

SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 100 mΩ Max
 Insulation Resistance: 500 MΩ Min
 Withstanding Voltage: 250V AC r.m.s
 Operating Temperature: -40°C~+125°C
 Floating Range ±0.5mm in X,Y,Z directions
 Material and plating

Housing:LCP (UL 94V-0)
 Contacts:Phosphor Bronze/The contact area and tail portion are gold-plated, while the middle section is nickel-plated.

Dimensions(mm)		
Height H	Male H1	Female H2
9.75	4.80	8.45
11.75	6.80	8.45
12.75	7.80	8.45
14.00	9.05	8.45

Circuits (n)	Part NO.	Dimensions					
		A	B	C	D	E	F
30	FBB08013-F30S1XX3BKM HXX	11.2	12.9	21.0	20.82	18.0	14.6
40	FBB08013-F40S1XX3BKM HXX	15.2	16.9	25.0	24.82	22.0	18.6
60	FBB08013-F60S1XX3BKM HXX	23.2	24.9	33.0	32.82	30.0	26.6
80	FBB08013-F80S1XX3BKM HXX	31.2	32.9	41.0	40.82	38.0	34.6

Ordering Information

FBB 080 13 - F XX S 1 XX 3 BK M HXX
 1 2 3 4 5 6 7 8 9 10 11 12

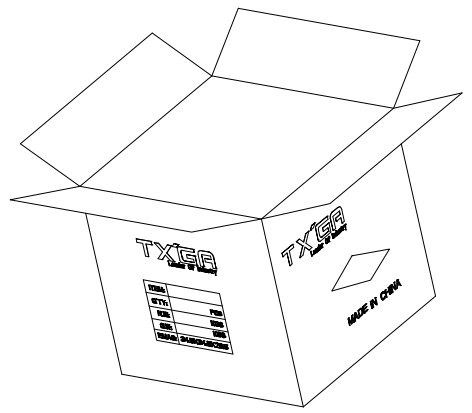
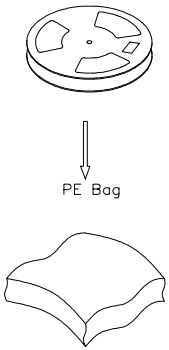
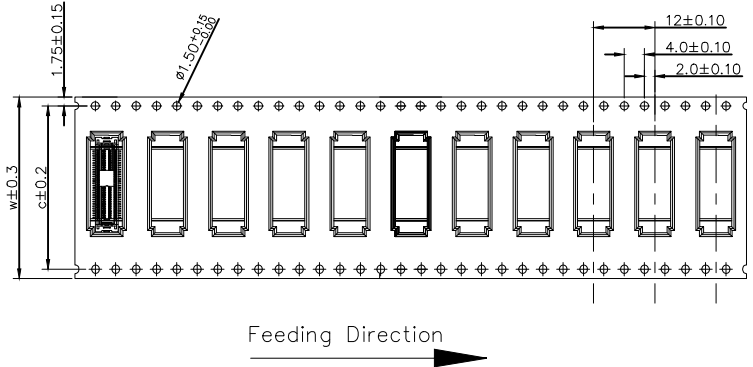
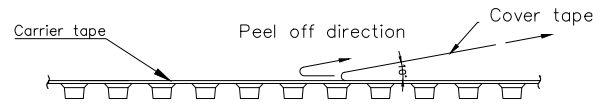
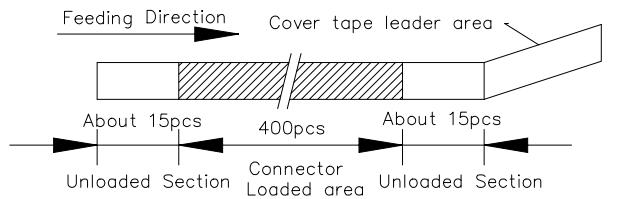
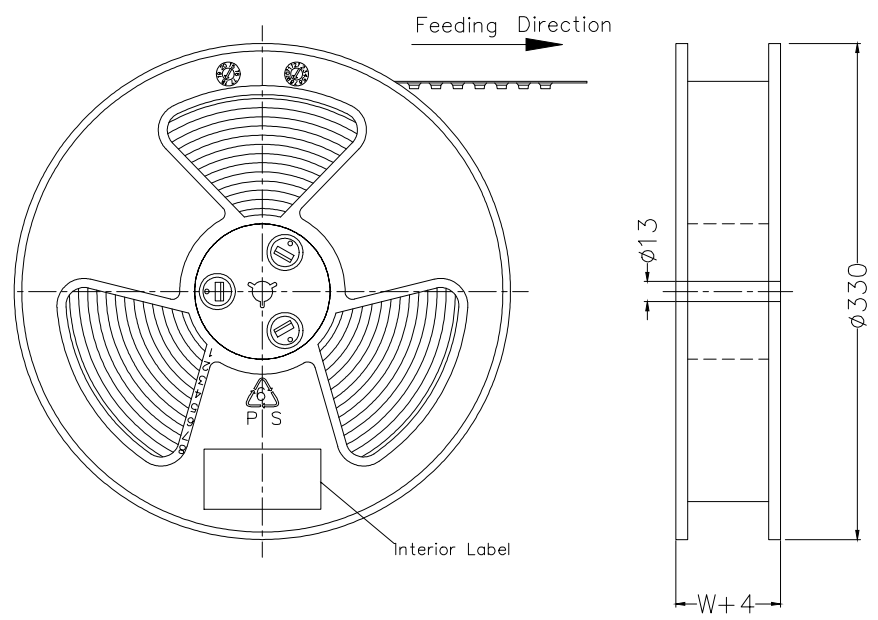
- 1 Category: FBB-Board To Board
- 2 Series Number: 080-Pitch 0.80mm
- 3 Distinction No.: 13
- 4 Type: F-Female
- 5 Circuits: xx
- 6 Entry Angle: S-180°/Vertical
- 7 Plating: 1-Gold plated
- 8 thickness of Gold Plating: 02-2u", 03-3u", 30-30u"
- 9 Material-Resin: 3-LCP
- 10 Color-Resin: BK-Black
- 11 Packaging: M-Reel
- 12 Female height: H85-H2=8.45mm

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 19/Sept/23	PART NO. FBB08013-FXXS1XX3BKM HXX	ITEM NO. FBB08013	 Building Technology Cornerstone
	DESIGN UNITS METRIC(mm)	X. ±0.30	X.* ±5*	CHECKED BY GISELLE	DATE 19/Sept/23	TITLE Board to Board Floating Connector Pitch 0.8mm 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*				

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
30~40	44.0	40.4
50~60	56.0	52.4
80	72.0	68.4

<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	FBB08013-FXXS1XX3BKMHXX	FBB08013		
	DESIGN UNITS METRIC(mm)		CHECKED BY	DATE	TITLE			REV 0
	X.X ±0.20	X.X* ±2*	GISELLE	19/Sept/23	Board to Board Floating Connector Pitch 0.8mm 180°Vertical (SMT)			SHEET NO. 2/2
SCALE	SIZE	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		
1:1	A4	X.XXX ±0.10	X.XXX* ±0.5*	Hejianpeng	19/Sept/23			

1 2 3 4 5 6 7 8