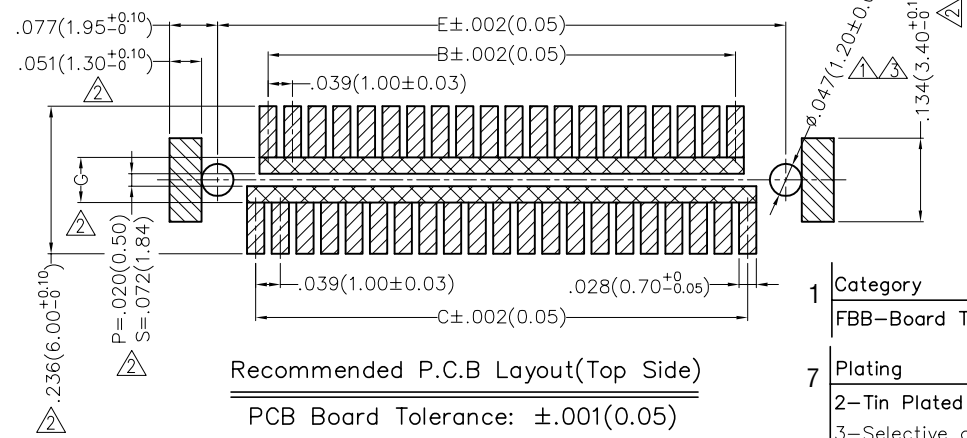
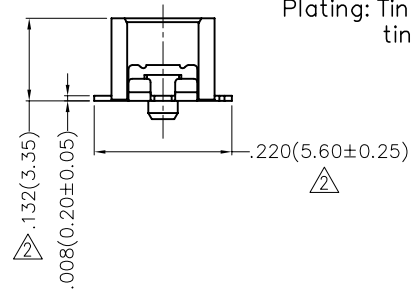
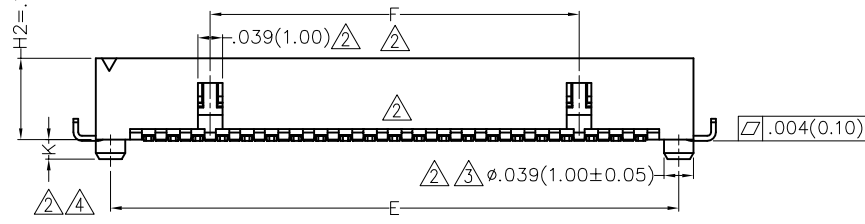
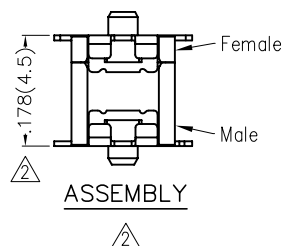
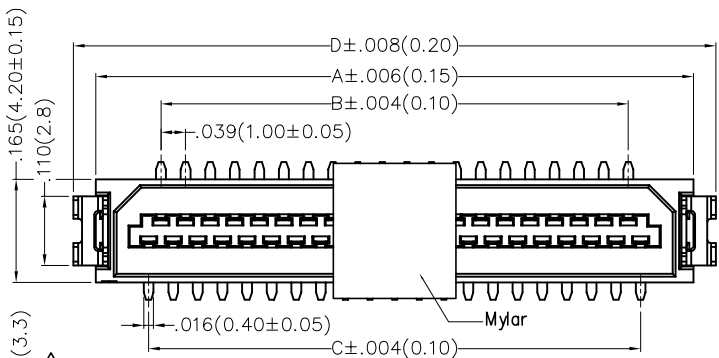




REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	1	Change PCB opening size	2020/01/16	ZOEY	CHERRY
2	2	Change the structure and size	31/AUG/20	KATE	CHERRY
3	3	Change size	12/MAY/22	MATT	CHERRY
4	4	Positioning column size change	22/NOV/24	MATT	LEO
5	5	Part Number Upgrade	25/NOV/25	MATT	LEO

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: 250V AC r.m.s
Temperature Range—Operating: -45°C~+125°C
Material and Plating
Housing: LCP (UL94V-0)
Contact Pin: Phosphor Bronze
Plating: Tin Plated/Selective gold on contact area, tin on tail

Ordering Information

FBB 100 03 — M XX S X XX 3 W5 M HXX

1 Category FBB—Board To Board	2 Series Number 100—Pitch 1.0mm	3 Distinction No. 03	4 Type M—Male	5 Circuits XX	6 Entry Angle S—180° Vertical
7 Plating 2—Tin Plated 3—Selective gold in contact area, tin on tail	8 Thickness of Plating 01—1μ" 05—5μ" 10—80μ" Custom plate available	9 Material—Resin 3—LCP	10 Color—Resin W5—Natural	11 Packaging M—Reel	12 Male height H33—H2=3.30mm

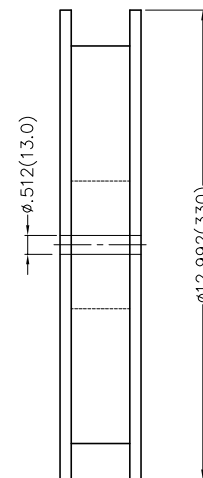
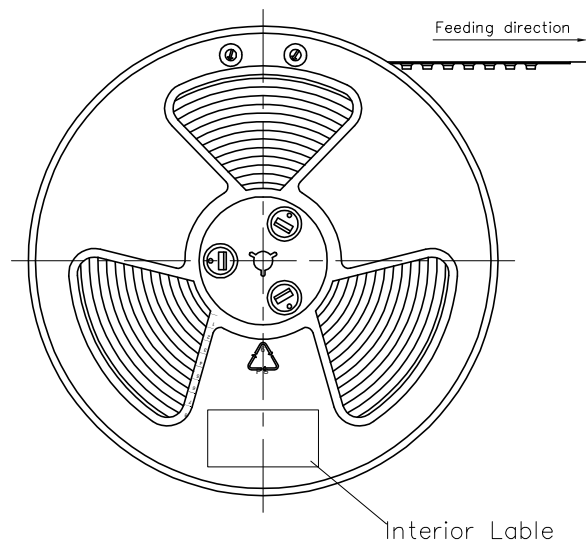
Note 1: If the pattern is included in the shaded area and not treated with resist, it could touch the connector contact.

Note 2: Please refer to each product size pattern for the universal size on the above patterns (A, B, C, D...).

		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone
THIRD ANGLE PROJECTION				FRANK	14/AUG/19	FBB10003-MXXSXXX3W5MHXX	FBB10003	
DESIGN UNITS Inch (metric)		X±.012(0.30)	X".±5"	CHECKED BY	DATE	TITLE Board to Board Pitch 1.0mm 180° Vertical (SMT)		
		X.X±.008(0.20)	.X".±2"	CHERRY	14/AUG/19			
		SCALE	SIZE	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
5:1	A4	X.XXX±.004(0.10)	.XXX".±0.5"	ZOEY	14/AUG/19			
4		5		6		7		8

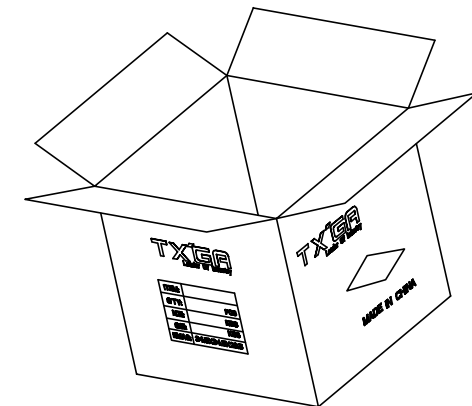
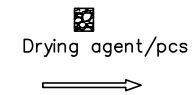
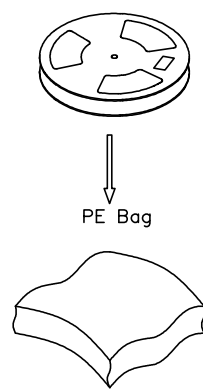
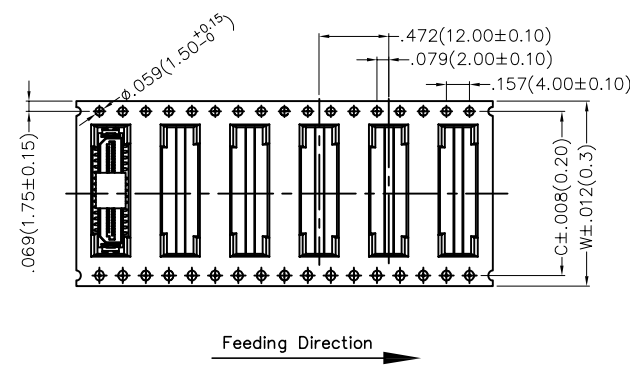
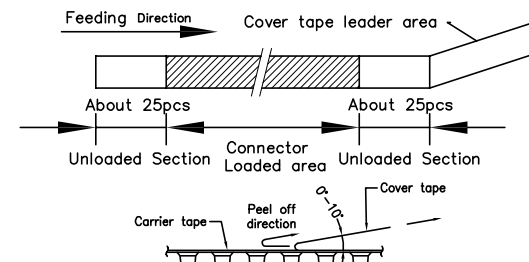
6		7		8	
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 14/AUG/19	PART NO. FBB10003-MXXSXXX3W5MHXX	ITEM NO. FBB10003	 Building Technology Cornerstone	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	14/AUG/19	Board to Board Pitch 1.0mm 180° Vertical (SMT)		REV 5	SHEET NO. 2/3
		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				



- Note:
- 1. 10 sprocket hole cumulative tolerance ± 0.2
 - 2. Carrier camber is within 1.0mm in 100mm
 - 3. Material: White Conductive polystyrene Alloy 100% recyclable
 - 4. All dimensions meet EIA-481-B requirements
 - 5. Component load per 13" reel: See table

Circuits (n)	Dimensions(in/mm)		pcs/Reel H2=3.30mm
	W	C	
21,31	1.260(32.0)	1.118(28.4)	1000PCS
41,51	1.732(44.0)	1.591(40.4)	1000PCS



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone			
				FRANK	14/AUG/19	FBB10003-MXXSXXX3W5MHXX	FBB10003				
DESIGN UNITS Inch (metric)		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 1.0mm 180° Vertical (SMT)		REV 5		SHEET NO. 3/3	
		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				