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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

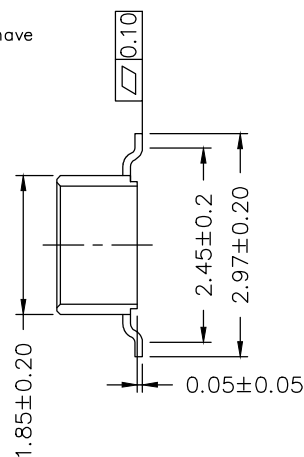
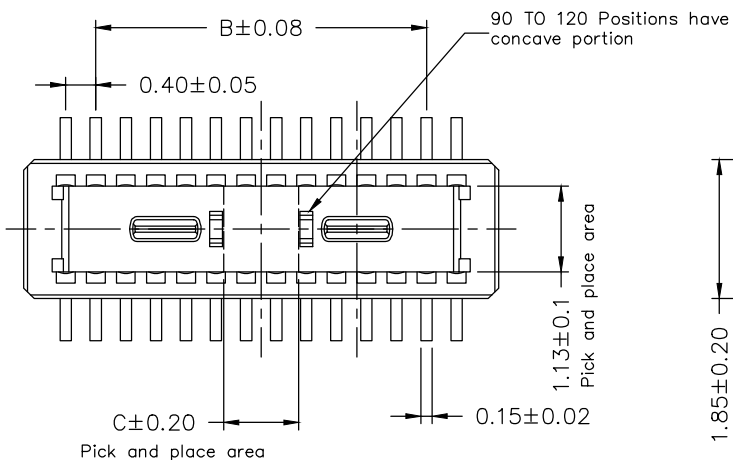
SPECIFICATIONS

Electrical

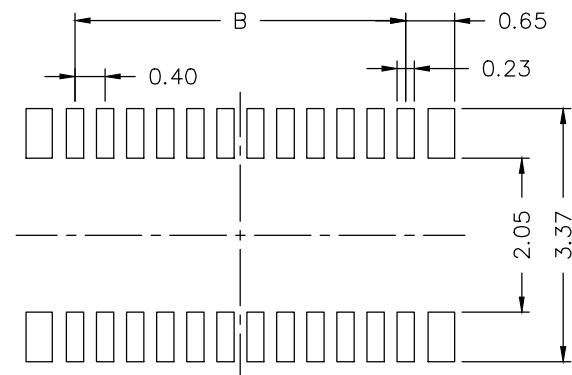
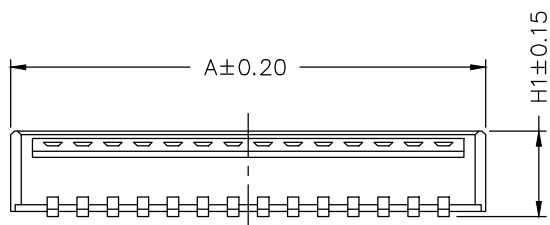
Current Rating: 0.3A AC(rms)/DC
Voltage Rating: 30V AC(rms)/DC
Contact Resistance: 90 mΩ Max
Insulation Resistance: 50 MΩ Min
Withstanding Voltage: 100V AC r.m.s
Operating Temperature: -55°C~+125°C

Material and plating

Housing: LCP (UL 94V-0)
Contacts: Phosphor Bronze/Gold plated



Dimensions(mm)		
Height H	Male H1	Female H2
1.50	1.14	1.45
2.00	1.14	1.95
2.50	1.14	2.40
3.00	1.14	2.90
3.50	1.14	3.40
4.00	1.14	3.90



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

Ordering Information

1	Category FBB-Board To Board	2	Series Number 040-Pitch0.40mm	3	Distinction No. 13	4	Type M-Male	5	Circuits XX	6	Entry Angle S-180°Vertical	7	Plating 1-Gold plated
8	thickness of Gold Plating 02-0.05μm	9	Material-Resin 3-LCP	10	Color-Resin BK-Black	11	Packaging M-Reel	12	Male height H11-H1=1.14mm				

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 25/JUN/22	PART NO. FBB04013-MXXS1XX3BKMHHX	ITEM NO. FBB04013	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 0.4mm 180°Vertical (SMT)			
DESIGN UNITS mm		X.X ±0.20	X.X* ±2°	GISELLE	25/JUN/22			REV 0	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY HJP	DATE 25/JUN/22	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°						

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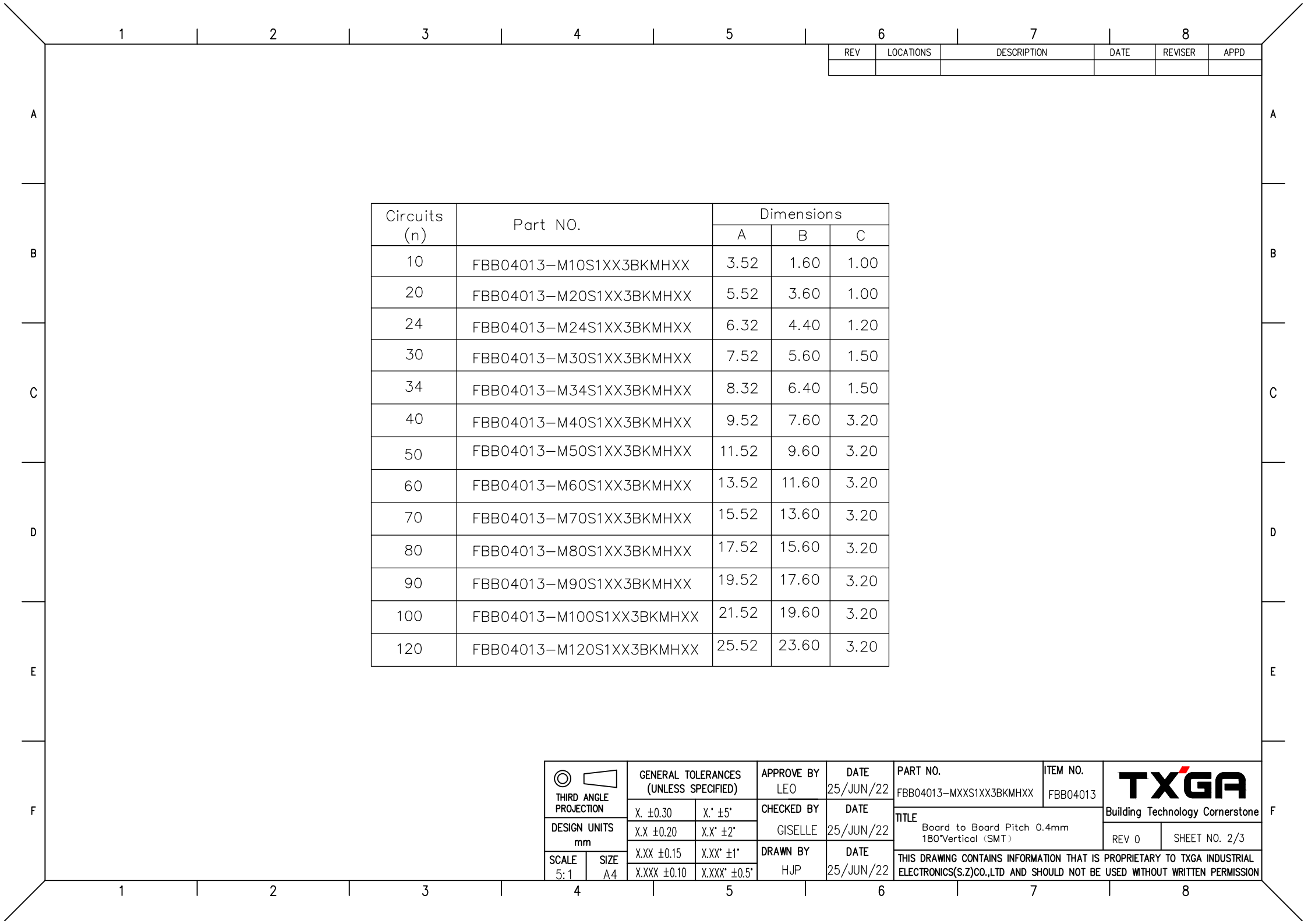
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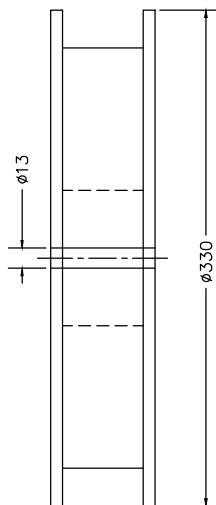
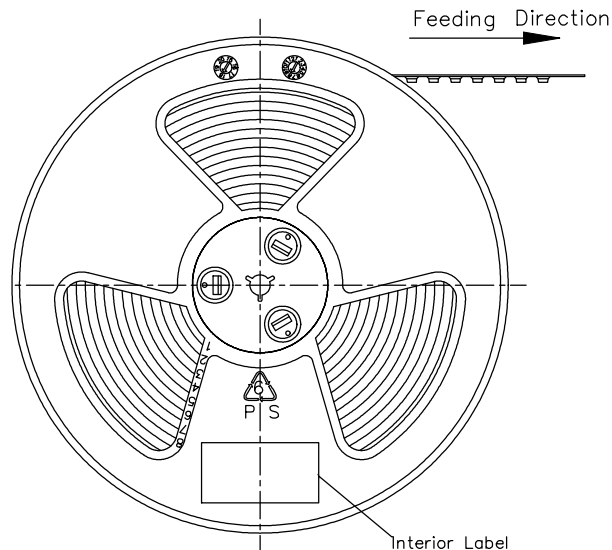
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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

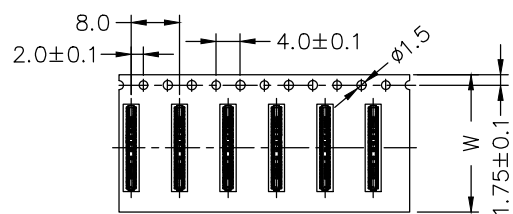
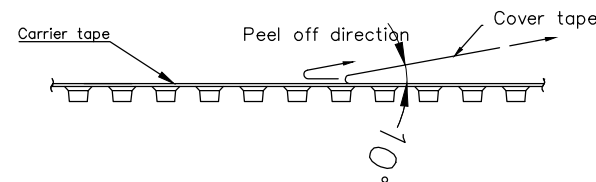
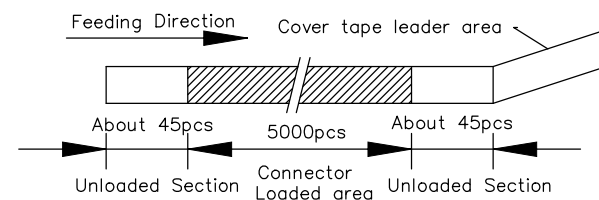
Circuits (n)	Part NO.	Dimensions		
		A	B	C
10	FBB04013-M10S1XX3BKMHXX	3.52	1.60	1.00
20	FBB04013-M20S1XX3BKMHXX	5.52	3.60	1.00
24	FBB04013-M24S1XX3BKMHXX	6.32	4.40	1.20
30	FBB04013-M30S1XX3BKMHXX	7.52	5.60	1.50
34	FBB04013-M34S1XX3BKMHXX	8.32	6.40	1.50
40	FBB04013-M40S1XX3BKMHXX	9.52	7.60	3.20
50	FBB04013-M50S1XX3BKMHXX	11.52	9.60	3.20
60	FBB04013-M60S1XX3BKMHXX	13.52	11.60	3.20
70	FBB04013-M70S1XX3BKMHXX	15.52	13.60	3.20
80	FBB04013-M80S1XX3BKMHXX	17.52	15.60	3.20
90	FBB04013-M90S1XX3BKMHXX	19.52	17.60	3.20
100	FBB04013-M100S1XX3BKMHXX	21.52	19.60	3.20
120	FBB04013-M120S1XX3BKMHXX	25.52	23.60	3.20

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		X. ±0.30	X.* ±5*	CHECKED BY	DATE	TITLE Board to Board Pitch 0.4mm 180°Vertical (SMT)	REV 0		
DESIGN UNITS mm		X.X ±0.20	X.X* ±2*	GISELLE	25/JUN/22				
		X.XX ±0.15	X.XX* ±1*					DRAWN BY	DATE
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX* ±0.5*	HJP	25/JUN/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

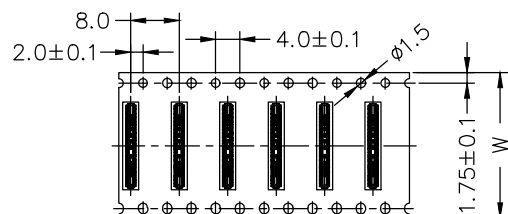


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- Note:
- 1.10 sprocket hole cumulative tolerance ± 0.2
 2. Carrier camber is within 1.0mm in 250mm
 3. Material: White conductive polystyrene Alloy 100% recyclable
 4. All dimensions meet EIA-481-3 requirements
 5. Peel off force of cover tape & carrier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

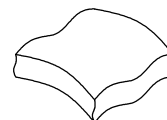
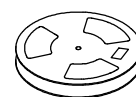


10~60P

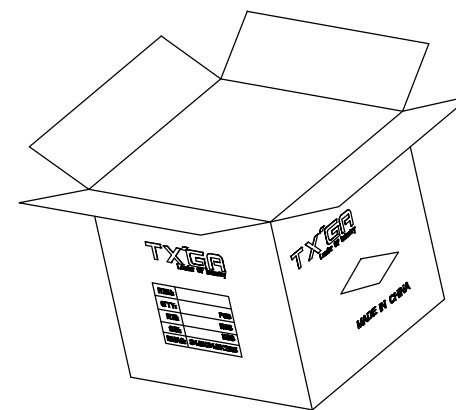


70~120P

Circuits (n)	Dimensions	
	W	C
10~30	16	—
34~60	24	—
70~80	32	28.4
90~120	44	40.4



Drying agent/pcs



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		X. $\pm$ 0.30	X.* $\pm$ 5°	CHECKED BY	DATE	TITLE					
DESIGN UNITS mm		X.X $\pm$ 0.20	X.X* $\pm$ 2°	GISELLE	25/JUN/22	Board to Board Pitch 0.4mm 180°Vertical (SMT)		REV 0		SHEET NO. 3/3	
		X.XX $\pm$ 0.15	X.XX* $\pm$ 1°	DRAWN BY	DATE						
SCALE 1:1	SIZE A4	X.XXX $\pm$ 0.10	X.XXX* $\pm$ 0.5°	HJP	25/JUN/22	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					