

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Change packaging quantity	23/Dec/25	Hejianpeng	LEO

SPECIFICATIONS

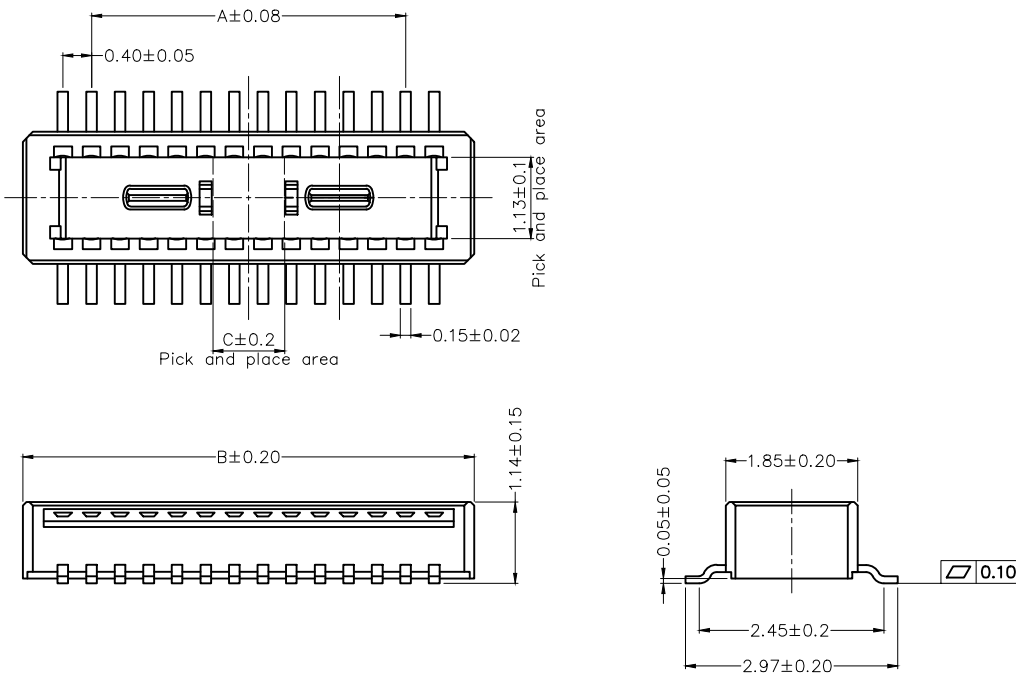
Electrical

Current Rating: 0.3A AC(rms)/DC
 Voltage Rating: 30V AC(rms)/DC
 Contact Resistance: 90 mΩ Max.
 Insulation Resistance: 50 MΩ Min.@100V DC
 Withstanding Voltage: 100V AC r.m.s
 Temperature Range-Operating: -35°C~+85°C

Material

Housing: Thermoplastic (UL 94V-0), Black
 Contact: Phosphor Bronze/ 0.05μm gold plated on contact area and 0.025μm gold plated on tails area

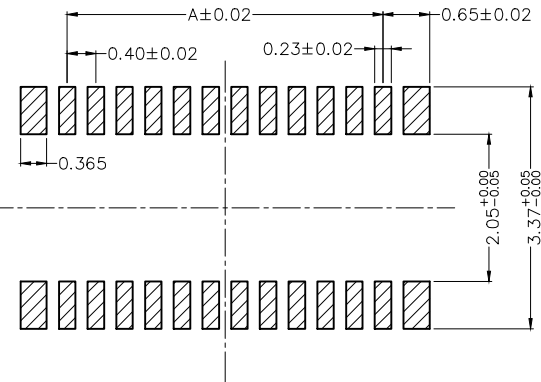
Circuits (n)	Part No.	Dimensions(mm)		
		A	B	C
10	FBB04010-M10S1023BKM	1.60	3.52	1.00
20	FBB04010-M20S1023BKM	3.60	5.52	1.00
24	FBB04010-M24S1023BKM	4.40	6.32	1.20
30	FBB04010-M30S1023BKM	5.60	7.52	1.50
34	FBB04010-M34S1023BKM	6.40	8.32	1.50
40	FBB04010-M40S1023BKM	7.60	9.52	3.20
50	FBB04010-M50S1023BKM	9.60	11.52	3.20
60	FBB04010-M60S1023BKM	11.60	13.52	3.20
70	FBB04010-M70S1023BKM	13.60	15.52	3.20
80	FBB04010-M80S1023BKM	15.60	17.52	3.20
90	FBB04010-M90S1023BKM	17.60	19.52	3.20
100	FBB04010-M100S1023BKM	19.60	21.52	3.20
120	FBB04010-M120S1023BKM	23.60	25.52	3.20



Ordering Information

FBB 040 10 - M XX S 1 02 3 BK M
 1 2 3 4 5 6 7 8 9 10 11

1 Category FBB-Board to Board	2 Series Number 040-Pitch 0.4mm	3 Distinction No. 10	4 Type M-Male	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold plated	8 Thickness of Plating 02-0.05μm	9 Material-Resin 3-LCP	10 Color-Resin BK-Black	11 Packaging M-Reel	

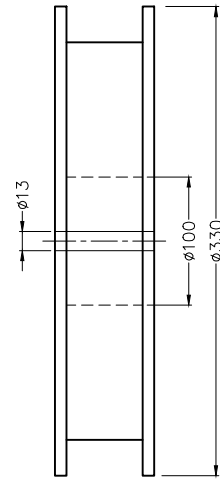
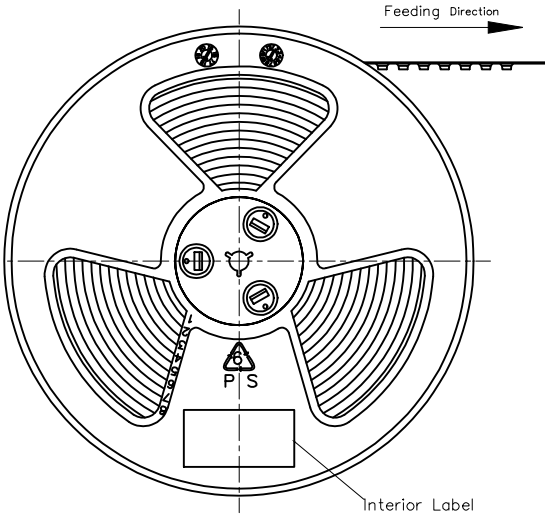


Recommended P.C.Board Layout
 General tolerances: ±0.05

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 25/AUG/23	PART NO. FBB04010-MXXS1023BKM	ITEM NO. FBB04010	Building Technology Cornerstone
	DESIGN UNITS METRIC (mm)	X. ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 25/AUG/23	TITLE Board to Board Pitch 0.4mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX' ±1'	DRAWN BY MATT	DATE 25/AUG/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'			REV 1	SHEET NO. 1/2

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

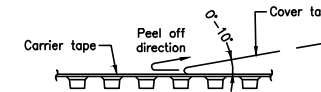
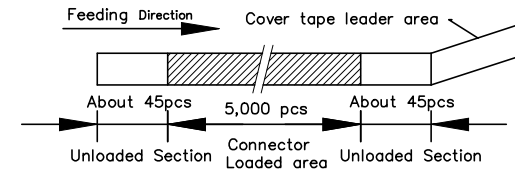
A



Note:

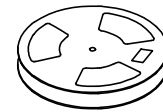
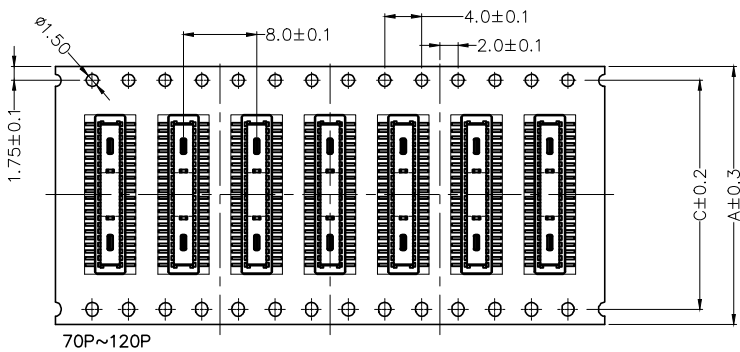
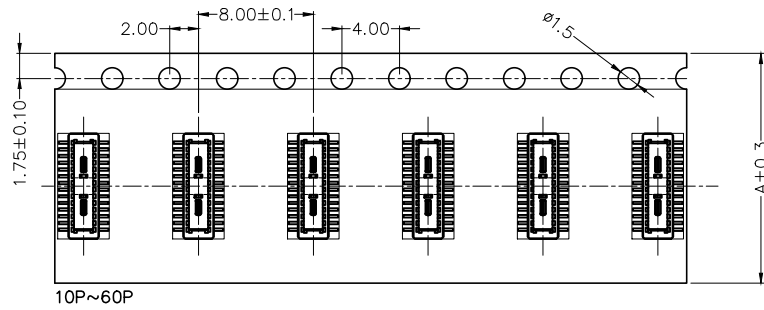
- 10 sprocket hole cumulative tolerance ± 0.2
- Carrier camber is within 1mm in 100mm
- Material: Transparent Conductive polystyrene Alloy 100% recyclable
- All dimensions meet EIA-481-3 requirements
- Component load per 13" reel: 5,000 pcs

Circuits (n)	Dimensions(mm)	
	A	C
10	12.0	-
20-30	16.0	-
34-60	24.0	-
70-80	32.0	28.4
90-120	44.0	40.4



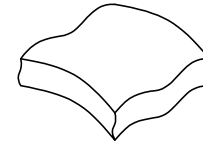
B

C

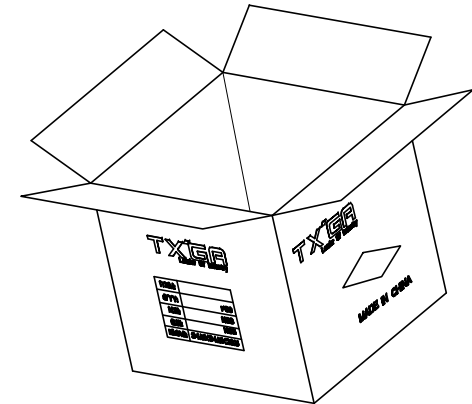


5,000 pcs/Reel

PE Bag



Drying agent/pcs



D

E

F

<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.' $\pm 5'$	CHECKED BY	DATE	FBB04010-MXXS1023BKM	FBB04010		
	DESIGN UNITS METRIC (mm)	X.X ± 0.20	X.XX $\pm 2'$	GISELLE	25/AUG/23	TITLE Board to Board Pitch 0.4mm 180° Vertical (SMT)		
	SCALE 5:1	SIZE A4	X.XX ± 0.15	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		
		X.XXX ± 0.10	MATT	25/AUG/23			REV 1 SHEET NO. 2/2	