

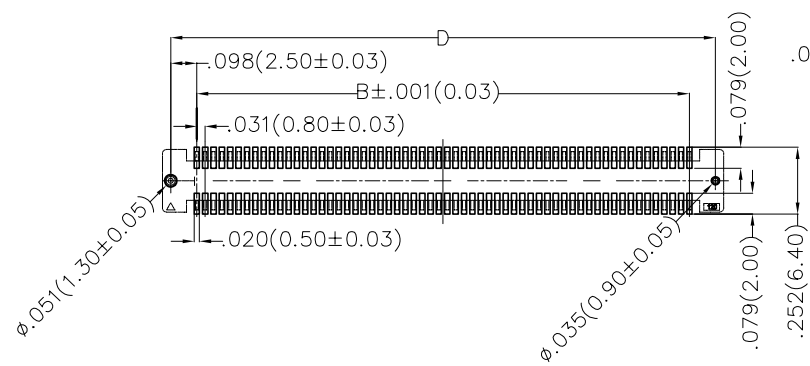
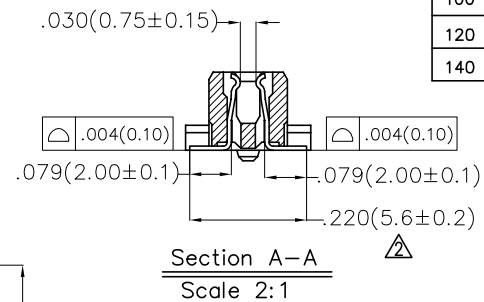
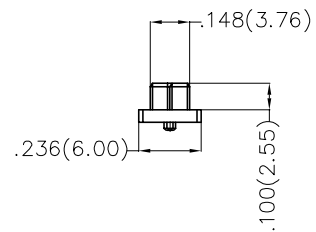
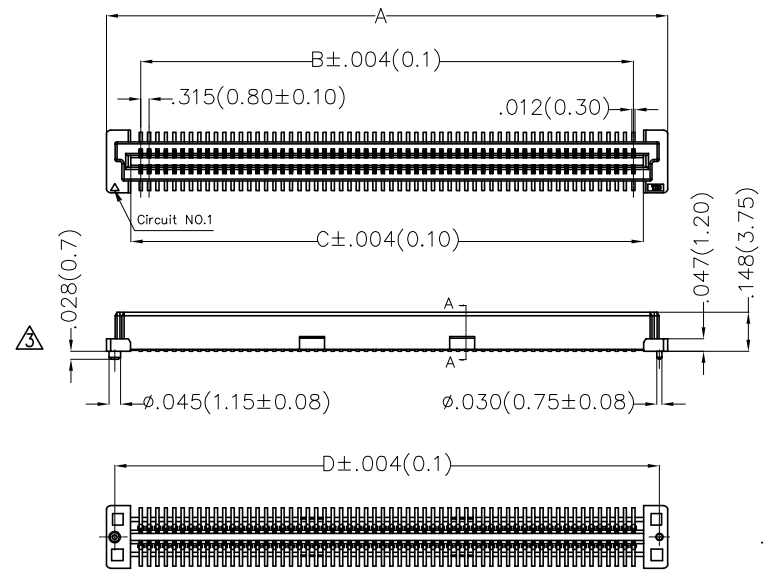
A
B
C
D
E
F

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Add packaging specifications	28/DCE/20	KATE	CHERRY
2		Change .224(5.70±0.1) into .220(5.6±0.2)	27/OCT/21	KATE	CHERRY
3		Dimensions Change	15/JUL/22	MATT	CHERRY

Electrical
Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 50 mΩ Max.
Insulation Resistance: 500 MΩ Min.
Withstanding Voltage: 200V AC r.m.s
Temperature Range—Operating: -35°C~+85°C
Material and Plating
Housing: LCP (UL94V-0)
Contacts Pin: Phosphor Bronze
Plating: Gold plated

Circuits (n)	Part No.	Dimensions(in/mm)			
		A	B	C	D
40	FBB08006-F40S1XX3W5M	.858(21.80)	.598(15.20)	.693(17.60)	.795(20.20)
50	FBB08006-F50S1XX3W5M	1.016(25.80)	.756(19.20)	.850(21.60)	.953(24.20)
60	FBB08006-F60S1XX3W5M	1.173(29.80)	.913(23.20)	1.008(25.60)	1.110(28.20)
80	FBB08006-F80S1XX3W5M	1.488(37.80)	1.228(31.20)	1.323(33.60)	1.425(36.20)
100	FBB08006-F100S1XX3W5M	1.803(45.80)	1.543(39.20)	1.638(41.60)	1.470(44.20)
120	FBB08006-F120S1XX3W5M	2.118(53.80)	1.858(47.20)	1.953(49.60)	2.055(52.20)
140	FBB08006-F140S1XX3W5M	2.433(61.80)	2.173(55.20)	2.268(57.60)	2.370(60.20)



Recommended P.C.B Layout(Top Side)
PCB Board Tolerance: ±.002(0.05)

Ordering Information

FBB 080 06 — F XX S 1 XX 3 W5 M
1 2 3 4 5 6 7 8 9 10 11

1	Category FBB—Board To Board	2	Series Number 080—Pitch0.8mm	3	Distinction No. 06	4	Type F—Female	5	Circuits XX	6	Entry Angle S—180° Vertical
7	Plating 1—Gold plated	8	Thickness of Plating 01—1μ" 05—5μ" Custom plate available	9	Material—Resin 3—LCP	10	Color—Resin W5—Natural	11	Packaging M—Reel		

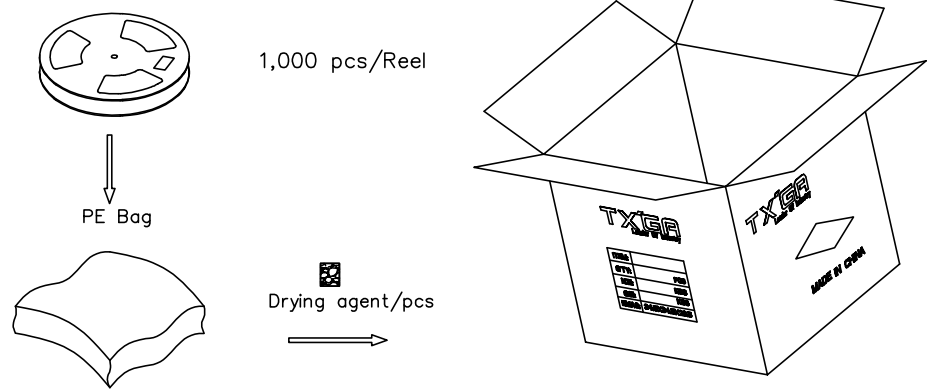
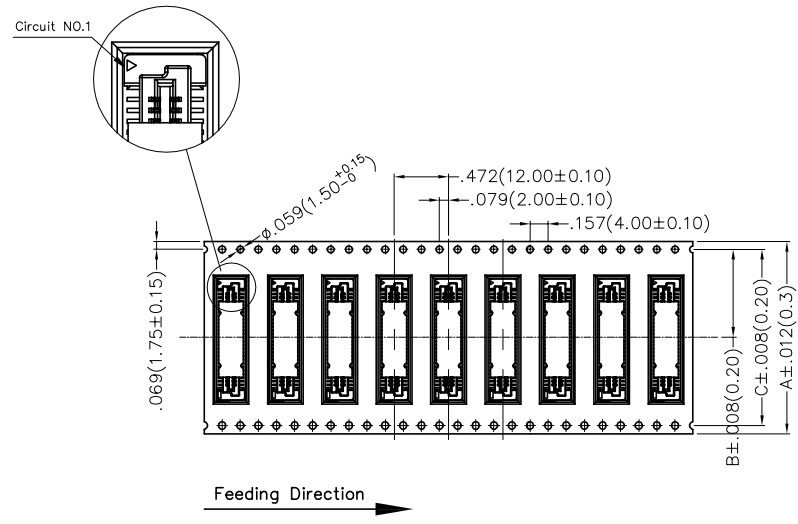
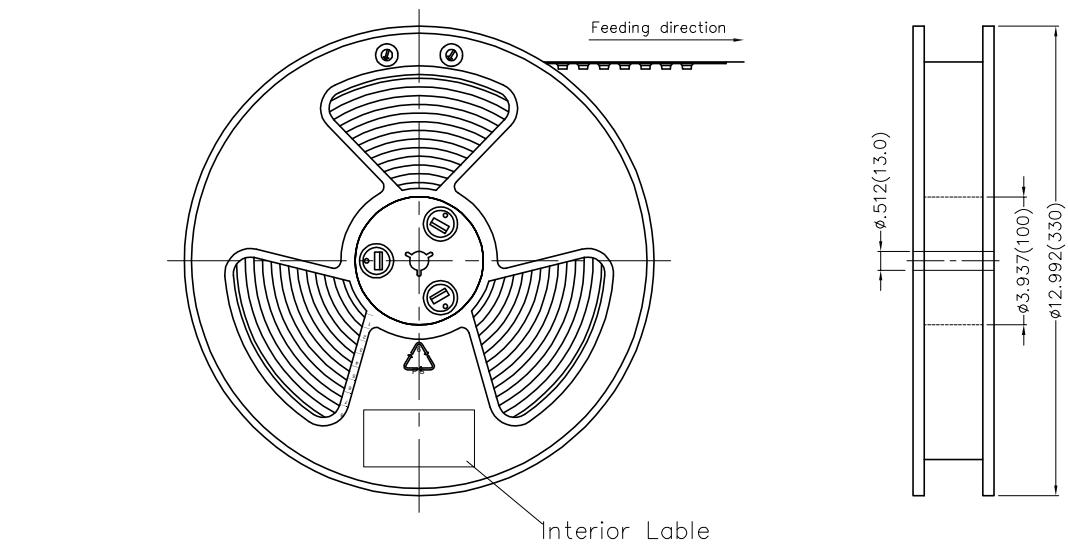
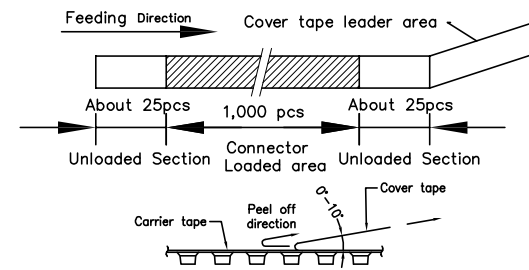
 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/AUG/19	PART NO. FBB08006-FXXS1XX3W5M	ITEM NO. FBB08006	 Leader Of Industry	
DESIGN UNITS Inch (metric)				X.±.012(0.30)	X.±5°	CHECKED BY	DATE		
		X.X±.008(0.20)	.X'±2°	CHERRY	14/AUG/19	Board to Board Pitch 0.8mm 180° Vertical (SMT)	REV 3	SHEET NO. 1/2	
		X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX'±0.5°	ZOEY	14/AUG/19				
4		5		6		7		8	

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-D requirements
 - Component load per 13" reel: 1,000 pcs

Circuits (n)	Dimensions(in/mm)		
	A	B	C
40~60	1.732(44.0)	.797(20.25)	1.594(40.50)
80	2.205(56.0)	1.033(26.25)	2.067(52.50)
100~140	2.835(72.0)	1.348(34.25)	2.697(68.50)



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/AUG/19	PART NO. FBB08006-FXXS1XX3W5M		ITEM NO. FBB08006		 Leader Of Industry	
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 0.8mm 180° Vertical (SMT)				REV 3	SHEET NO. 2/2
		X.X±.008(0.20)	.X'±2"	CHERRY	14/AUG/19						
		SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX'±1"	DRAWN BY	DATE	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°			ZOEY	14/AUG/19						
4		5		6		7		8			