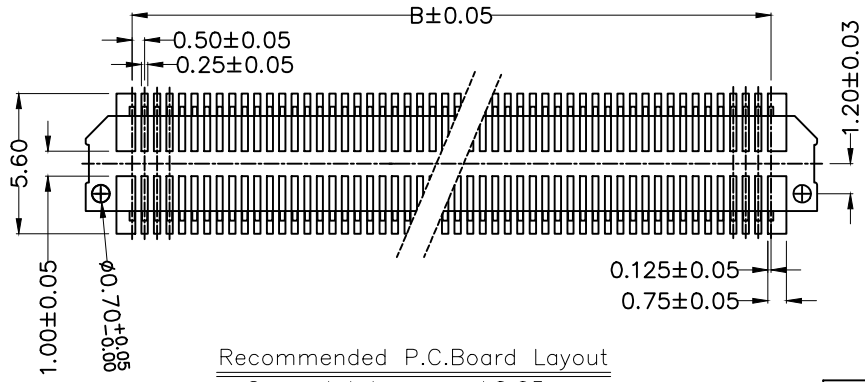
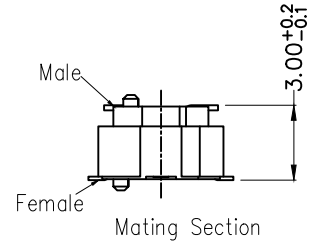
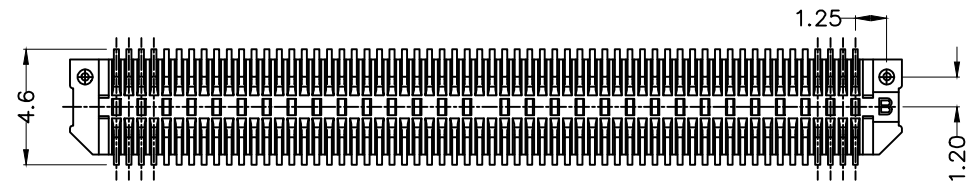
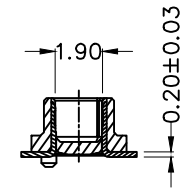
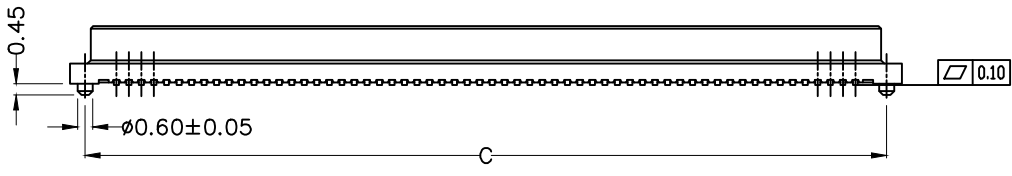
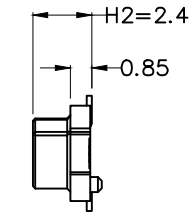
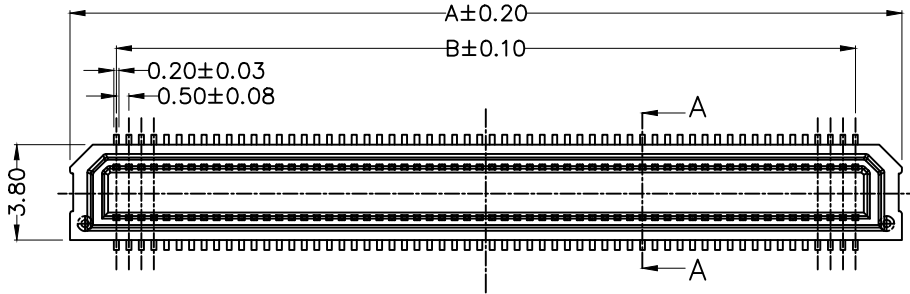


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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 M 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-Pitch 0.50mm	3 Distinction No. 17	4 Type M-Male	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 Male height H24-H2=2.4mm

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/Sept/23	PART NO. FBB05017-MXXS1XX3NAMHXX	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)		
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		
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

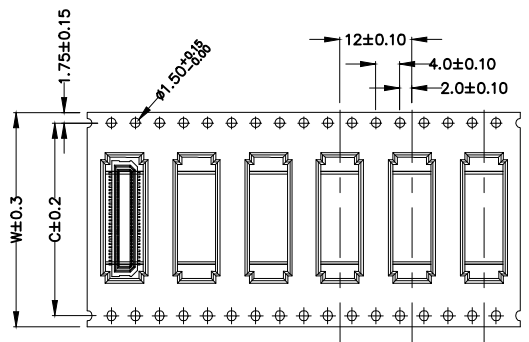
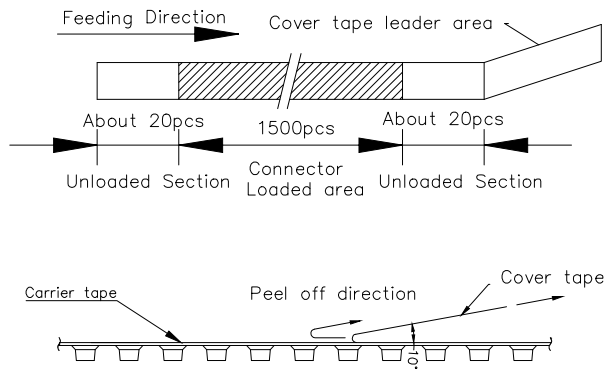
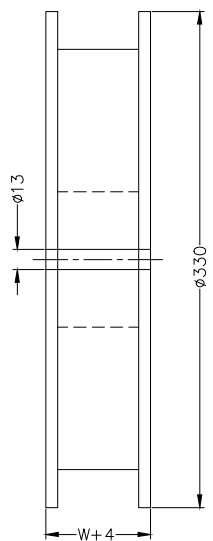
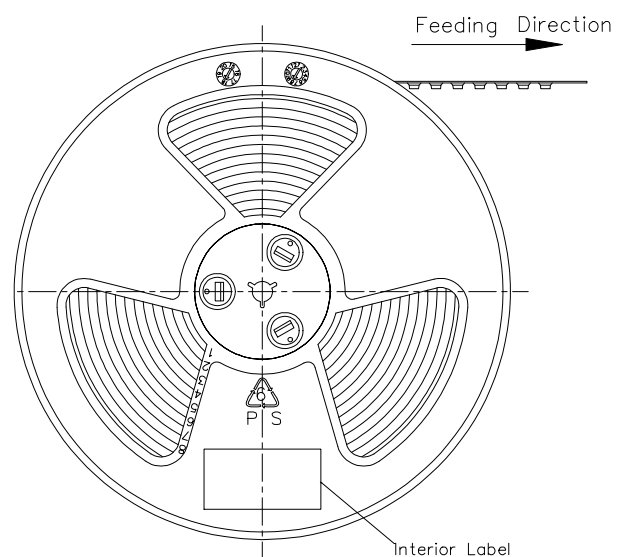
Circuits (n)	Part NO.	Dimensions		
		A	B	C
20	FBB05017-M20S1XX3NAMHXX	8.20	4.50	7.00
30	FBB05017-M30S1XX3NAMHXX	10.70	7.00	9.50
40	FBB05017-M40S1XX3NAMHXX	13.20	9.50	12.00
50	FBB05017-M50S1XX3NAMHXX	15.70	12.00	14.50
60	FBB05017-M60S1XX3NAMHXX	18.20	14.50	17.00
80	FBB05017-M80S1XX3NAMHXX	23.20	19.50	22.00
100	FBB05017-M100S1XX3NAMHXX	28.20	24.50	27.00
120	FBB05017-M120S1XX3NAMHXX	33.20	29.50	32.00

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/Sept/23	PART NO. FBB05017-MXXS1XX3NAMHXX	ITEM NO. FBB05017	 TXGA Building Technology Cornerstone
	DESIGN UNITS METRIC(mm)	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 19/Sept/23	TITLE Board to Board Pitch 0.5mm 180°Vertical (SMT)	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	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	
		X.XXX ±0.10	X.XXX* ±0.5°			REV 0	SHEET NO. 2/3

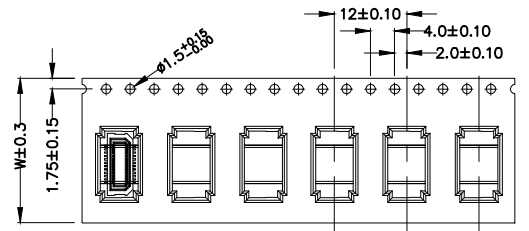
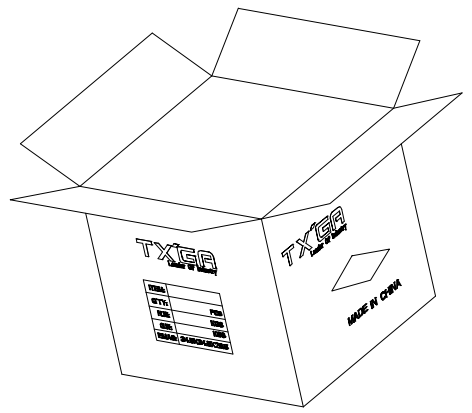
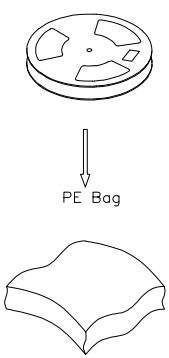
1 2 3 4 5 6 7 8

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	28.4
50-80	32	28.4
90-120	44	40.4



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.' ±5°	LEO	19/Sept/23	FBB05017-MXXS1XX3NAMHXX	FBB05017		
	DESIGN UNITS METRIC(mm)		CHECKED BY	DATE	TITLE		REV 0	SHEET NO. 3/3
	X.X ±0.20	X.X' ±2°	GISELLE	19/Sept/23	Board to Board Pitch 0.5mm 180°Vertical (SMT)			
SCALE 1:1	SIZE A4	X.XX ±0.15	X.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 ±0.10	X.XXX' ±0.5°	Hejianpeng	19/Sept/23			