

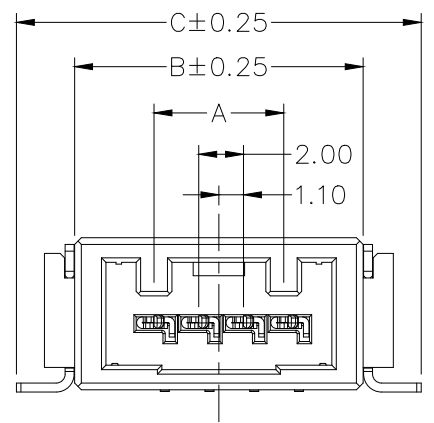
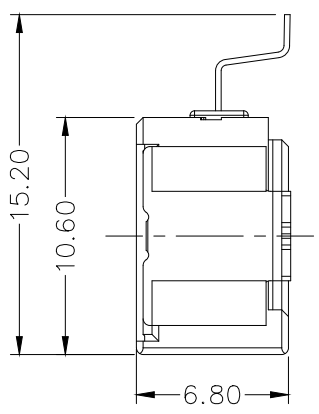
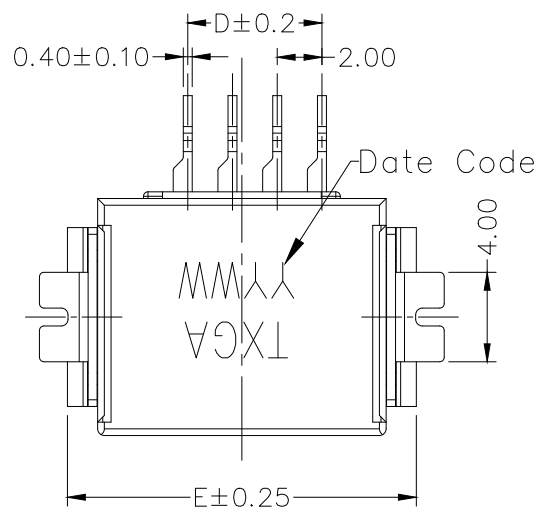
Circuits (n)	Part No.	Dimensions					
		A	B	C	D	E	F
2	FAS20001-S02B7XX3BKMA	2.00	9.0	14.1	2.0	11.6	15.8
4	FAS20001-S04B7XX3BKMA	6.00	13.0	18.1	6.0	15.6	19.8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical
 Current Rating: 3.0A AC(rms)/DC
 Voltage Rating: 50V AC(rms)/DC
 Contact Resistance: 30 mΩ Max
 Insulation Resistance: 100 MΩ Min
 Withstanding Voltage: 1000V AC r.m.s
 Temperature Range-Operating: -40°C~+125°C

Material and Plating
 Housing: LCP (UL 94V-0), Black
 Terminal: Copper alloy, Selective gold on contact area, matte tin on tail
 Solder tab: Brass, Tin plated
 Mates With Housing: FAH20001 Series



Ordering Information

FAS 200 01 - S XX B 7 XX 3 BK M A
 1 2 3 4 5 6 7 8 9 10 11

1	Category FAS-Socket	2	Pitch 200-Pitch 2mm	3	Distinction No. 01	4	Row Option S-Single row	5	Circuits XX	6	Orientation B-Right angle(90°)
7	Plating 7-Gold on contact, matte tin on tail	8	Plating Thickness 01-1μ" 05-5μ" 10-10μ" 15-15μ" 30-30μ"	9	Material-Resin 3-LCP	10	Color BK-Black	11	Packaging M-Reel		

 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE 1:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 04/JUL/22	PART NO. FAS20001-SXXB7XX3BKMX	ITEM NO. FAS20001	 Building Technology Cornerstone REV 0 SHEET NO. 1/3
	X. ±0.30	X.* ±5*	CHECKED BY GISELLE	DATE 04/JUL/22	TITLE Automotive Connector (WTB) Pitch 2mm SMT (Socket)	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	X.XX ±0.20	X.X* ±2*	DRAWN BY PYD	DATE 04/JUL/22			

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

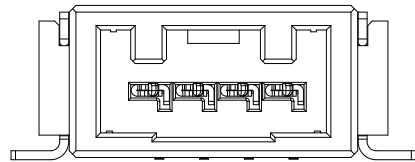
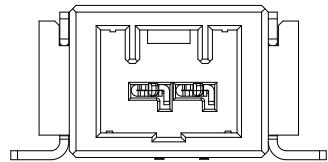
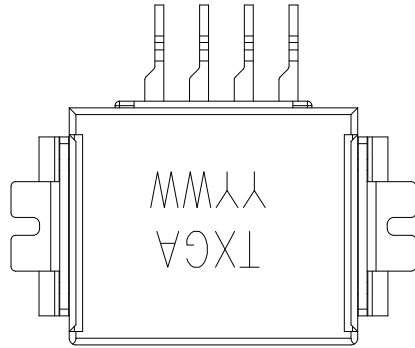
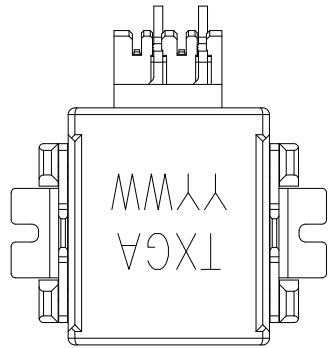
B

C

D

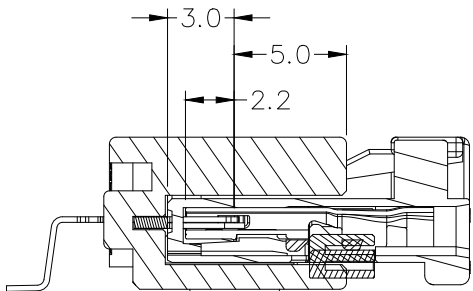
E

F

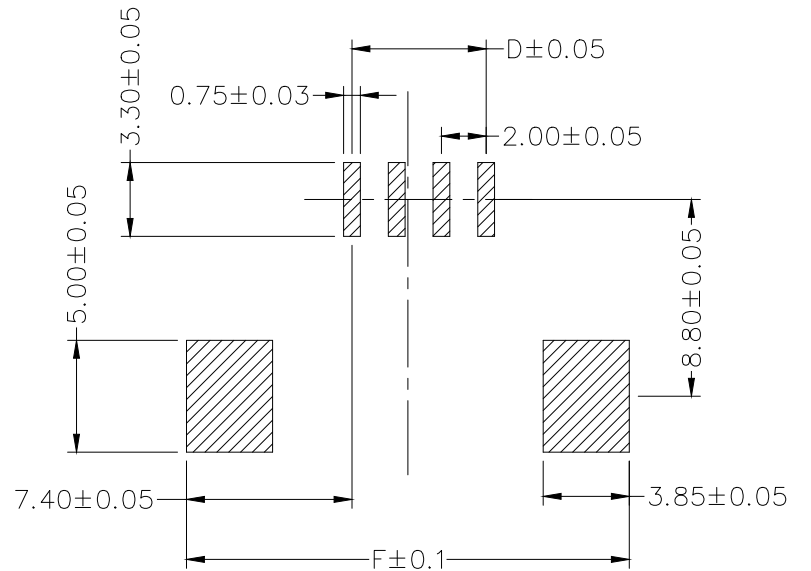


2 Circuits

4 Circuits—Type A



Assembly



Recommended P.C.Board Layout

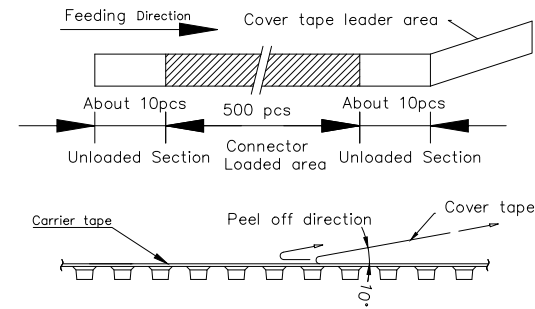
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.* ±5*	LEO	04/JUL/22	FAS20001-SXXB7XX3BKMX	FAS20001		
	DESIGN UNITS mm	X.X ±0.20	X.X* ±2*	CHECKED BY	DATE	TITLE		REV 0 SHEET NO. 2/3
	SCALE 1:1	X.XX ±0.15	X.XX* ±1*	GISELLE	04/JUL/22	Automotive Connector (WTB) Pitch 2mm SMT (Socket)		
SIZE A4	X.XXX ±0.10	X.XXX* ±0.5*	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			
			PYD	04/JUL/22				

1 2 3 4 5 6 7 8

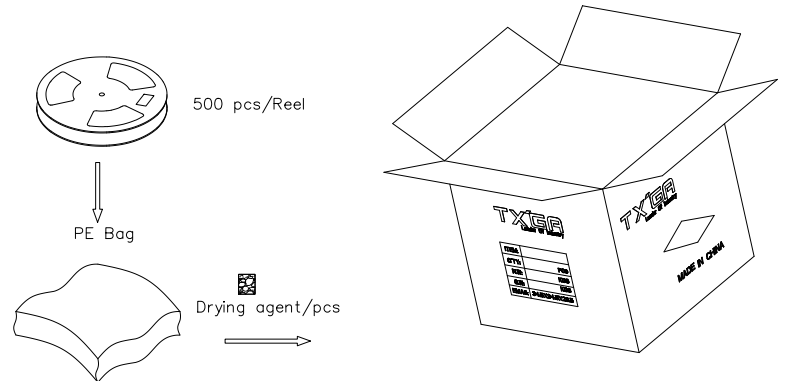
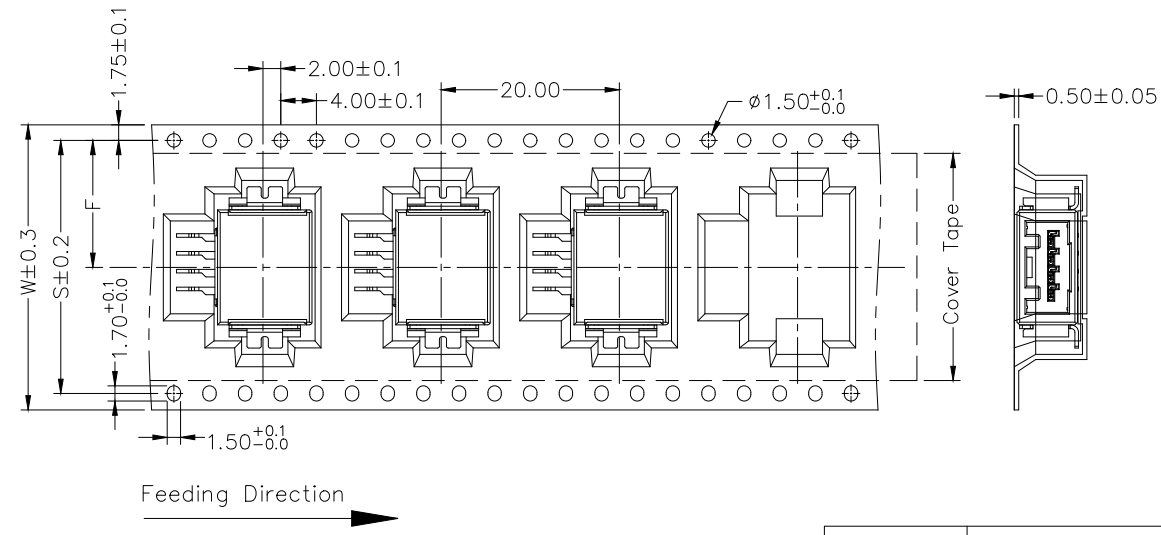
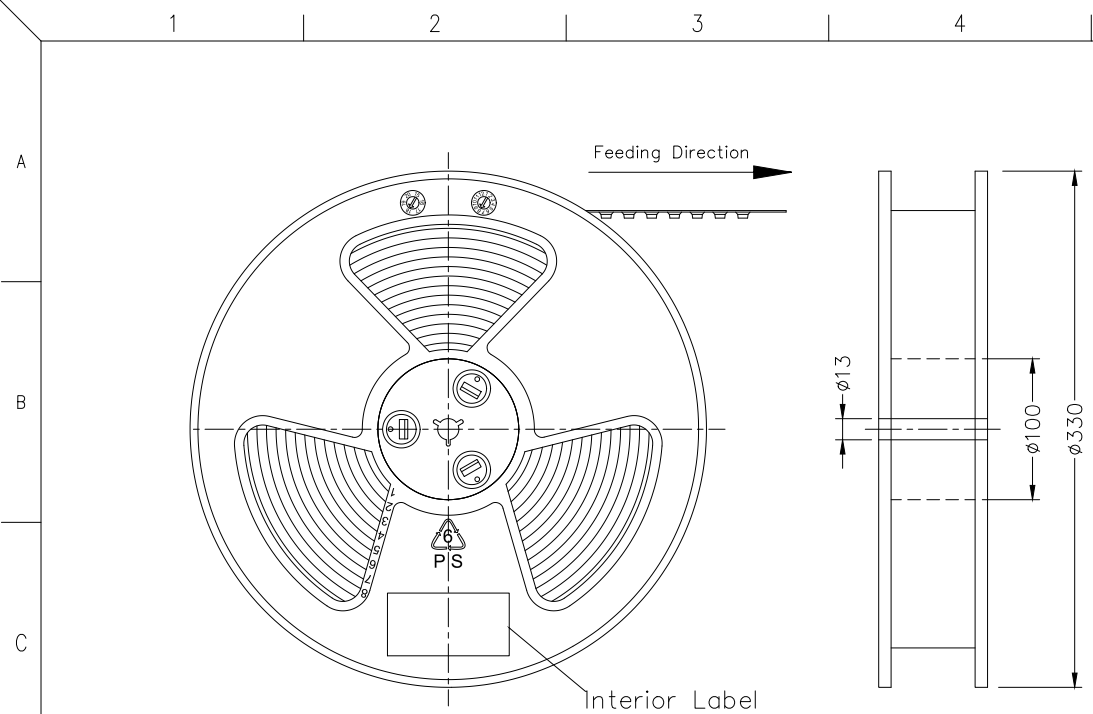
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Note:

- 10 sprocket hole cumulative tolerance ± 0.2
- Carrier camber is within 1.0mm in 250mm
- Material: Clear conductive polystyrene Alloy 100% recyclable
- All dimensions meet EIA-481-3 requirements
- Peel off force of cover tape & carrier tape: 20g~130g (0.2N~1.3N)
- Component load per 13" reel: 500 pcs



Circuits (n)	Dimensions		
	W	S	F
2-4	32.0	28.5	14.2



 THIRD ANGLE PROJECTION DESIGN UNITS mm SCALE NTS SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone REV 0 SHEET NO. 3/3
	X. ± 0.30	X.* $\pm 5^*$	LEO	04/JUL/22	FAS20001-SXXB7XX3BKMX	FAS20001	
	X.X ± 0.20	X.X* $\pm 2^*$	CHECKED BY	DATE	TITLE		
	X.XX ± 0.15	X.XX* $\pm 1^*$	GISELLE	04/JUL/22	Automotive Connector (WTB) Pitch 2mm SMT (Socket)		
X.XXX ± 0.10	X.XXX* $\pm 0.5^*$	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			
		PYD	04/JUL/22				