

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

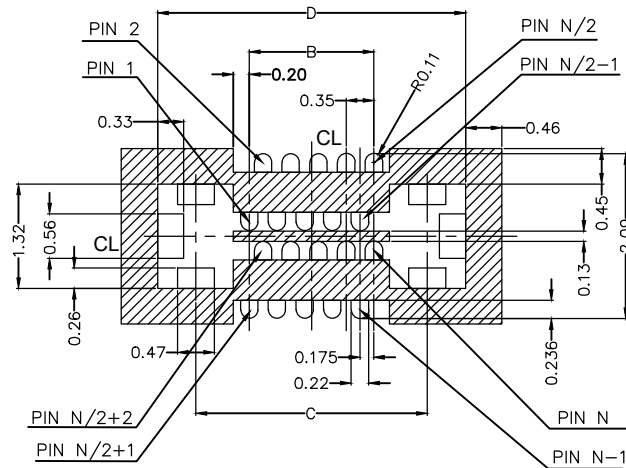
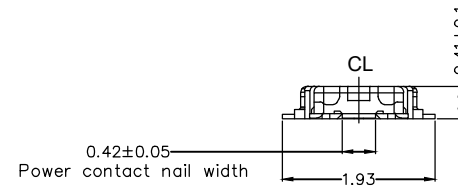
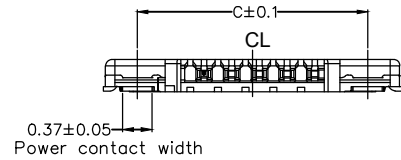
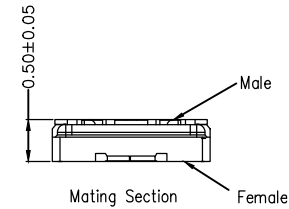
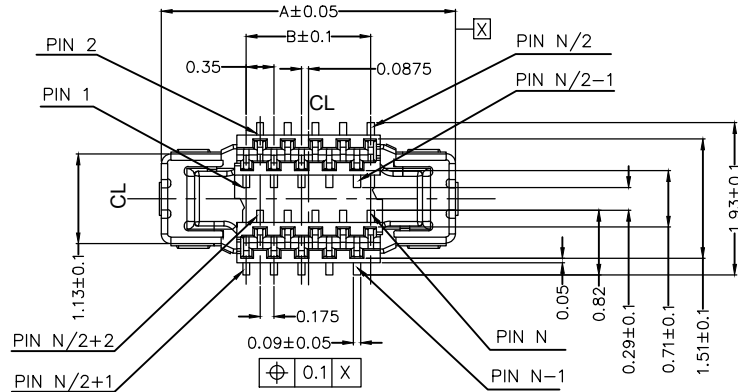
Withstanding Voltage: 100V AC r.m.s

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.



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

Circuits (n)	Part NO.	Dimensions			
		A	B	C	D
20	FBB03503-M20S1XX3BKM	3.72	1.575	2.915	3.895
64	FBB03503-M64S1XX3BKM	7.57	5.425	6.775	7.745

Ordering Information

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

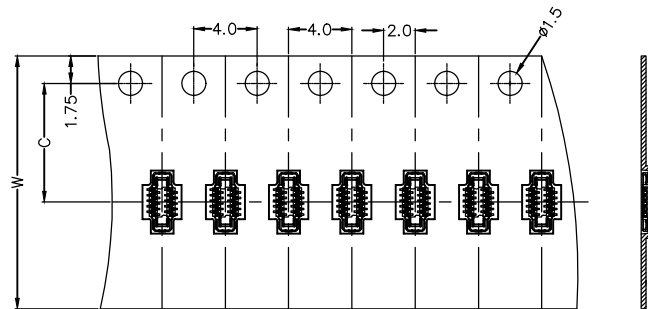
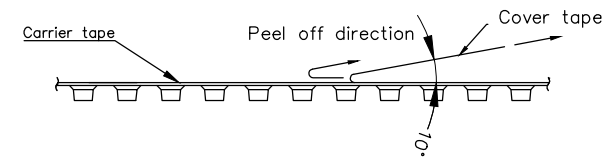
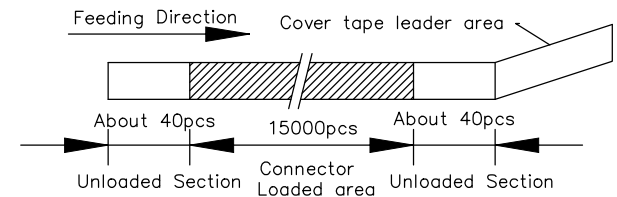
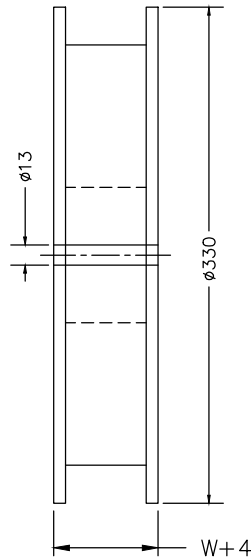
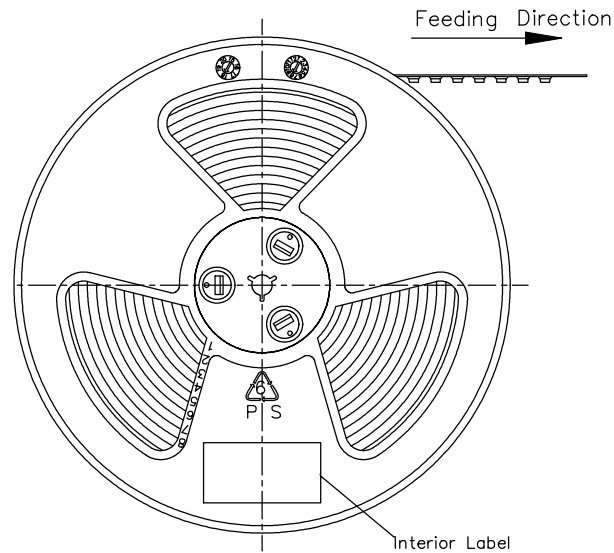
1	Category FBB-Board To Board	2	Series Number 035-Pitch0.35mm	3	Distinction No. 03	4	Type M-Male	5	Circuits XX	6	Entry Angle S-180°Vertical
7	Plating 1-Gold plated	8	thickness of Gold Plating 04-0.1μm	9	Material-Resin 3-LCP	10	Color-Resin BK-Black	11	Packaging M-Reel		

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 18/JUN/22	PART NO. FBB03503-MXXS1XX3BKM	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	
		X.XX ±0.15	X.XX' ±1°	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			
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5°	HJP	18/JUN/22				

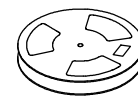
1 2 3 4 5 6 7 8

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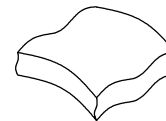
Note:
1.10 sprocket hole cumulative tolerance ± 0.2
2.Carrier camber is within 1.0mm in 250mm
3.Material: White conductive polystyrene Alloy 100% recyclable
4.All dimensions meet EIA-481-3 requirements
5.Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
6.Component load per 13" reel: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



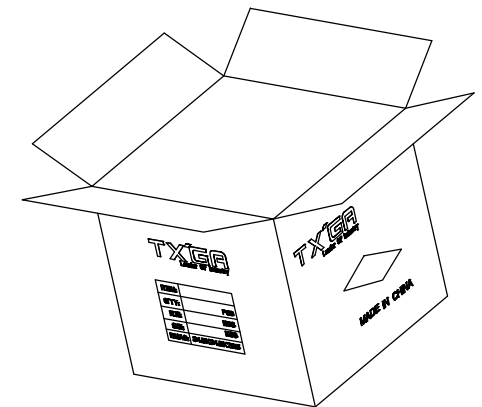
Circuits (n)	Dimensions	
	W	C
20	16	7.5
64	24	11.5



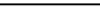
PE Bag



Drying agent/pcs



Feeding Direction

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 18/JUN/22	PART NO. FBB03503-MXXS1XX3BKM	ITEM NO. FBB03503	 Building Technology Cornerstone	
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		X.XXX ±0.10	X.XXX* ±0.5°	HJP	18/JUN/22				

1 2 3 4 5 6 7 8