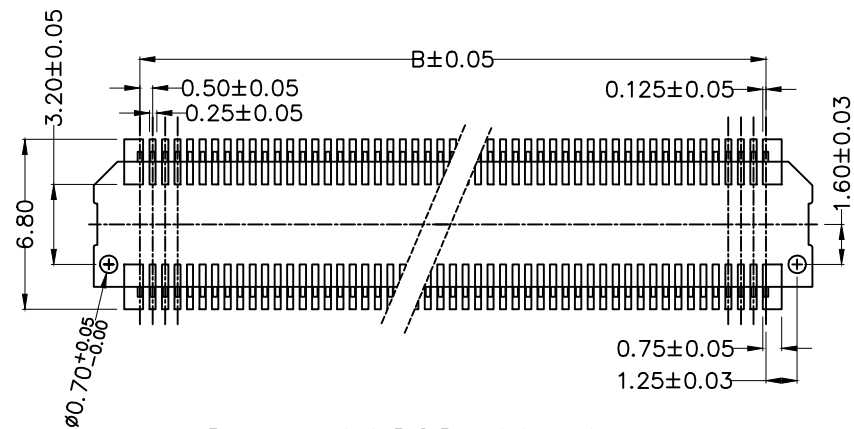
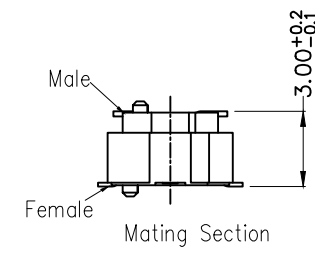
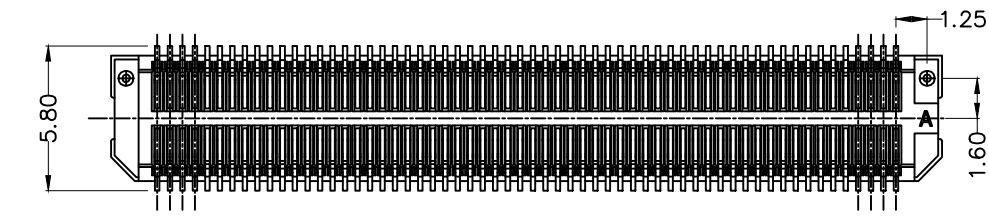
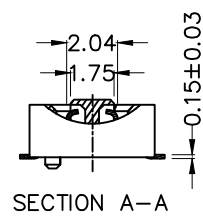
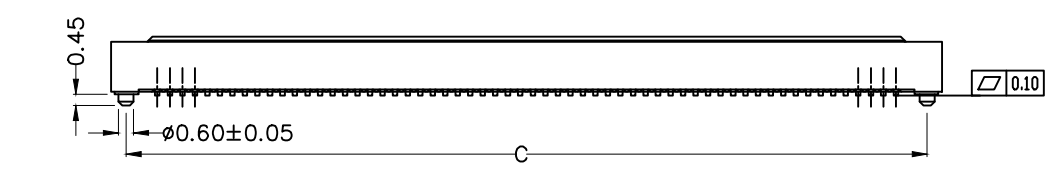
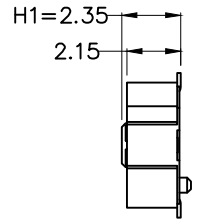
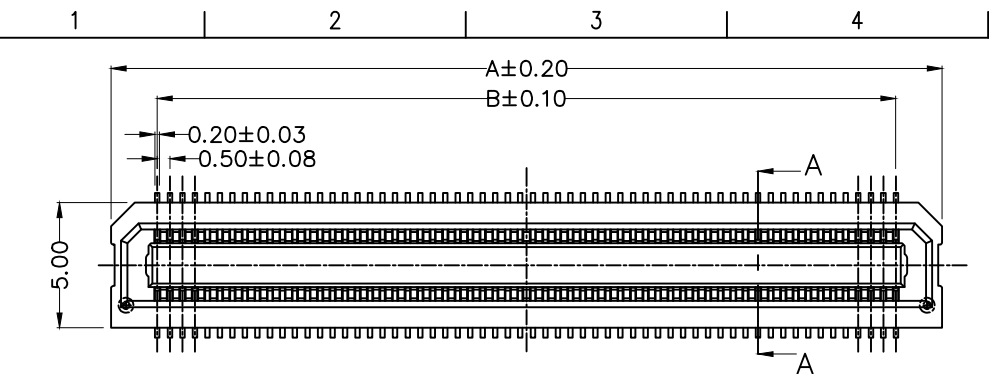


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical
 Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 60V AC(rms)/DC
 Contact Resistance: 80 mΩ Max
 Insulation Resistance: 500 MΩ Min
 Withstanding Voltage: 150V AC r.m.s
 Operating Temperature: -55°C~+125°C
 Material and plating
 Housing:LCP (UL 94V-0)
 Contacts:Copper Alloy/Gold plated



Recommended P.C.Board Layout
 General tolerances:±0.05

Ordering Information

FBB 050 17 F XX S 1 XX 3 NA 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. 17	4	Type F-Female	5	Circuits XX	6	Entry Angle S-180°Vertical
7	Plating 1-Gold plated	8	thickness of Gold Plating 01-1u"	9	Material-Resin 3-LCP	10	Color-Resin NA-Natural	11	Packaging M-Reel	12	Female height H23-H1=2.35mm

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/Sept/23	PART NO. FBB05017-FXXS1XX3NAMHXX	ITEM NO. FBB05017	 Building Technology Cornerstone	
	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 19/Sept/23	TITLE Board to Board Pitch 0.5mm 180°Vertical (SMT)			REV 0
DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X* ±2°	DRAWN BY Hejianpeng	DATE 19/Sept/23	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. 1/3
SCALE 5:1	SIZE A4	X.XX ±0.15						
		X.XXX ±0.10						

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		
		A	B	C
20	FBB05017-F20S1XX3NAMHXX	8.20	4.50	7.00
30	FBB05017-F30S1XX3NAMHXX	10.70	7.00	9.50
40	FBB05017-F40S1XX3NAMHXX	13.20	9.50	12.00
50	FBB05017-F50S1XX3NAMHXX	15.70	12.00	14.50
60	FBB05017-F60S1XX3NAMHXX	18.20	14.50	17.00
80	FBB05017-F80S1XX3NAMHXX	23.20	19.50	22.00
100	FBB05017-F100S1XX3NAMHXX	28.20	24.50	27.00
120	FBB05017-F120S1XX3NAMHXX	33.20	29.50	32.00

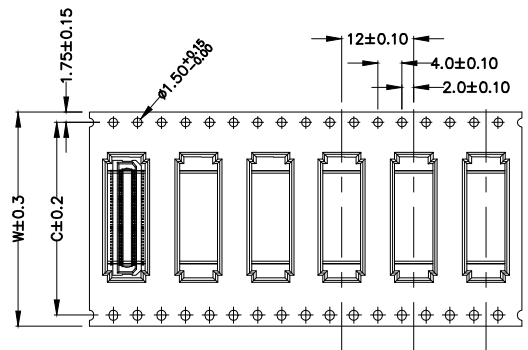
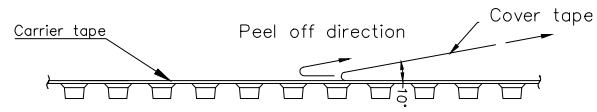
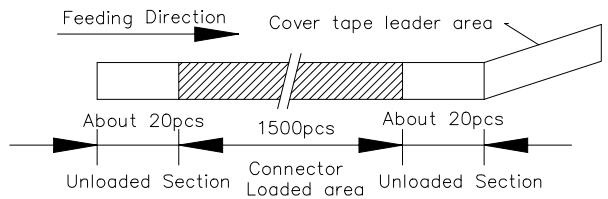
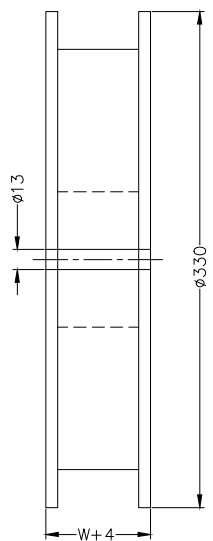
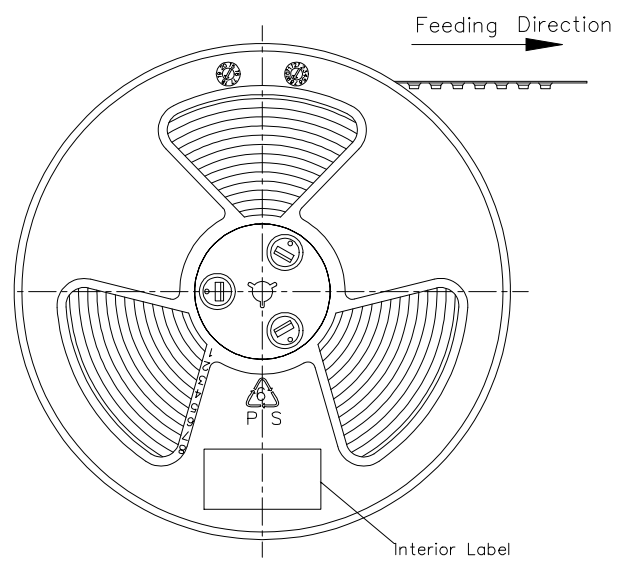
 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/Sept/23	PART NO. FBB05017-FXXS1XX3NAMHXX	ITEM NO. FBB05017	 TXGA Building Technology Cornerstone	
	X. ±0.30 X.* ±5*	CHECKED BY GISELLE	DATE 19/Sept/23	TITLE Board to Board Pitch 0.5mm 180°Vertical (SMT)		REV 0		SHEET NO. 2/3
	X.X ±0.20 X.X* ±2*			DRAWN BY Hejianpeng	DATE 19/Sept/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
DESIGN UNITS METRIC(mm)	X.XX ±0.15 X.XX* ±1*	SCALE 5:1	SIZE A4	X.XXX ±0.10 X.XXX* ±0.5*				

1 2 3 4 5 6 7 8

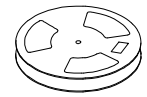
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

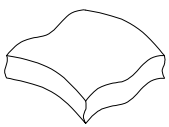
Note:
 1.10 sprocket hole cumulative tolerance±0.2
 2.Carrier camber is within 1.0mm in 250mm
 3.Material: White conductive polystyrene Alloy 100% recyclable
 4.All dimensions meet EIA-481-3 requirements
 5.Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
 6.Component load per 13" reel: See table



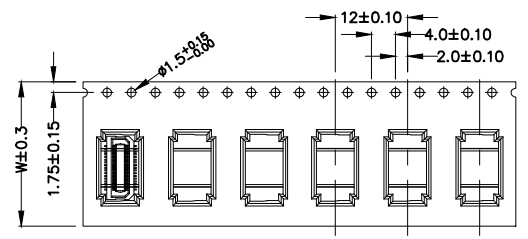
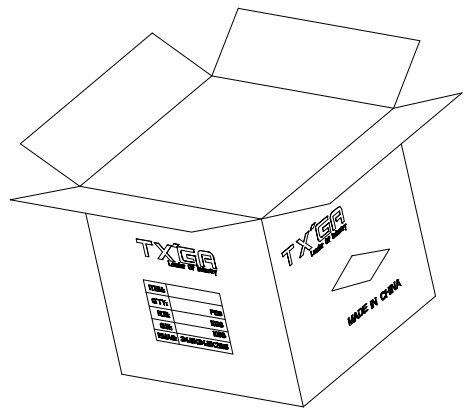
Circuits (n)	Dimensions	
	W	C
20-40	24	
50-80	32	28.4
90-120	44	40.4



PE Bag



Drying agent/pcs



Feeding Direction

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY</p> <p>LEO</p>	<p>DATE</p> <p>19/Sept/23</p>	<p>PART NO.</p> <p>FBB05017-FXXS1XX3NAMHXX</p>	<p>ITEM NO.</p> <p>FBB05017</p>	<p>Building Technology Cornerstone</p>	
	<p>DESIGN UNITS METRIC(mm)</p>	<p>X.X ±0.30</p>	<p>X.* ±5°</p>	<p>CHECKED BY</p> <p>GISELLE</p>	<p>DATE</p> <p>19/Sept/23</p>	<p>TITLE</p> <p>Board to Board Pitch 0.5mm 180°Vertical (SMT)</p>		<p>REV 0</p>
<p>SCALE</p> <p>1:1</p>	<p>SIZE</p> <p>A4</p>	<p>X.XX ±0.15</p>	<p>X.XX' ±1°</p>	<p>DRAWN BY</p> <p>Hejianpeng</p>	<p>DATE</p> <p>19/Sept/23</p>	<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>		

1 2 3 4 5 6 7 8