°						
		X.XXX±.004(0.10)	X.XX'±0.5°						