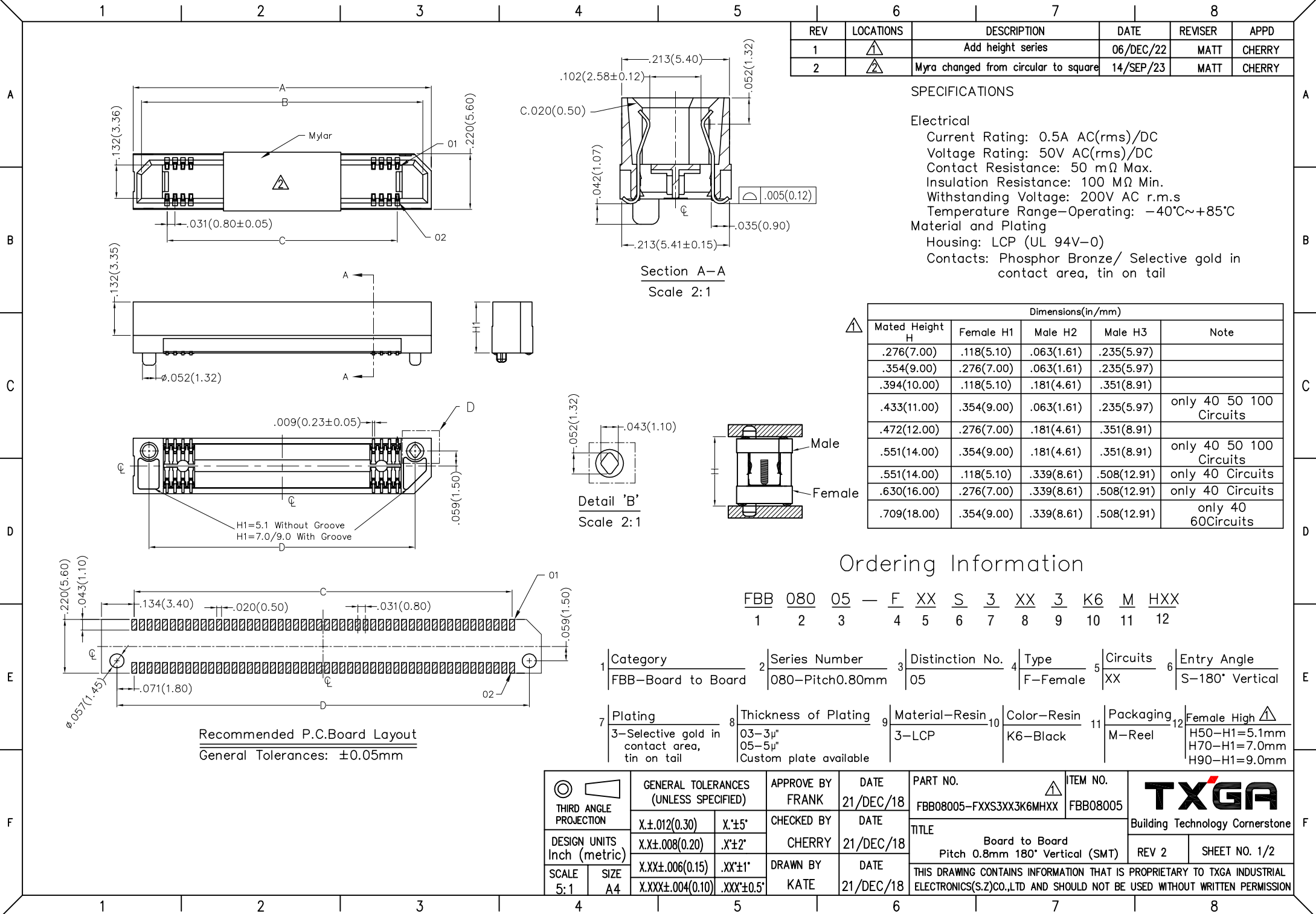




REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Add height series	06/DEC/22	MATT	CHERRY
2		Myra changed from circular to square	14/SEP/23	MATT	CHERRY

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: -40°C~+85°C
Material and Plating
Housing: LCP (UL 94V-0)
Contacts: Phosphor Bronze/ Selective gold in contact area, tin on tail

Dimensions(in/mm)				
Mated Height H	Female H1	Male H2	Male H3	Note
.276(7.00)	.118(5.10)	.063(1.61)	.235(5.97)	
.354(9.00)	.276(7.00)	.063(1.61)	.235(5.97)	
.394(10.00)	.118(5.10)	.181(4.61)	.351(8.91)	
.433(11.00)	.354(9.00)	.063(1.61)	.235(5.97)	only 40 50 100 Circuits
.472(12.00)	.276(7.00)	.181(4.61)	.351(8.91)	
.551(14.00)	.354(9.00)	.181(4.61)	.351(8.91)	only 40 50 100 Circuits
.551(14.00)	.118(5.10)	.339(8.61)	.508(12.91)	only 40 Circuits
.630(16.00)	.276(7.00)	.339(8.61)	.508(12.91)	only 40 Circuits
.709(18.00)	.354(9.00)	.339(8.61)	.508(12.91)	only 40 60Circuits

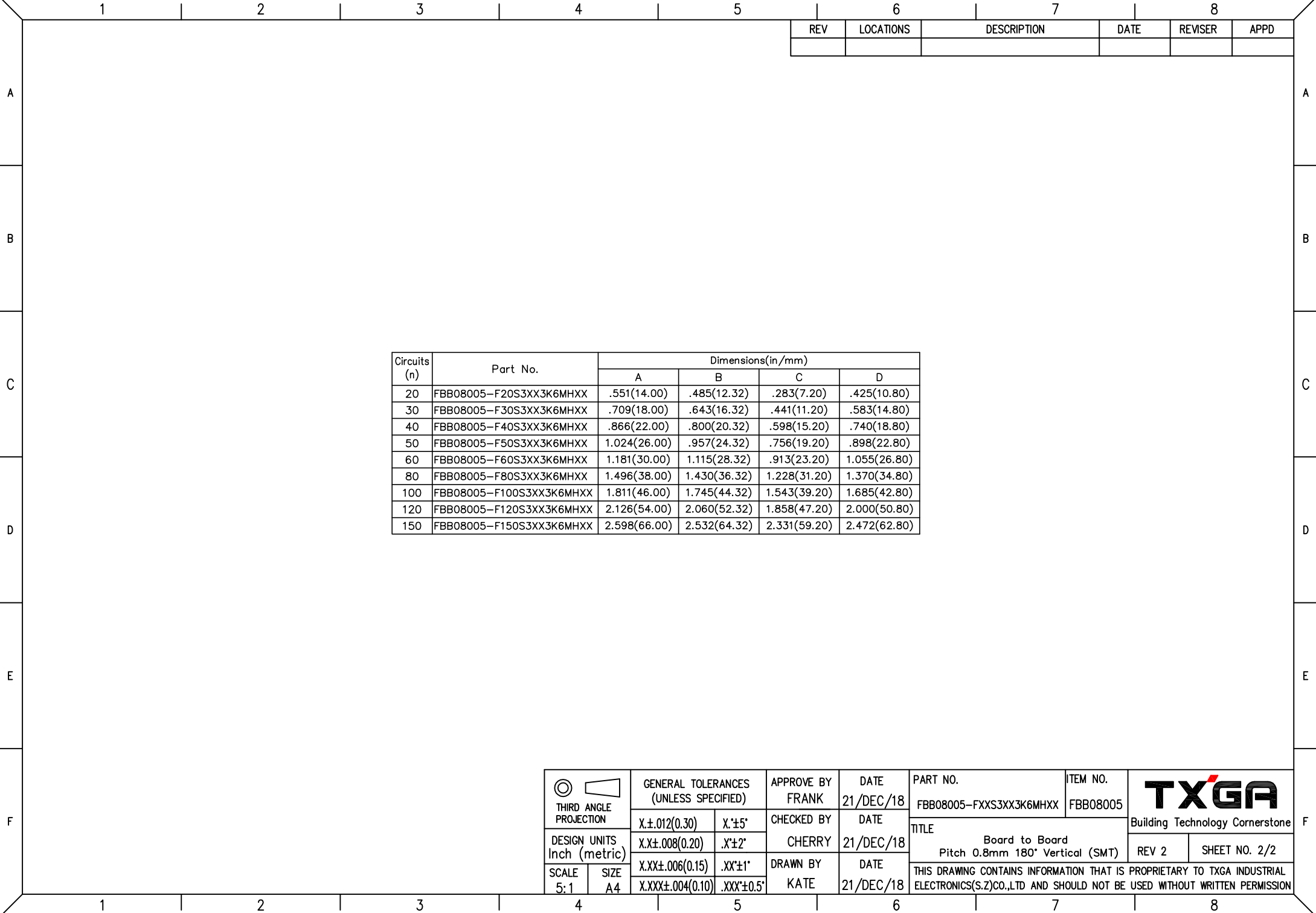
Ordering Information

FBB 080 05 — F XX S 3 XX 3 K6 M HXX
1 2 3 4 5 6 7 8 9 10 11 12

1	Category FBB—Board to Board	2	Series Number 080—Pitch0.80mm	3	Distinction No. 05	4	Type F—Female	5	Circuits XX	6	Entry Angle S—180° Vertical
7	Plating 3—Selective gold in contact area, tin on tail	8	Thickness of Plating 03—3μ" 05—5μ" Custom plate available	9	Material—Resin 3—LCP	10	Color—Resin K6—Black	11	Packaging M—Reel	12	Female High H50—H1=5.1mm H70—H1=7.0mm H90—H1=9.0mm

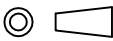
Recommended P.C.Board Layout
General Tolerances: ±0.05mm

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/DEC/18	PART NO. FBB08005-FXXS3XX3K6MHXX	 ITEM NO. FBB08005	 Building Technology Cornerstone	
		X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 21/DEC/18	TITLE Board to Board Pitch 0.8mm 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)	.XX°±1°						
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX°±0.5°			REV 2 SHEET NO. 1/2			



REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in./mm)			
		A	B	C	D
20	FBB08005-F20S3XX3K6MHXX	.551(14.00)	.485(12.32)	.283(7.20)	.425(10.80)
30	FBB08005-F30S3XX3K6MHXX	.709(18.00)	.643(16.32)	.441(11.20)	.583(14.80)
40	FBB08005-F40S3XX3K6MHXX	.866(22.00)	.800(20.32)	.598(15.20)	.740(18.80)
50	FBB08005-F50S3XX3K6MHXX	1.024(26.00)	.957(24.32)	.756(19.20)	.898(22.80)
60	FBB08005-F60S3XX3K6MHXX	1.181(30.00)	1.115(28.32)	.913(23.20)	1.055(26.80)
80	FBB08005-F80S3XX3K6MHXX	1.496(38.00)	1.430(36.32)	1.228(31.20)	1.370(34.80)
100	FBB08005-F100S3XX3K6MHXX	1.811(46.00)	1.745(44.32)	1.543(39.20)	1.685(42.80)
120	FBB08005-F120S3XX3K6MHXX	2.126(54.00)	2.060(52.32)	1.858(47.20)	2.000(50.80)
150	FBB08005-F150S3XX3K6MHXX	2.598(66.00)	2.532(64.32)	2.331(59.20)	2.472(62.80)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/DEC/18	PART NO. FBB08005-FXXS3XX3K6MHXX	ITEM NO. FBB08005	 Building Technology Cornerstone	
		X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 21/DEC/18	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2"					REV 2	SHEET NO. 2/2
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1°	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.XXX±.004(0.10)	.XXX'±0.5°						