

Circuits (n)	Part No.	Dimensions							
		A	B	C	D	E	F	G	H
8	FAS20004-D08S7XX3BKM	15.6	14	10.3	13	10.1	6	16	15.7
12	FAS20004-D12S7XX3BKM	19.6	18	14.3	17	14.1	10	20	19.7
24	FAS20004-D24S7XX3BKM	31.6	30	26.3	29	26.1	22	32	31.7

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

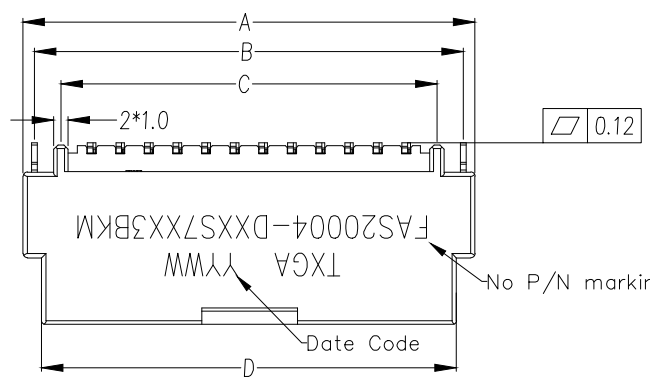
SPECIFICATIONS

Electrical

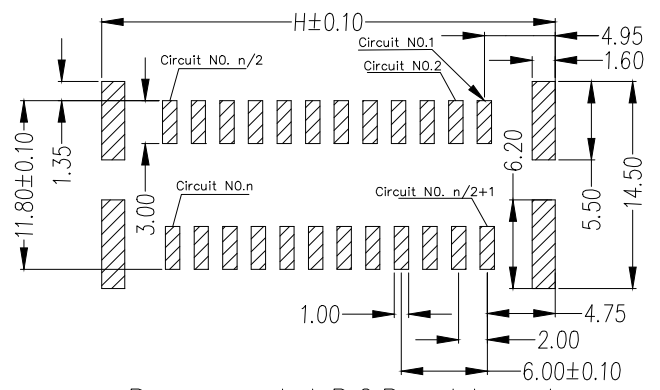
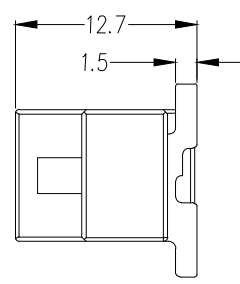
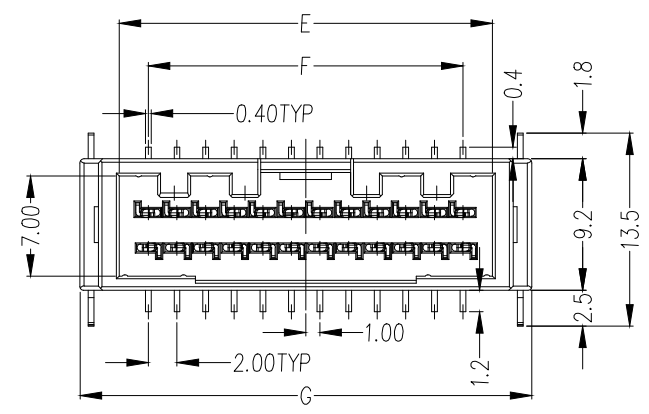
Current Rating: 3.0A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 100 MΩ Min
Withstanding Voltage: 1000V AC r.m.s
Temperature Range-Operating: -40°C~+125°C

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: FAH20002 Series



No P/N marking: <20 pin



Recommended P.C.Board Layout

Ordering Information

FAS 200 04 - D XX S 7 XX 3 BK M
1 2 3 4 5 6 7 8 9 10 11

1 Category FAS-Socket	2 Pitch 200-Pitch 2mm	3 Distinction No. 04	4 Row Option D-Dual row	5 Circuits XX	6 Orientation S-Vertical(180°)
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	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 04/JUL/22	PART NO. FAS20004-DXXS7XX3BKM	ITEM NO. FAS20004	 Building Technology Cornerstone
	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 04/JUL/22	TITLE Automotive Connector (WTB) Pitch 2mm SMT (Socket)		
	DESIGN UNITS mm	X.X ±0.20	X.X* ±2°	DRAWN BY PYD	DATE 04/JUL/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

A

A

B

B

C

C

D

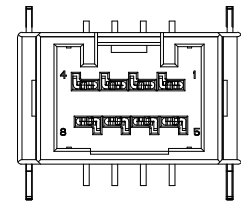
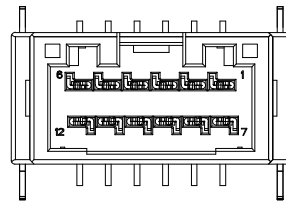
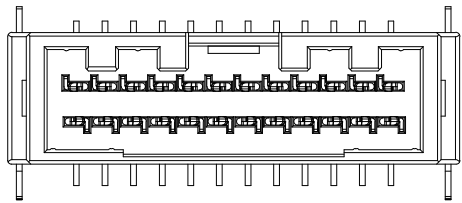
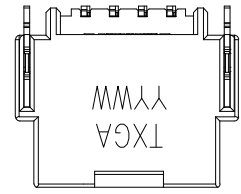
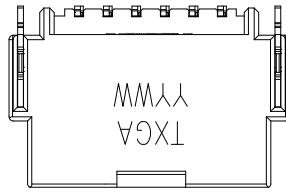
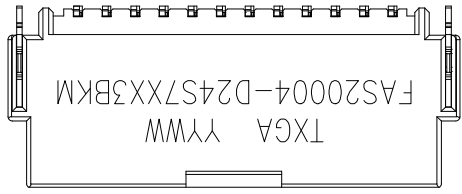
D

E

E

F

F



24PIN

12PIN

8PIN

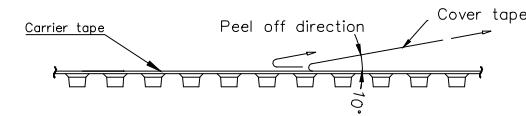
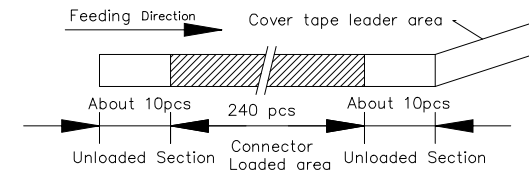
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.* ±5*	LEO	04/JUL/22	FAS20004-DXXS7XX3BKM	FAS20004		
	DESIGN UNITS mm	X.X ±0.20	X.X* ±2*	CHECKED BY	DATE	TITLE		REV 0 SHEET NO. 2/3
	SCALE 1:1	X.XX ±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

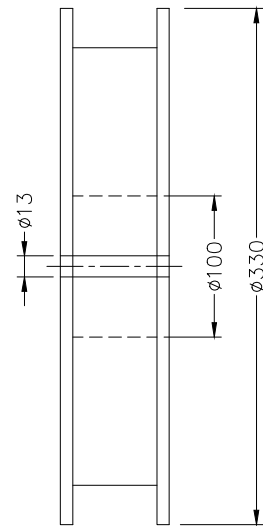
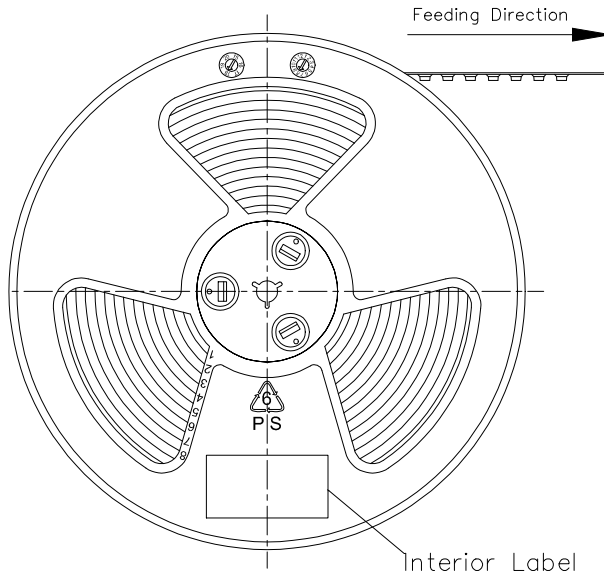
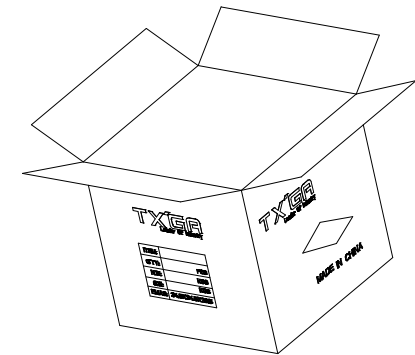
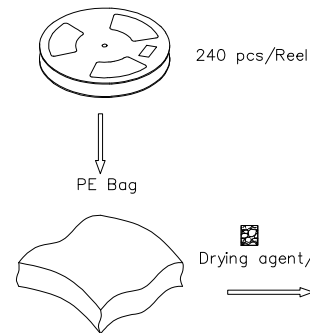
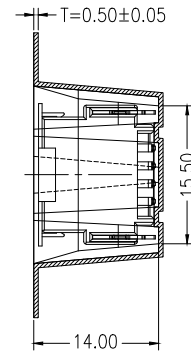
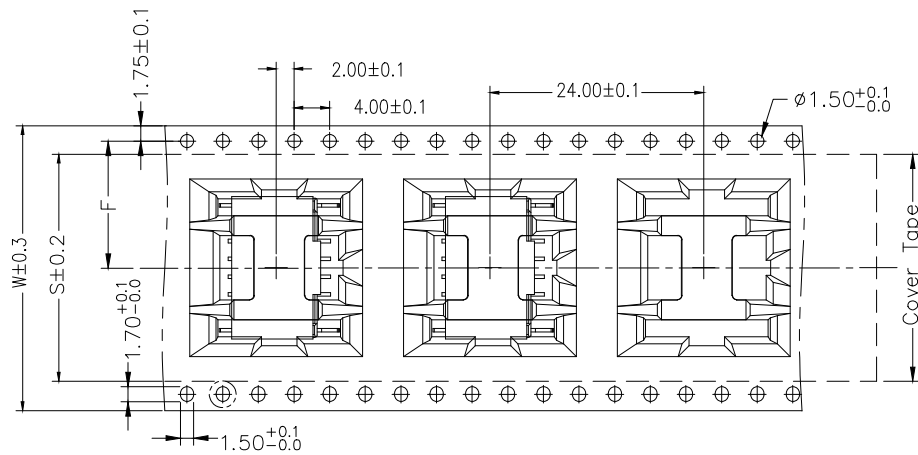
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

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: 240 pcs



Circuits (n)	Dimensions		
	W	S	F
8	32.0	28.5	14.2
12-24	44	40.5	20.2



 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone		
	X. ±0.30	X.* ±5'	LEO	04/JUL/22	FAS20004-DXXS7XX3BKM	FAS20004			
	DESIGN UNITS mm	X.X ±0.20	X.X* ±2'	CHECKED BY	DATE	TITLE		REV 0	SHEET NO. 3/3
	SCALE NTS	X.XX ±0.15	X.XX* ±1'	GISELLE	04/JUL/22	Automotive Connector (WTB) Pitch 2mm SMT (Socket)			
	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					