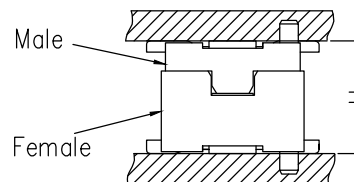
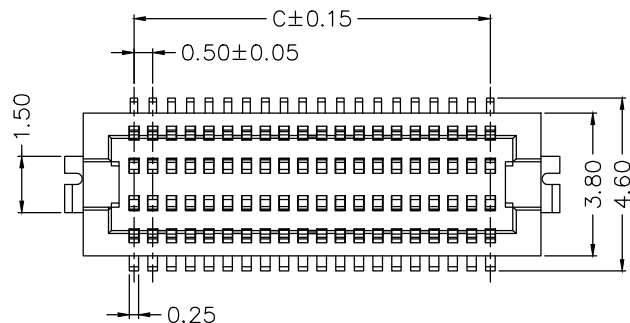
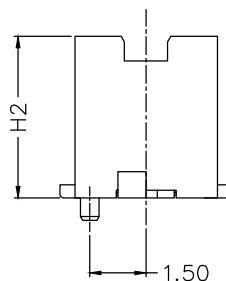
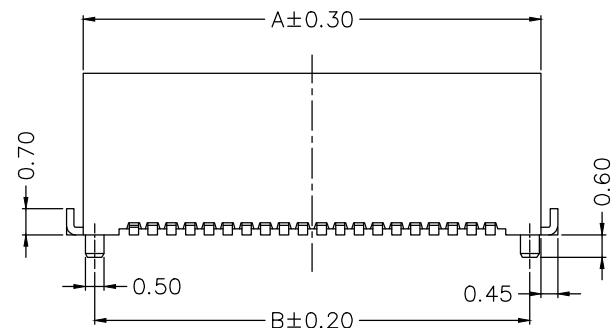


With Peg



Mating Section



SPECIFICATIONS

Electrical

Current Rating: 0.3A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 50 mΩ Max
Insulation Resistance: 500 MΩ Min
Withstanding Voltage: 150V AC r.m.s
Operating Temperature: -55°C~+125°C

Material and plating

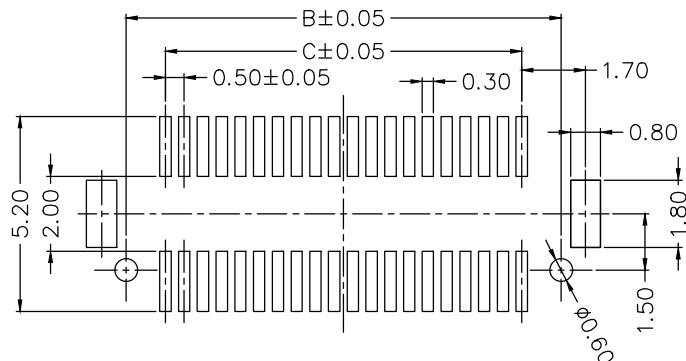
Housing: PA9T (UL 94V-0)
Contacts: Copper Alloy/Gold plated
Hold down: Copper Alloy/Tin plating

Dimensions(mm)		
Height H	Male H1	Female H2
3.00	2.20	2.30
3.50	2.70	2.80
4.00	2.70	3.30
5.00	2.70	4.30

Ordering Information

FBB 050 21 — F XX S 1 XX 5 XX M HXX X
1 2 3 4 5 6 7 8 9 10 11 12 13

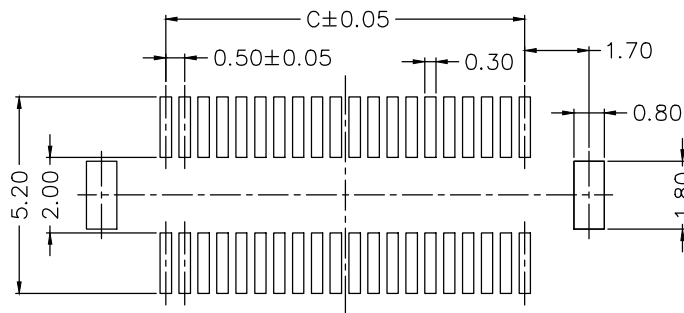
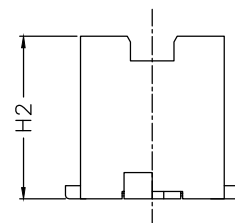
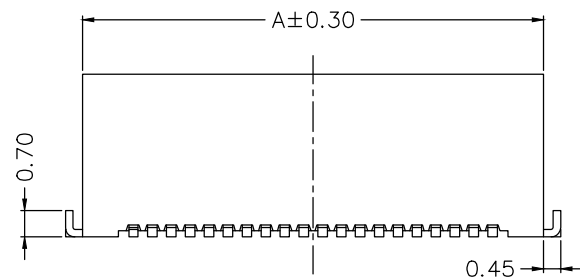
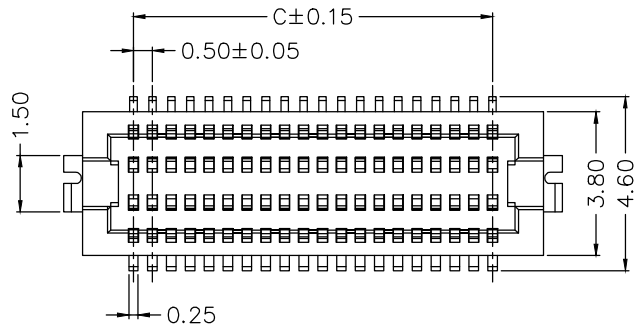
1 Category FBB-Board To Board	2 Series Number 050-Pitch0.50mm	3 Distinction No. 21	4 Type F-Female	5 Circuits xx	6 Entry Angle S-180°Vertical	7 Plating 1-Gold plated
8 thickness of Gold Plating 01-0.025μm	9 Material-Resin 5-PA9T	10 Color-Resin NA-Natural BK-Black	11 Packaging M-Reel	12 Female height H23-H2=2.30mm H28-H2=2.80mm H33-H2=3.30mm H43-H2=4.30mm	13 Peg A-With Peg B-Without Peg	



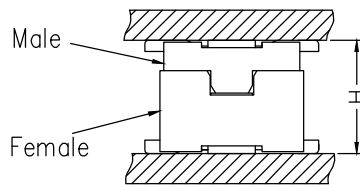
Recommended P.C.Board Layout
General tolerances:±0.05

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Sept/24	PART NO. FBB05021-FXXS1XX5XXMHXXX	ITEM NO. FBB05021	 Building Technology Cornerstone		
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 0.5mm 180°Vertical (SMT)				
DESIGN UNITS METRIC(mm)		X.X ±0.20	X.X* ±2°	GISELLE	26/Sept/24			REV 0		SHEET NO. 1/3
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY HJP	DATE 26/Sept/24	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°							

Without Peg



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



Mating Section

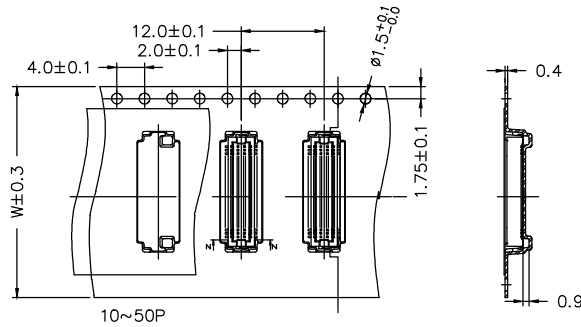
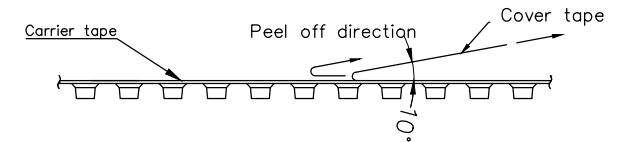
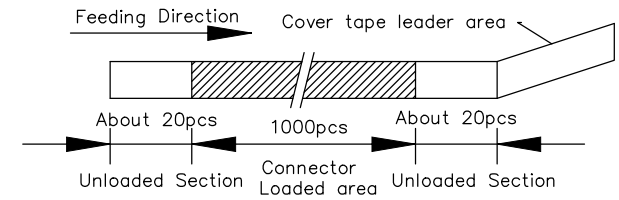
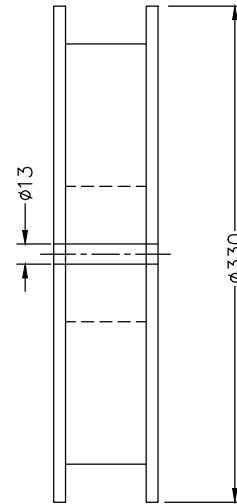
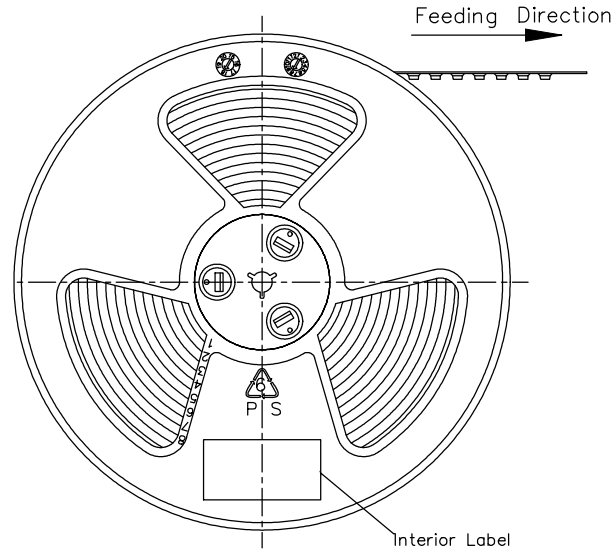
Circuits (n)	Part NO.	Dimensions		
		A	B	C
20	FBB05021-F20S1XX5XXMHXXX	7.20	6.60	4.50
30	FBB05021-F30S1XX5XXMHXXX	9.70	9.10	7.00
40	FBB05021-F40S1XX5XXMHXXX	12.20	11.60	9.50
60	FBB05021-F60S1XX5XXMHXXX	17.20	16.60	14.50
80	FBB05021-F80S1XX5XXMHXXX	22.20	21.60	19.50

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Sept/24	PART NO. FBB05021-FXXS1XX5XXMHXXX	ITEM NO. FBB05021	 Building Technology Cornerstone	
		X. ±0.30	X.' ±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS mm		X.X ±0.20	X.X' ±2°	GISELLE	26/Sept/24	Board to Board Pitch 0.5mm 180°Vertical (SMT)		REV 0	SHEET NO. 2/3
		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			
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5°	HJP	26/Sept/24				

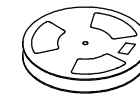
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

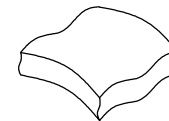
- Note:
- 1.10 sprocket hole cumulative tolerance ± 0.2
 - 2.Carrier camber is within 1.0mm in 250mm
 - 3.Material: White conductive polystyrene Alloy 100% recyclable
 - 4.All dimensions meet EIA-481-3 requirements
 - 5.Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
 - 6.Component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



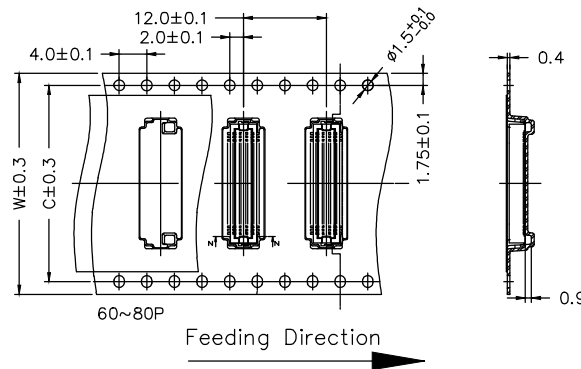
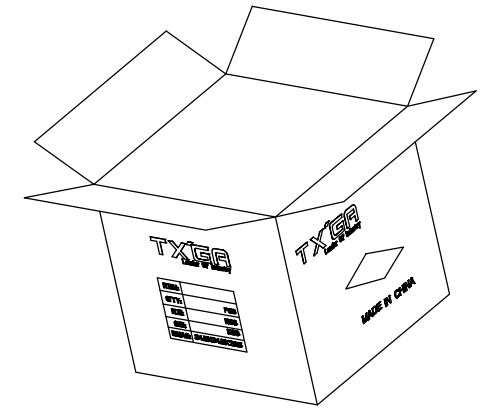
Circuits (n)	Dimensions	
	W	C
10~20	16	—
24~50	24	—
60	32	28.4
80	44	40.4



PE Bag



Drying agent/pcs



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Sept/24	PART NO. FBB05021-FXXS1XX5XXMHXXX	ITEM NO. FBB05021	 Building Technology Cornerstone	
		X. ± 0.30	X.* $\pm 5^\circ$	CHECKED BY GISELLE	DATE 26/Sept/24	TITLE Board to Board Pitch 0.5mm 180°Vertical (SMT)			
DESIGN UNITS METRIC(mm)		X.X ± 0.20	X.X* $\pm 2^\circ$	DRAWN BY HJP	DATE 26/Sept/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
		X.XX ± 0.15	X.XX* $\pm 1^\circ$						
SCALE 1:1		SIZE A4							
		X.XXX ± 0.10	X.XXX* $\pm 0.5^\circ$						