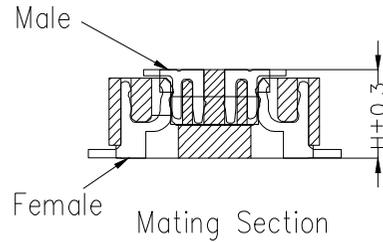
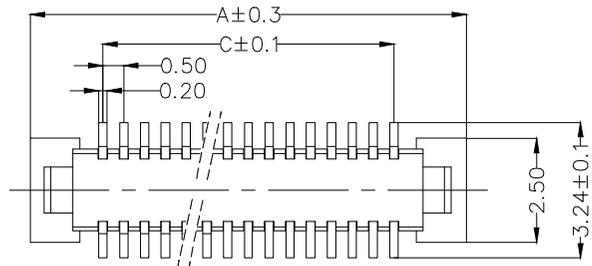


REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1		Size changes	20/MAY/21	KATE	CHERRY
2		Add height series	23/Dec/25	Hejianpeng	CHERRY

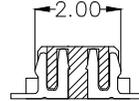
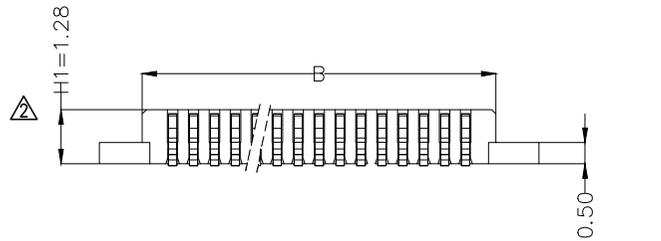


Electrical

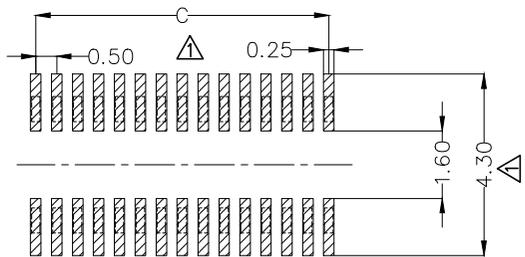
Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 40 mΩ Max
Insulation Resistance: 500 MΩ MIN
Withstanding Voltage: 200V AC r.m.s
Temperature Range-Operating: -25°C~+85°C

Material and Plating

Housing: LCP(UL 94V-0)
Contact Pin: Phosphor Bronze
Plating: Gold Plated



Dimensions(mm)		
Height H	Male H1	Female H2
1.50	1.28	1.35
2.00	1.28	1.85
2.50	1.28	2.35



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

Ordering Information

FBB 050 01 - M XX S 1 XX 3 W5 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. 01	4	Type M-Male	5	Circuits XX	6	Entry Angle S-180° Vertical
7	Plating 1-Gold Plated	8	Thickness of Plating 00-Gold Flash 01-1u"	9	Material-Resin 3-LCP	10	Plastic Color W5-Natural	11	Packaging M-Reel	12	Male High H12-H1=1.28mm

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED) X.±.012(0.30) X.'±5' X.X±.008(0.20) .X'±2' X.XX±.006(0.15) .XX'±1' X.XXX±.004(0.10) .XXX'±0.5'		APPROVE BY FRANK	DATE 26/SEPT/13	PART NO. FBB05001-MXXS1XX3W5MHXX	TEM NO. FBB05001-M	 TXGA Leader Of Industry
	DESIGN UNITS mm	SCALE 5:1	SIZE A4	CHECKED BY CHERRY	DATE 26/SEPT/13	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

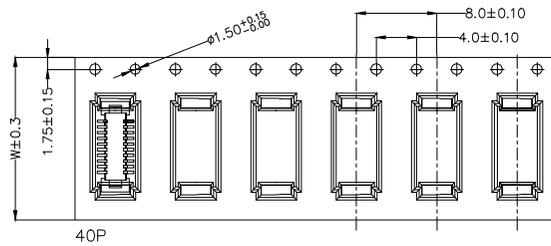
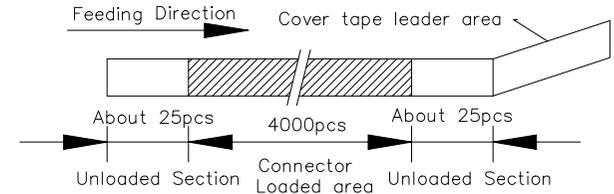
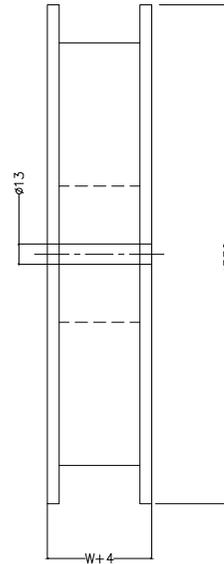
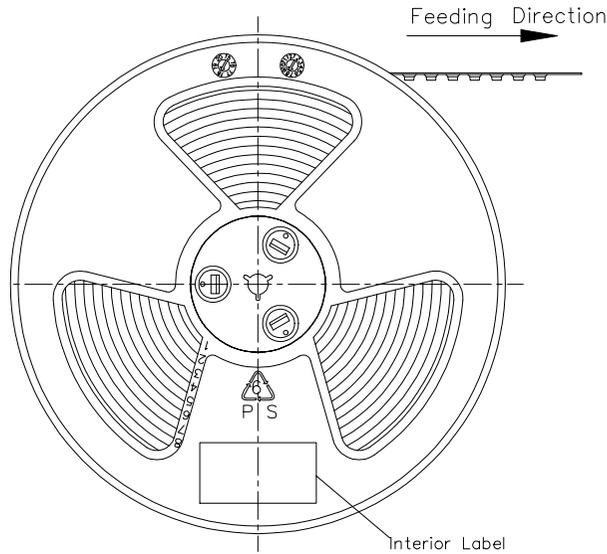
Circuits (n)	Part No.	Dimensions(mm)		
		A	B	C
10	FBB05001-M10S1XX3W5MHXX	5.50	3.40	2.00
12	FBB05001-M12S1XX3W5MHXX	6.00	3.90	2.50
14	FBB05001-M14S1XX3W5MHXX	6.50	4.40	3.00
16	FBB05001-M16S1XX3W5MHXX	7.00	4.90	3.50
18	FBB05001-M18S1XX3W5MHXX	7.50	5.40	4.00
20	FBB05001-M20S1XX3W5MHXX	8.00	5.90	4.50
22	FBB05001-M22S1XX3W5MHXX	8.50	6.40	5.00
24	FBB05001-M24S1XX3W5MHXX	9.00	6.90	5.50
26	FBB05001-M26S1XX3W5MHXX	9.50	7.40	6.00
28	FBB05001-M28S1XX3W5MHXX	10.00	7.90	6.50
30	FBB05001-M30S1XX3W5MHXX	10.50	8.40	7.00
32	FBB05001-M32S1XX3W5MHXX	11.00	8.90	7.50
34	FBB05001-M34S1XX3W5MHXX	11.50	9.40	8.00
36	FBB05001-M36S1XX3W5MHXX	12.00	9.90	8.50
38	FBB05001-M38S1XX3W5MHXX	12.50	10.40	9.00
40	FBB05001-M40S1XX3W5MHXX	13.00	10.90	9.50
50	FBB05001-M50S1XX3W5MHXX	15.50	13.40	12.00
60	FBB05001-M60S1XX3W5MHXX	18.00	15.90	14.50
70	FBB05001-M70S1XX3W5MHXX	20.50	18.40	17.00
80	FBB05001-M80S1XX3W5MHXX	23.00	20.90	19.50

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 26/SEPT/13	PART NO. FBB05001-MXXS1XX3W5MHXX	TEM NO. FBB05001-M	 Leader Of Industry		
	DESIGN UNITS mm	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 26/SEPT/13	TITLE Board to Board Pitch 0.5mm 180° Vertical (SMT)		REV 2	SHEET NO. 2/3
	SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.XX±1'	DRAWN BY JACOB	DATE 26/SEPT/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

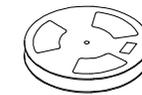
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

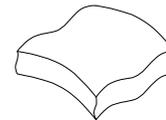
- Note:
- 1.10 sprocket hole cumulative tolerance±0.2
 - 2.Carrier camber is within 1.0mm in 250mm
 - 3.Material: White conductive polystyrene Alloy 100% recyclable
 - 4.All dimensions meet EIA-481-3 requirements
 - 5.Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
 - 6.Component load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



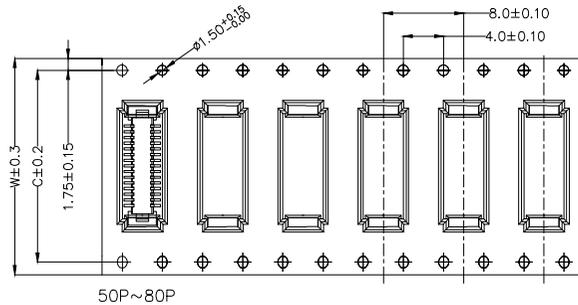
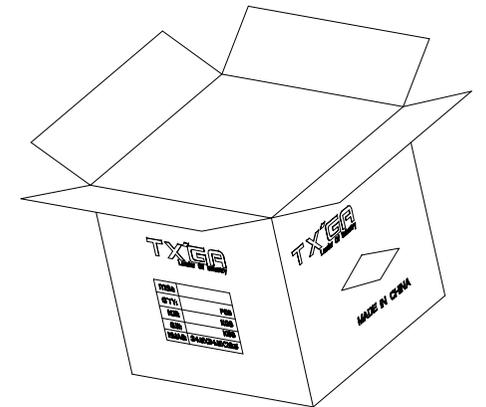
Circuits (n)	Dimensions	
	W	C
10-22	16	—
24-40	24	—
50-60	32	28.4
70-80	44	40.4



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>FBB05001-MXXS1XX3W5MHXX</p>	<p>ITEM NO.</p> <p>FBB05001-M</p>	<p>Building Technology Cornerstone</p>
	<p>DESIGN UNITS</p> <p>mm</p>	<p>X. ±0.30</p> <p>X.X ±0.20</p> <p>X.XX ±0.15</p> <p>X.XXX ±0.10</p>	<p>X.' ±5'</p> <p>X.X' ±2'</p> <p>X.XX' ±1'</p> <p>X.XXX' ±0.5'</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</p> <p>180°Vertical (SMT)</p>	
<p>SCALE</p> <p>1:1</p>	<p>SIZE</p> <p>A4</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>		