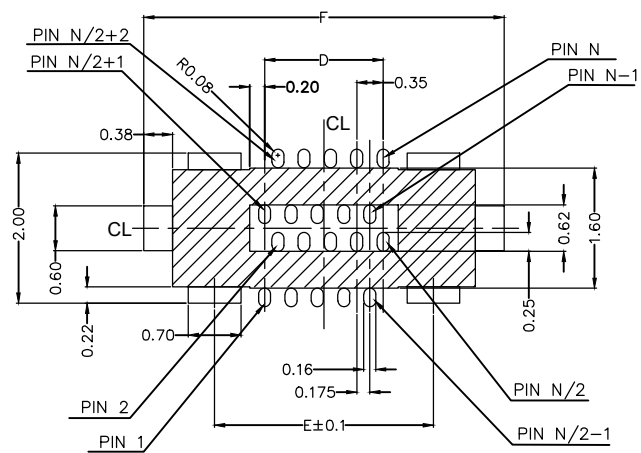
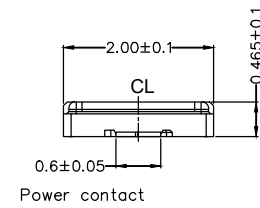
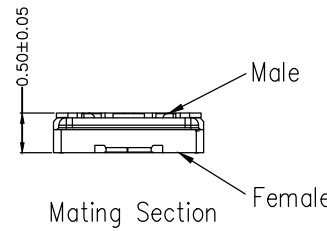
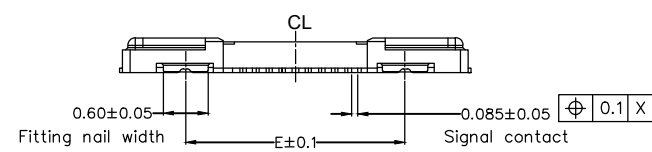
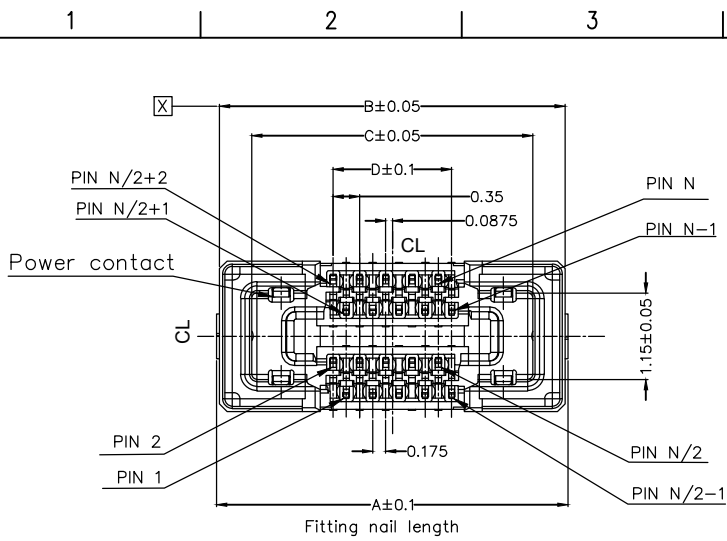




Recommended P.C.Board Layout
General tolerances:±0.05

Soldering prohibited area when wiring is located
the wiring must be masked by cover lay or resist film

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical
Current Rating: 5A AC(rms)/DC(Power Pin)
0.3A AC(rms)/DC(Signal Pin)
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 15 mΩ Max(Power Pin)
35 mΩ Max(Signal Pin)
Insulation Resistance: 100 MΩ Min
Withstanding Voltage: 100V AC r.m.s
Operating Temperature: -40°C~+85°C
Material and plating
Housing:LCP (UL 94V-0)
Contacts:Copper alloy/Au4u" Min on contact area,
Au2u"Min on contact area , Ni 50u"Min all over.

Circuits (n)	Part NO.	Dimensions					
		A	B	C	D	E	F
20	FBB03503-F20S1XX3BKM	4.68	4.60	3.74	1.575	2.915	4.795
64	FBB03503-F64S1XX3BKM	8.53	8.45	7.59	5.425	6.765	8.645

Ordering Information

FBB 035 03 — F XX S 1 XX 3 BK M
1 2 3 4 5 6 7 8 9 10 11

1	Category FBB-Board To Board	2	Series Number 035-Pitch0.35mm	3	Distinction No. 03	4	Type F-Female	5	Circuits XX	6	Entry Angle S-180°Vertical
7	Plating 1-Gold plated	8	thickness of Gold Plating 04-0.1μm	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 18/JUN/22	PART NO. FBB03503-FXXS1XX3BKM	ITEM NO. FBB03503	 Building Technology Cornerstone		
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 0.35mm 180°Vertical (SMT)				
DESIGN UNITS mm		X.X ±0.20	X.X* ±2°	GISELLE	18/JUN/22		REV 0			SHEET NO. 1/2
		X.XX ±0.15	X.XX* ±1°	DRAWN BY	DATE					
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX* ±0.5°	HJP	18/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				

1

2

3

4

5

6

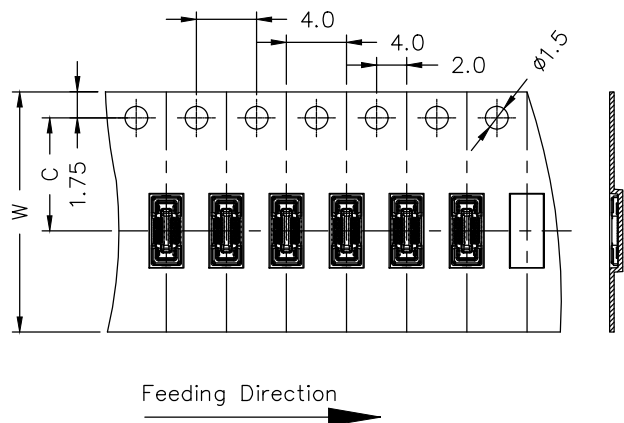
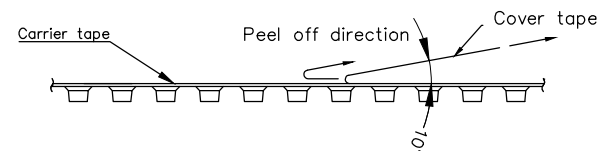
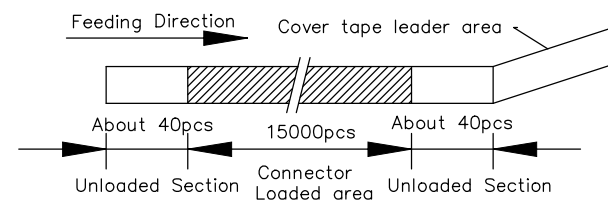
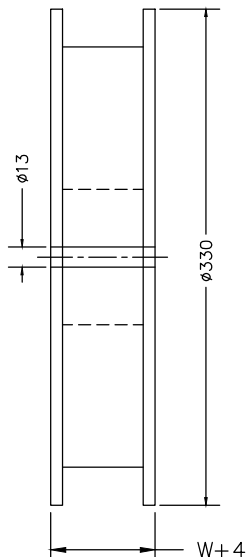
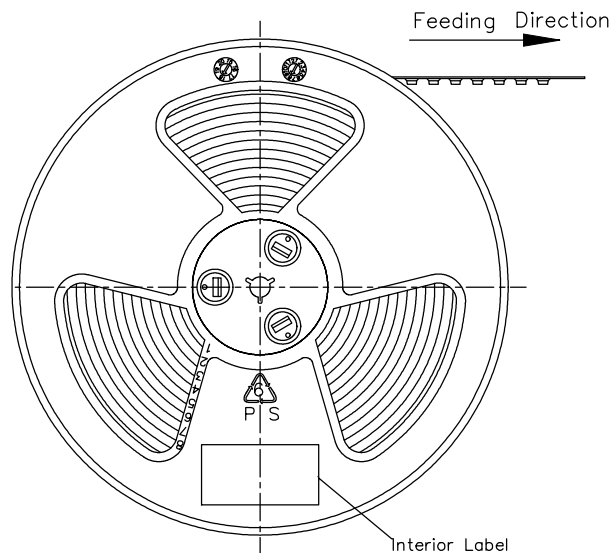
7

8

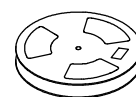
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Note:

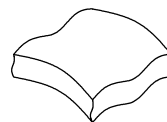
- 1.10 sprocket hole cumulative tolerance ± 0.2
2. Carrier camber is within 1.0mm in 250mm
3. Material: White conductive polystyrene Alloy 100% recyclable
4. All dimensions meet EIA-481-3 requirements
5. Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
6. Component load per 13" reel: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



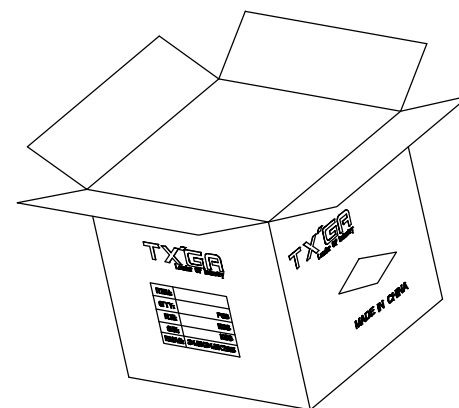
Circuits (n)	Dimensions	
	W	C
20	16	7.5
64	24	11.5



PE Bag



Drying agent/pcs



 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 18/JUN/22	PART NO. FBB03503-FXXS1XX3BKM	ITEM NO. FBB03503	 Building Technology Cornerstone			
DESIGN UNITS mm		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Board to Board Pitch 0.35mm 180°Vertical (SMT)		REV 0		SHEET NO. 2/2	
		X.X ±0.20	X.X* ±2°	GISELLE	18/JUN/22						
		SCALE 1:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY HJP	DATE 18/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°								

1 2 3 4 5 6 7 8