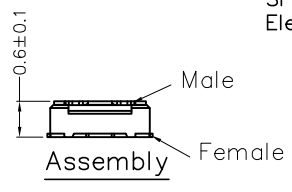
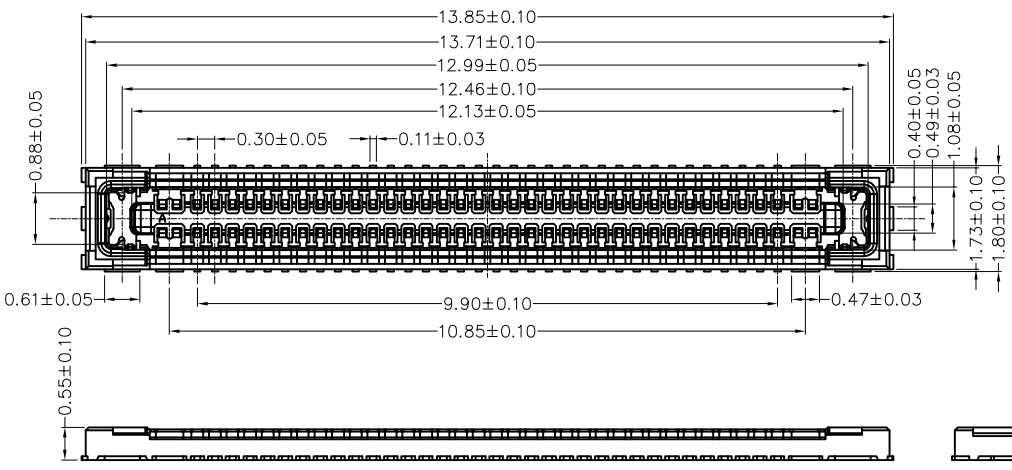


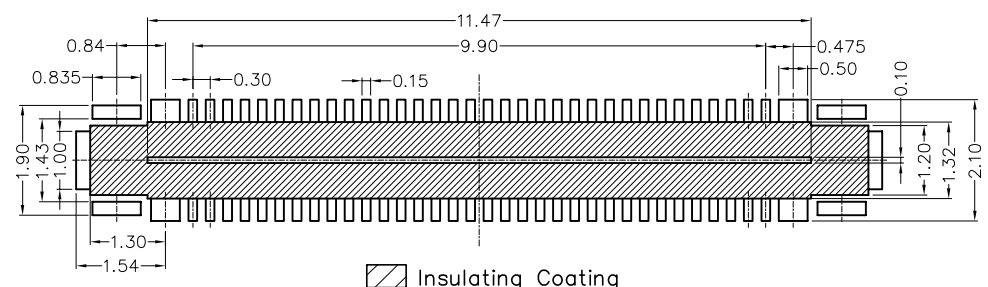
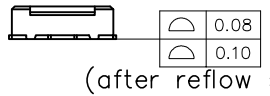
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD



SPECIFICATIONS

Electrical
 Current Rating: 0.3A AC(rms)/DC (Signal contact)
 5A AC(rms)/DC (Power contact)
 Voltage Rating: 60V AC(rms)/DC
 Contact Resistance: 50 mΩ Max. (Signal contact)
 15 mΩ Max. (Power contact)
 Insulation Resistance: 1000 MΩ Min. (Initial)
 Withstanding Voltage: 250V AC r.m.s
 Temperature Range—Operating: -40°C~+85°C

Material
 Housing: LCP (UL 94V-0), Black
 Signal Contact: Copper alloy/ Gold 0.1μm Min on contact area,
 Gold 0.025μm Min on solder area, Ni 1.25μm Min all over.
 Power Contact: Copper alloy/ Gold 0.1μm Min on contact area,
 Gold 0.025μm Min on solder area, Ni 1.25μm Min all over.



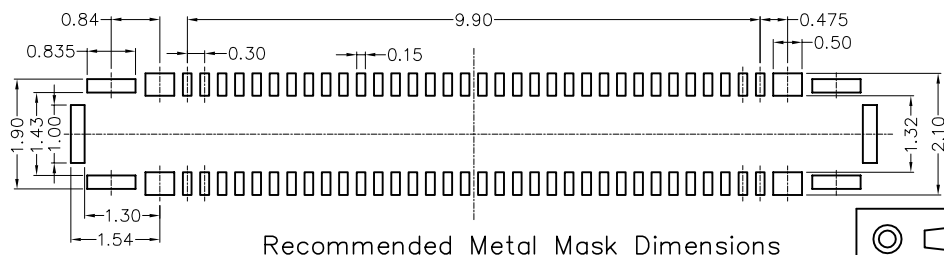
▨ Insulating Coating

Recommended P.C.Board Layout

Ordering Information

FBB 030 01 — F 68 S 1 14 3 BK M
 1 2 3 4 5 6 7 8 9 10 11

1 Category	2 Series Number	3 Distinction No.	4 Type	5 Circuits	6 Entry Angle
FBB—Board to Board	030—Pitch 0.30mm	01	F—Female	68	S—180° Vertical
7 Plating	8 Thickness of Plating	9 Material—Resin	10 Color—Resin	11 Packaging	
1—Gold plated	14—0.1μm	3—LCP	BK—Black	M—Reel	

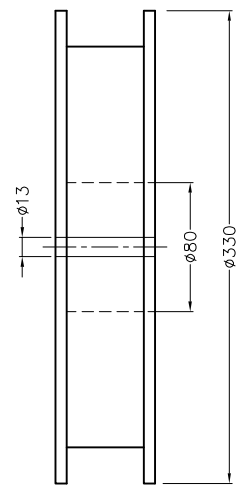
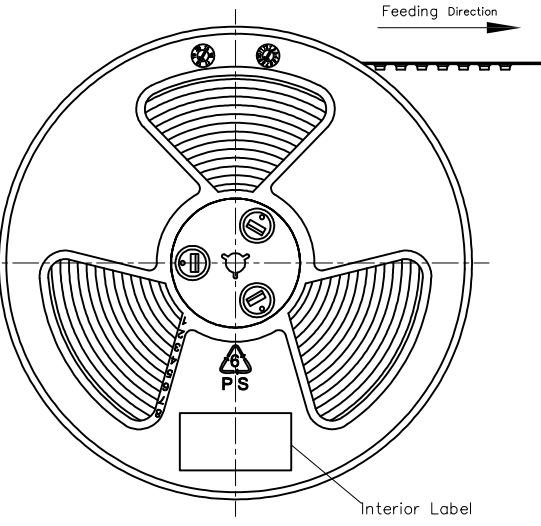


Recommended Metal Mask Dimensions
 (Mask Thickness: 0.10mm)

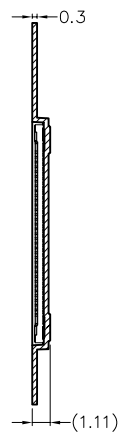
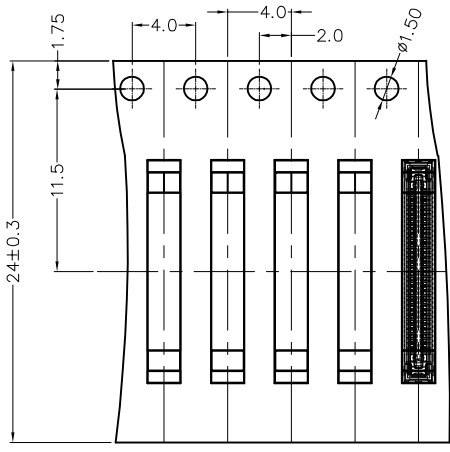
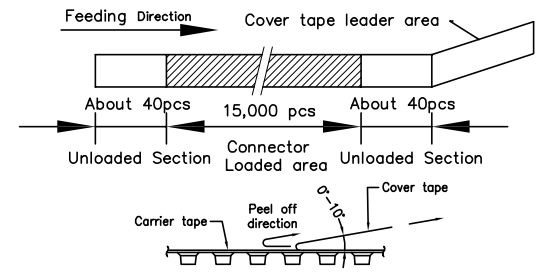
 THIRD ANGLE PROJECTION DESIGN UNITS METRIC SCALE 5:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone REV 0 SHEET NO. 1/2 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
	X. ±0.30	X.* ±5°	LEO	04/DEC/24	FBB03001—F68S114.3BKM	FBB03001	
	X.X ±0.20	X.X* ±2°	CHECKED BY	DATE	TITLE Board to Board 68+6 Circuits Pitch 0.30mm 180° Vertical (SMT)		
	X.XX ±0.15	X.XX* ±1°	GISELLE	04/DEC/24			
X.XXX ±0.10	X.XXX* ±0.5°	DRAWN BY	DATE				
		MATT	04/DEC/24				

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

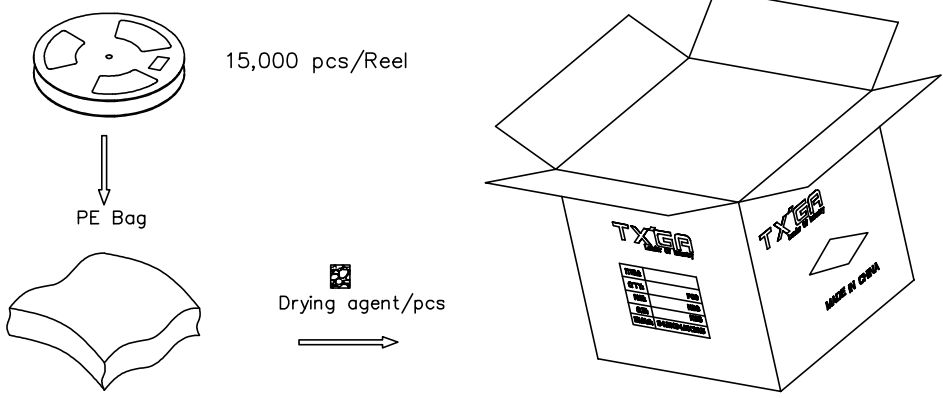
A
B
C
D
E
F



- 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: 15,000 pcs



Feeding Direction →



<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 04/DEC/24	PART NO. FBB03001-F68S1143BKM	ITEM NO. FBB03001	<p>Building Technology Cornerstone</p>	
	X. ± 0.30	X.* $\pm 5^{\circ}$	CHECKED BY GISELLE	DATE 04/DEC/24	TITLE Board to Board 68+6 Circuits Pitch 0.30mm 180° Vertical (SMT)			REV 0
	DESIGN UNITS METRIC	X.X ± 0.20	X.X* $\pm 2^{\circ}$	DRAWN BY MATT	DATE 04/DEC/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2/2
	SCALE NTS	SIZE A4	X.XX ± 0.15	X.XX* $\pm 1^{\circ}$	X.XXX ± 0.10	X.XXX* $\pm 0.5^{\circ}$		