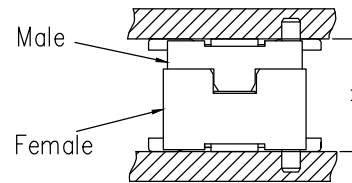
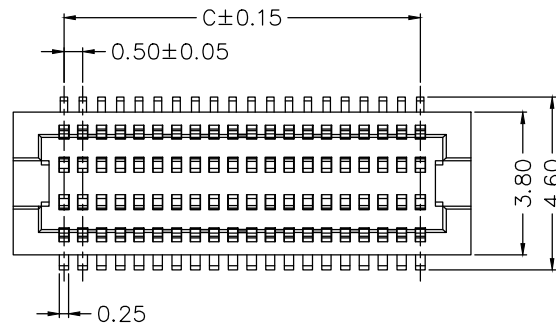
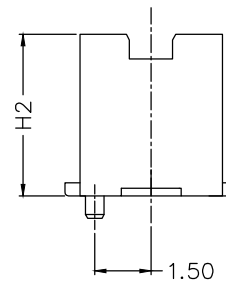
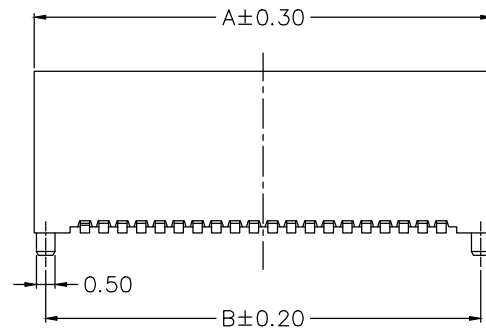


With Peg



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

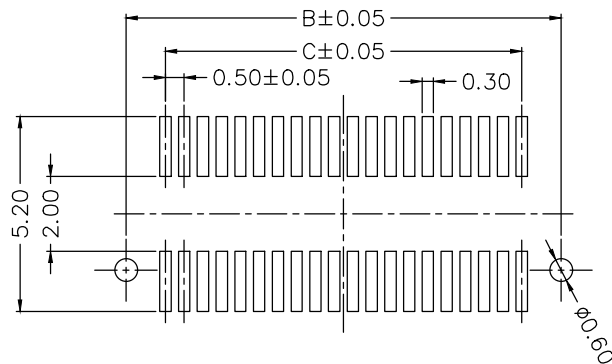
Housing: PA9T (UL 94V-0)
Contacts: Copper Alloy/Gold plated

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

FBF 050 22 — 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. 22	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		

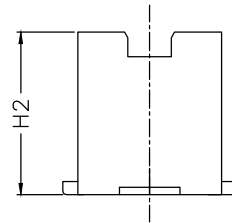
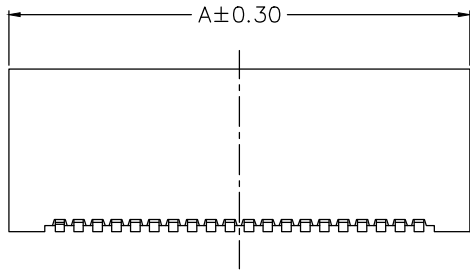
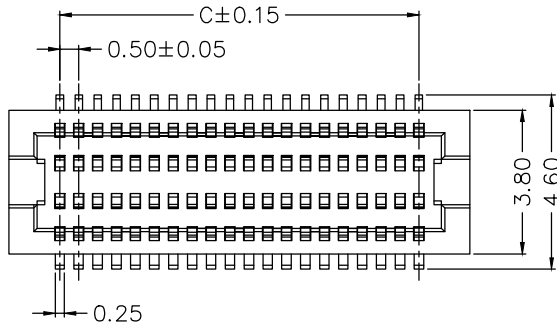


Recommended P.C.Board Layout
General tolerances:±0.05

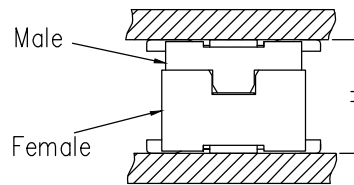
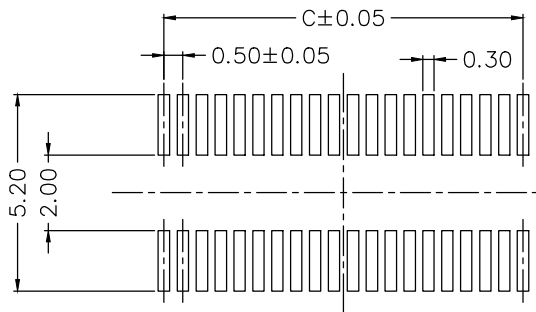
 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Sept/24	PART NO. FBB05022—FXXS1XX5XXMHXXX	ITEM NO. FBB05022	 Building Technology Cornerstone	
		X. ±0.30	X.' ±5'	CHECKED BY	DATE	TITLE			
DESIGN UNITS METRIC(mm)		X.X ±0.20	X.X' ±2'	GISELLE	26/Sept/24	Board to Board Pitch 0.5mm 180°Vertical (SMT)		REV 0	SHEET NO. 1/3
		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				

Without Peg

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



Circuits (n)	Part NO.	Dimensions		
		A	B	C
20	FBB05022-F20S1XX5XXMHXXX	7.20	6.60	4.50
30	FBB05022-F30S1XX5XXMHXXX	9.70	9.10	7.00
40	FBB05022-F40S1XX5XXMHXXX	12.20	11.60	9.50
60	FBB05022-F60S1XX5XXMHXXX	17.20	16.60	14.50
80	FBB05022-F80S1XX5XXMHXXX	22.20	21.60	19.50



Mating Section

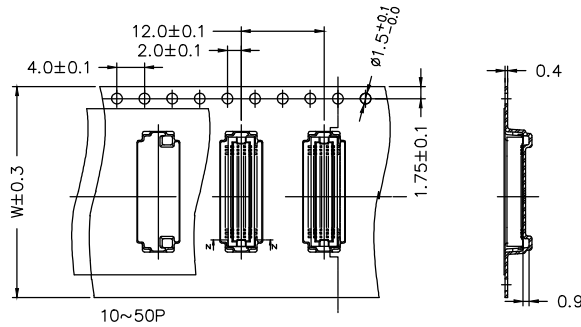
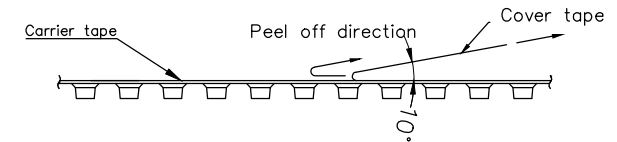
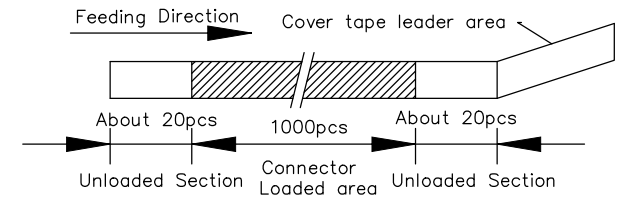
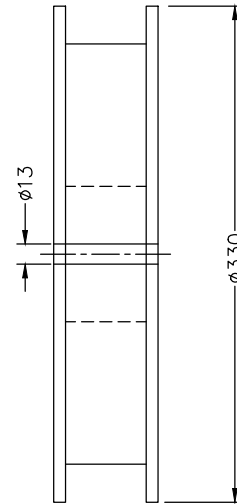
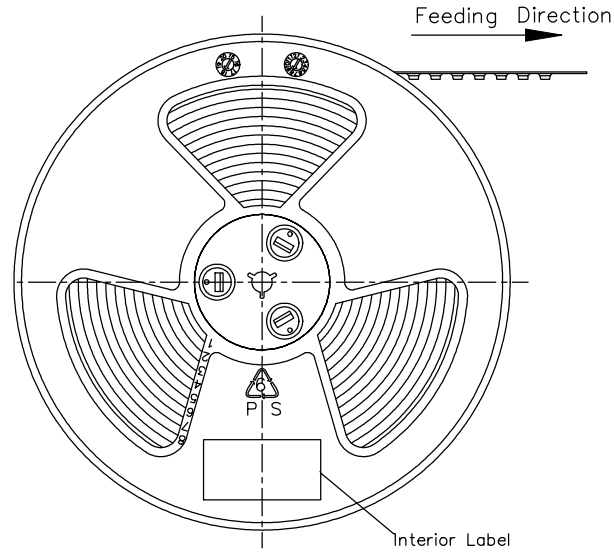
Recommended P.C.Board Layout
General tolerances:±0.05

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Sept/24	PART NO. FBB05022-FXXS1XX5XXMHXXX	ITEM NO. FBB05022	 Building Technology Cornerstone	
DESIGN UNITS mm		X. ±0.30	X.' ±5°	CHECKED BY GISELLE	DATE 26/Sept/24	TITLE Board to Board Pitch 0.5mm 180°Vertical (SMT)		REV 0	SHEET NO. 2/3
SCALE 5:1		X.X ±0.20	X.X' ±2°	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' ±1°						
		X.XXX ±0.10	X.XXX' ±0.5°						

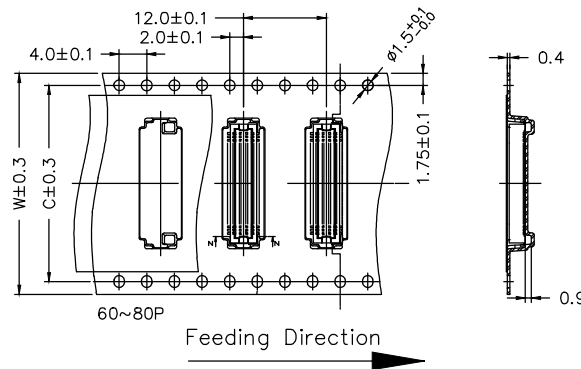
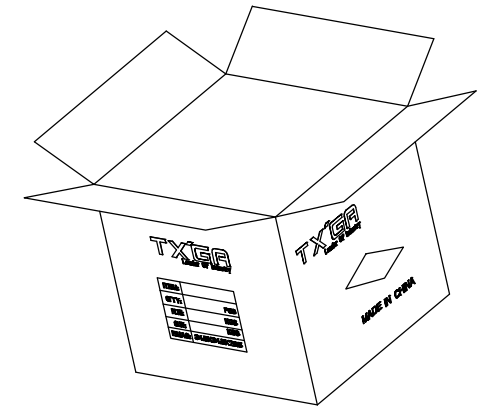
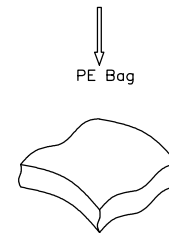
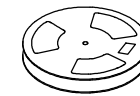
1 2 3 4 5 6 7 8

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



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Sept/24	PART NO. FBB05022-FXXS1XX5XXMHXXX	ITEM NO. FBB05022	 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		REV 0	SHEET NO. 3/3
SCALE 1:1	SIZE A4	X.XX ± 0.15	X.XX* $\pm 1^\circ$						
		X.XXX ± 0.10	X.XXX* $\pm 0.5^\circ$						

1 2 3 4 5 6 7 8