

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

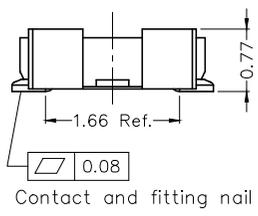
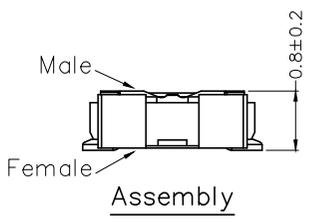
SPECIFICATIONS

Electrical

Current Rating: 0.3A AC(rms)/DC
Voltage Rating: 60V AC(rms)/DC
Contact Resistance: 90 mΩ Max.
Insulation Resistance: 100 MΩ Min.
Withstanding Voltage: 150V AC r.m.s
Temperature Range-Operating: -55°C~+85°C

Material

Housing: Thermoplastic (UL 94V-0), Black
Contact: Copper alloy/ 0.1μm gold plated on contact area and 0.05μm gold plated on tails area
Fitting nail: Copper alloy/ Matte tin plated



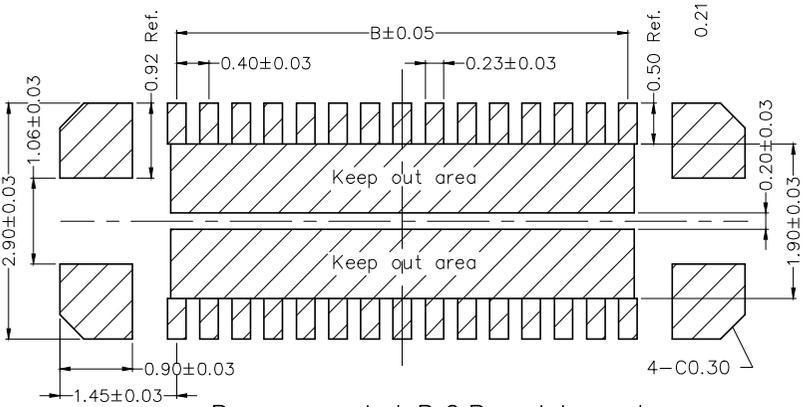
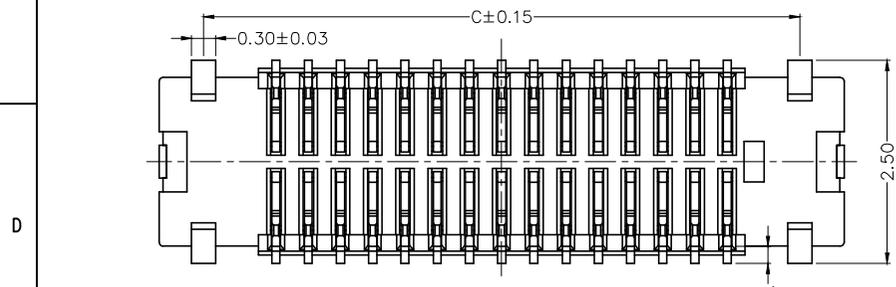
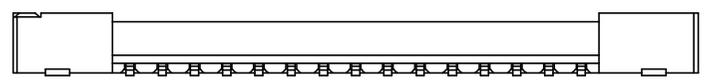
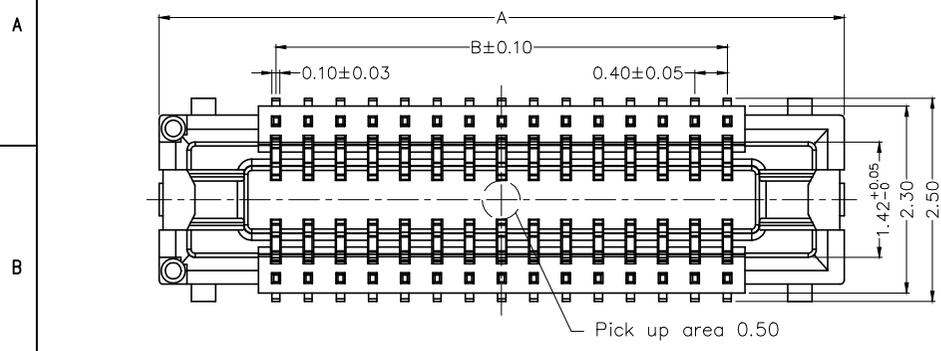
Circuits (n)	Part No.	Dimensions		
		A	B	C
10	FBB04009-F10S1143BKM	4.50	1.60	3.40
24	FBB04009-F24S1143BKM	7.30	4.40	6.20
30	FBB04009-F30S1143BKM	8.50	5.60	7.40
40	FBB04009-F40S1143BKM	10.50	7.60	9.40

Ordering Information

FBB 040 09 — F XX S 1 14 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. 09	4 Type F-Female	5 Circuits XX	6 Entry Angle S-180° Vertical
7 Plating 1-Gold plated	8 Thickness of Plating 14-0.1μm	9 Material-Resin 3-LCP	10 Color-Resin BK-Black	11 Packaging M-Reel	

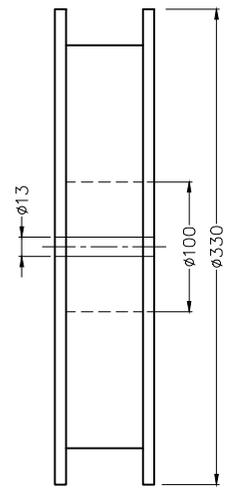
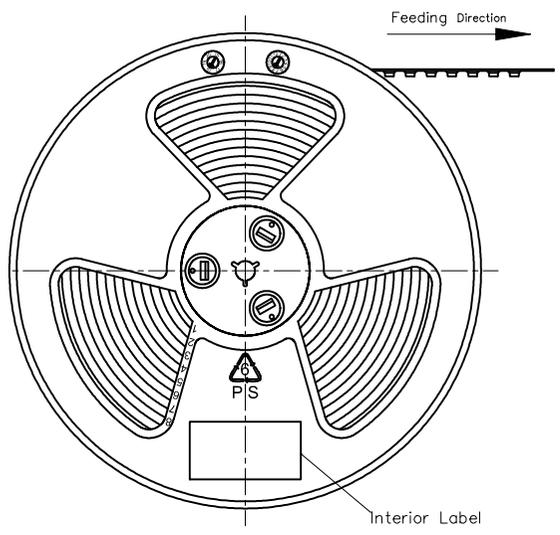
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 25/AUG/23	PART NO. FBB04009-FXXS1143BKM	ITEM NO. FBB04009	 Building Technology Cornerstone
	DESIGN UNITS METRIC (mm)	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 25/AUG/23	TITLE Board to Board Pitch 0.4mm 180° Vertical (SMT)	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY KATE	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	



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

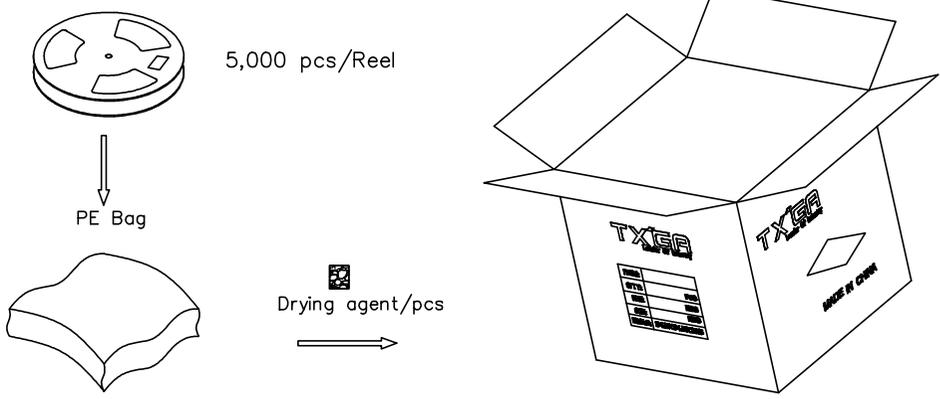
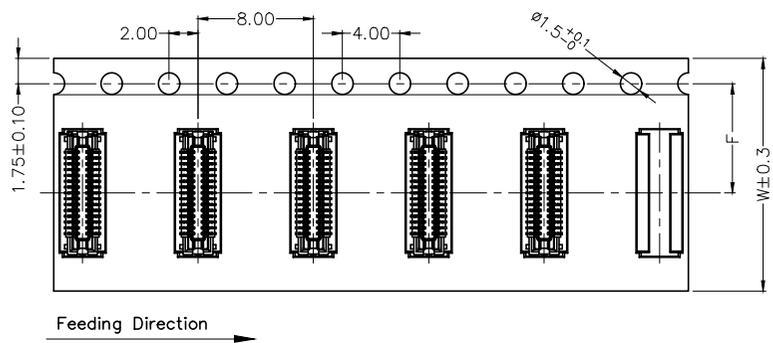
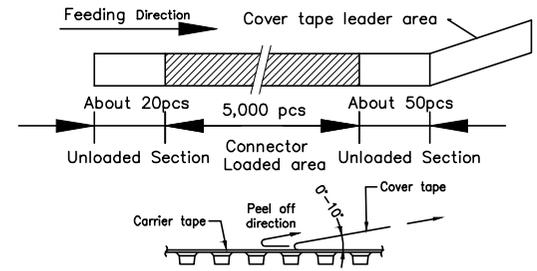
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A
B
C
D
E
F



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

Circuits (n)	Dimensions	
	W	F
10~30	16.0	7.5
40	24.0	11.5



<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.* $\pm 5^\circ$	LEO	25/AUG/23	FBB04009-FXXS1143BKM	FBB04009		
	X.X ± 0.20	X.X* $\pm 2^\circ$	CHECKED BY	DATE	TITLE	REV 0		SHEET NO. 2/2
	X.XX ± 0.15	X.XX* $\pm 1^\circ$	GISELLE	25/AUG/23	Board to Board Pitch 0.4mm 180° Vertical (SMT)			
SCALE	SIZE	X.XXX ± 0.10	X.XXX* $\pm 0.5^\circ$	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		
5:1	A4			KATE	25/AUG/23			