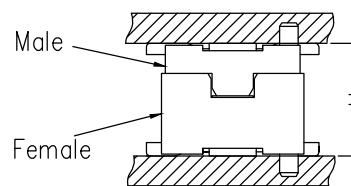
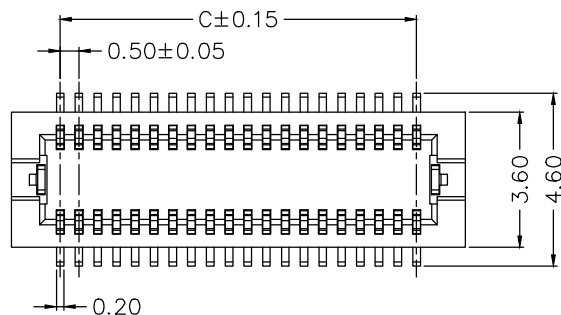
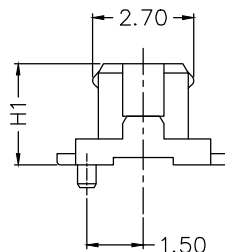
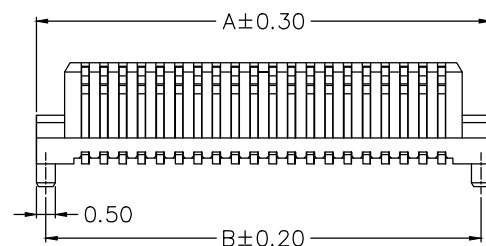


With Peg



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

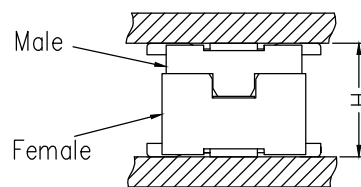
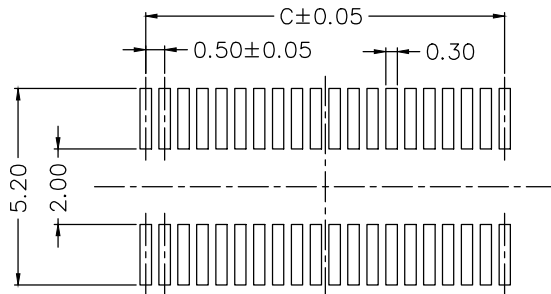
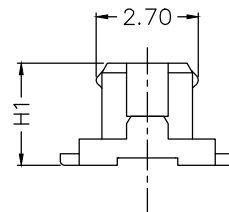
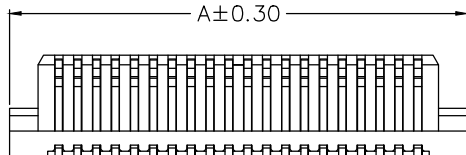
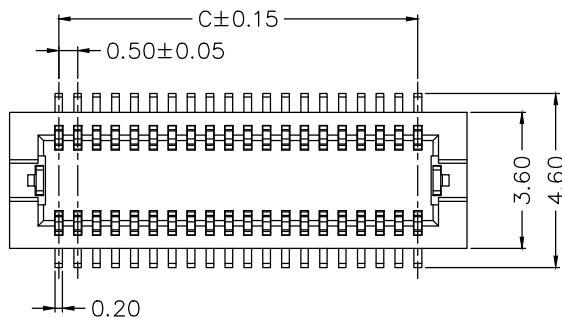
FBB 050 22 — M XX S 1 XX 5 XX M HXX X
1 2 3 4 5 6 7 8 9 10 11 12 13

1	<u>Category</u> FBB-Board To Board	2	<u>Series Number</u> 050-Pitch0.50mm	3	<u>Distinction No.</u> 22	4	<u>Type</u> M-Male	5	<u>Circuits</u> XX	6	<u>Entry Angle</u> S-180°Vertical	7	<u>Plating</u> 1-Gold plated
8	<u>thickness of Gold Plating</u> 01-0.025μm	9	<u>Material-Resin</u> 5-PA9T	10	<u>Color-Resin</u> NA-Natural BK-Black	11	<u>Packaging</u> M-Reel	12	<u>Male height</u> H22-H1=2.20mm H27-H1=2.70mm	13	<u>Peg</u> 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-MXXS1XX5XXMHXXX	ITEM NO. FBB05022	 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				
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



Mating Section

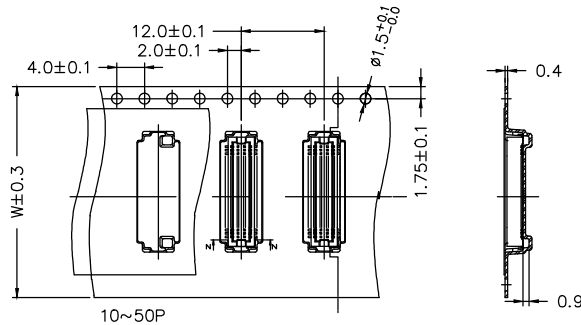
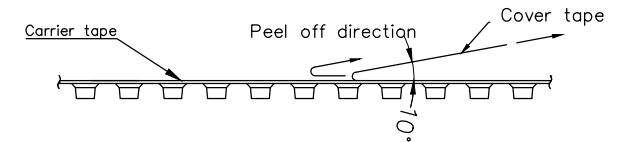
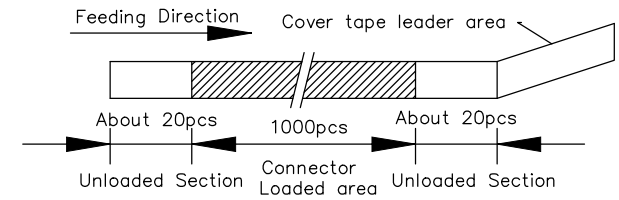
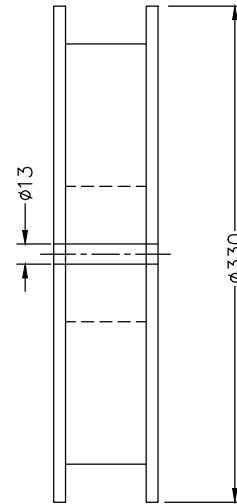
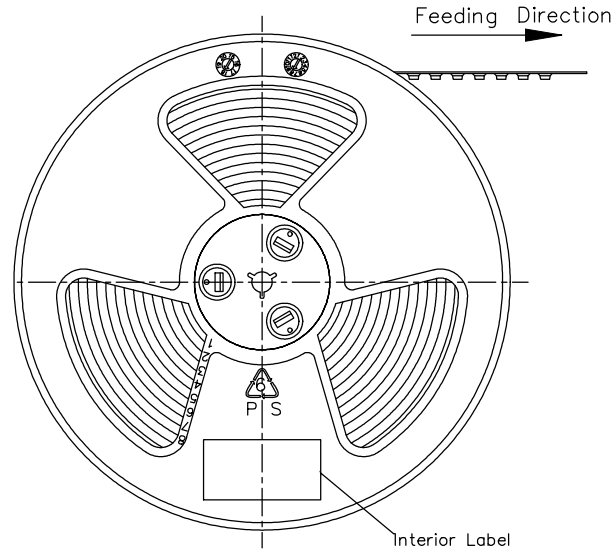
Recommended P.C.Board Layout
General tolerances:±0.05

Circuits (n)	Part NO.	Dimensions		
		A	B	C
20	FBB05022-M20S1XX5XXMHXXX	7.20	6.60	4.50
30	FBB05022-M30S1XX5XXMHXXX	9.70	9.10	7.00
40	FBB05022-M40S1XX5XXMHXXX	12.20	11.60	9.50
60	FBB05022-M60S1XX5XXMHXXX	17.20	16.60	14.50
80	FBB05022-M80S1XX5XXMHXXX	22.20	21.60	19.50

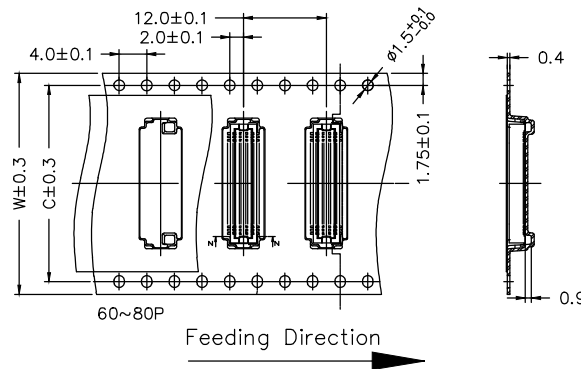
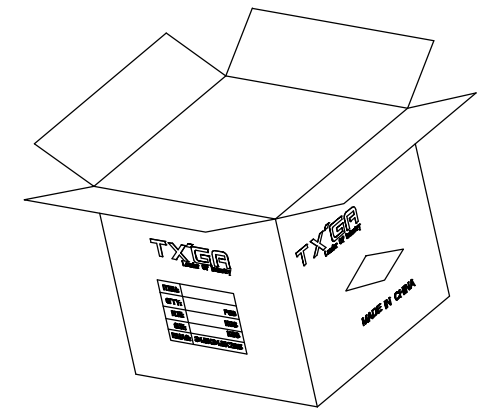
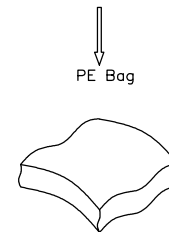
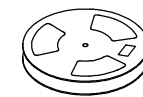
 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 26/Sept/24	PART NO. FBB05022-MXXS1XX5XXMHXXX	ITEM NO. FBB05022	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 0.5mm 180°Vertical (SMT)			
DESIGN UNITS mm		X.X ±0.20	X.X* ±2°	GISELLE	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			
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY	DATE				
		X.XXX ±0.10	X.XXX* ±0.5°	HJP	26/Sept/24				

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-MXXS1XX5XXMHXXX	ITEM NO. FBB05022	 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	
SCALE 1:1	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°						