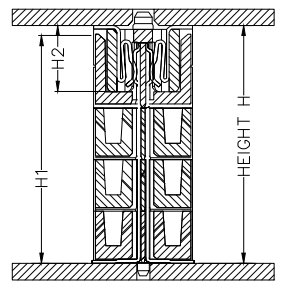


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size change	18/AUG/20	KATE	CHERRY
2	△	1.Number upgrade/2.Add height series/3.Add packaging drawings	21/MAY/25	NICK	LEO

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)
 Contacts: Phosphor Bronze/ Selective gold in contact area, tin on tail



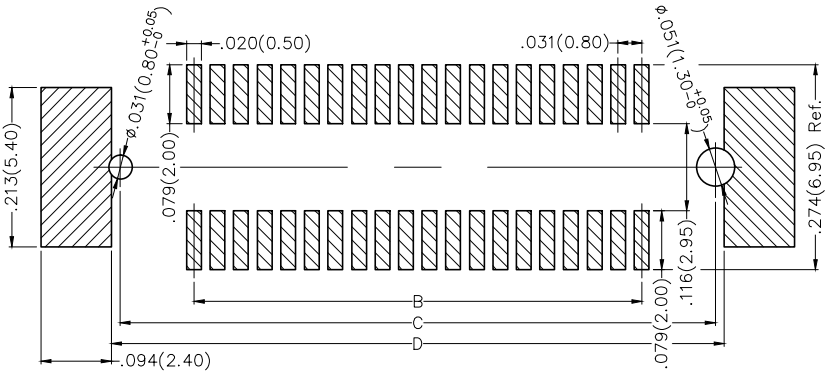
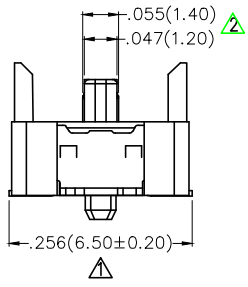
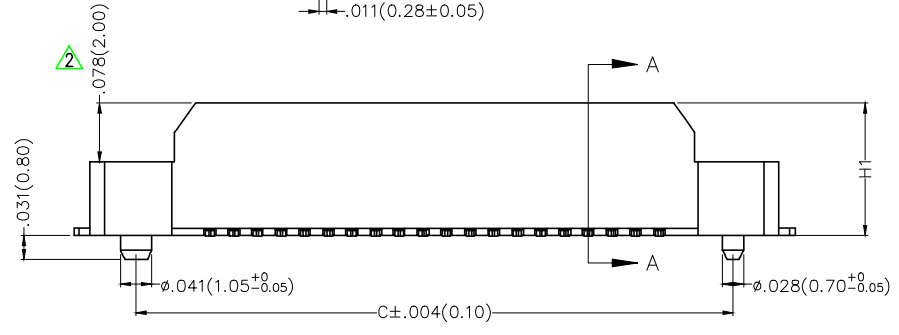
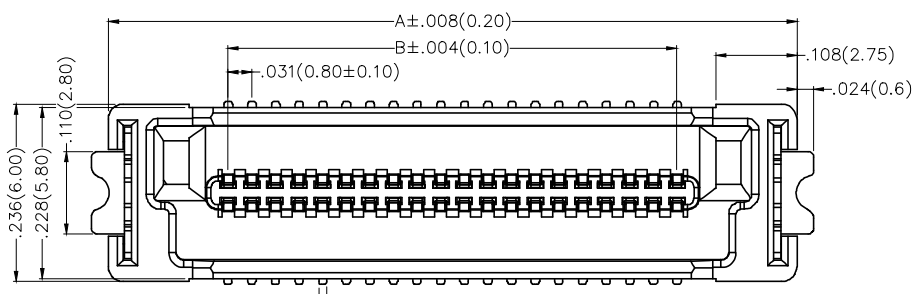
Dimensions(in/mm)		
Height H	Male H1	Female H2
.197(5.0)	.177(4.50)	.157(4.00)
.315(8.0)	.295(7.50)	.157(4.00)
.394(10.0)	.177(4.50)	.354(9.00)
.511(13.0)	.295(7.50)	.354(9.00)
.591(15.0)	.374(9.50)	.354(9.00)

Ordering Information

FBB 080 08 — M XX S 3 XX 3 K6 M XXX
 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. 08	4 Type M-Male	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 3-Selective gold in contact area, tin on tail	8 Thickness of Plating 00-Gold flash 03-3μ" Custom plate available	9 Material-Resin 3-LCP	10 Color-Resin K6-Black	11 Packaging M-Reel	12 Male height H45-H1=4.5mm H75-H1=7.5mm

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/AUG/19	PART NO. FBB08008-MXXS3XX3K6MHXX	ITEM NO. FBB08008	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.X±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X'±5' .X'±2' .XX'±1' .XXX'±0.5'	CHECKED BY CHERRY	DATE 21/AUG/19	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4	DRAWN BY KATE		DATE 21/AUG/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



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

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

B

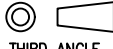

C

D

E

F

Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
20	FBB08008-M20S3XX3K6MHXX	.602(15.30)	.283(7.20)	.480(12.20)	.503(12.80)
30	FBB08008-M30S3XX3K6MHXX	.760(19.30)	.441(11.20)	.638(16.20)	.661(16.80)
40	FBB08008-M40S3XX3K6MHXX	.917(23.30)	.598(15.20)	.795(20.20)	.819(20.80)
50	FBB08008-M50S3XX3K6MHXX	1.075(27.30)	.756(19.20)	.953(24.20)	.976(24.80)
60	FBB08008-M60S3XX3K6MHXX	1.232(31.30)	.913(23.20)	1.110(28.20)	1.134(28.80)
70	FBB08008-M70S3XX3K6MHXX	1.390(35.30)	1.071(27.20)	1.268(32.20)	1.291(32.80)
80	FBB08008-M80S3XX3K6MHXX	1.547(39.30)	1.228(31.20)	1.425(36.20)	1.449(36.80)
100	FBB08008-M100S3XX3K6MHXX	1.862(47.30)	1.543(39.20)	1.740(44.20)	1.764(44.80)

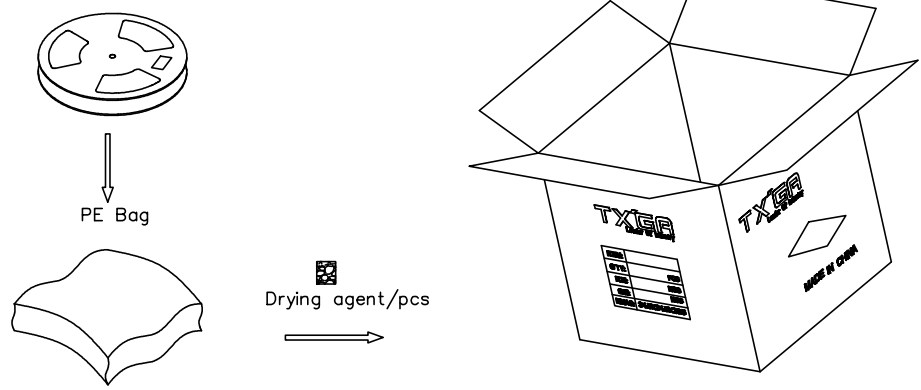
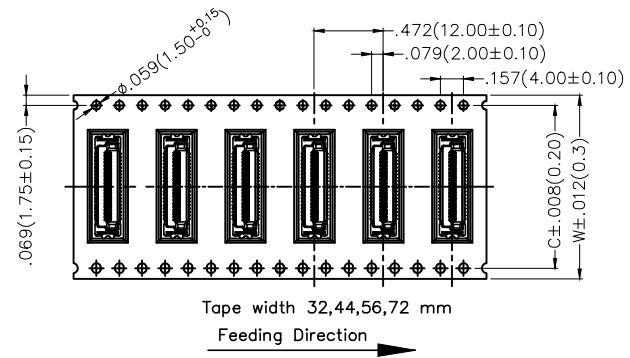
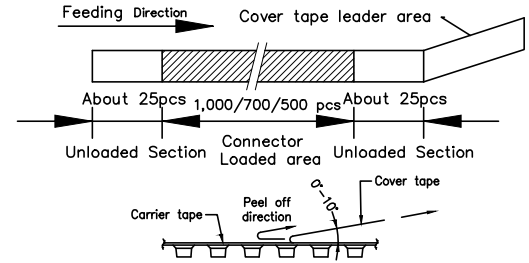
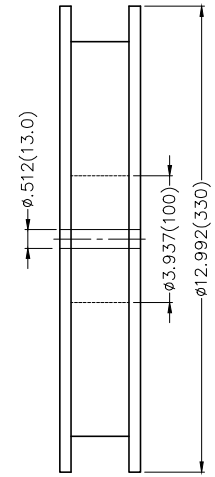
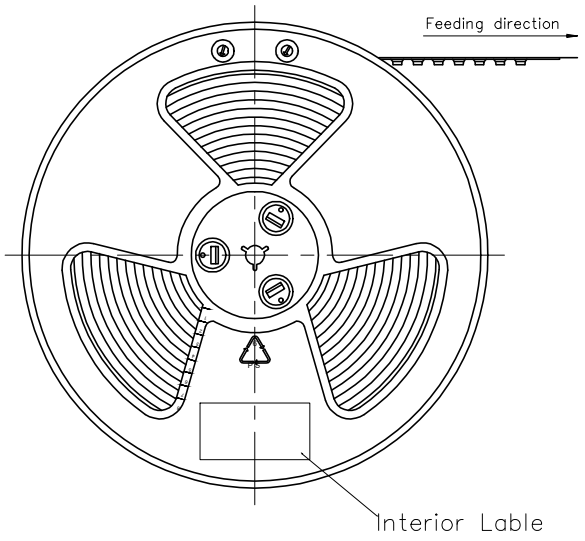
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/AUG/19	PART NO. FBB08008-MXXS3XX3K6MHXX	ITEM NO. FBB08008	 Leader Of Industry	
	DESIGN UNITS Inch (metric)	X.±.012(0.30) X.X±.008(0.20) X.XX±.006(0.15) X.XXX±.004(0.10)	X.±5° .X'±2° .XX'±1° .XXX'±0.5°	CHECKED BY CHERRY	DATE 21/AUG/19	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)		
SCALE 5:1	SIZE A4	DRAWN BY KATE		DATE 21/AUG/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		REV 2	SHEET NO. 2/3

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

- Note:
- 10 sprocket hole cumulative tolerance ± 0.2
 - Carrier camber is within 1.0mm in 100mm
 - Material: Black Conductive polystyrene Alloy 100% recyclable
 - All dimensions meet EIA-481-B requirements
 - Component load per 13" reel: See table

Circuits (n)	Dimensions(in/mm)		pcs/Reel	pcs/Reel	pcs/Reel
	W	C	H1=4.5	H1=7.5	H1=9.5
20-30	1.260(32.0)	1.118(28.4)	1000PCS	700PCS	500PCS
40-50	1.732(44.0)	1.591(40.4)	1000PCS	700PCS	500PCS
60-80	2.205(56.0)	2.062(52.4)	1000PCS	700PCS	500PCS
100	2.834(72.0)	2.692(68.4)	1000PCS	700PCS	500PCS



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 21/AUG/19	PART NO. FBB08008-MXXS3XX3K6MHXX	ITEM NO. FBB08008	 Building Technology Cornerstone	
	X. \pm .012(0.30)	X. \pm 5'	CHECKED BY CHERRY	DATE 21/AUG/19	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)			REV 2
	DESIGN UNITS Inch (metric)	X.X \pm .008(0.20)	.X \pm 2'	DRAWN BY KATE	DATE 21/AUG/19	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 3/3
	SCALE 5:1	SIZE A4	X.XX \pm .006(0.15)					