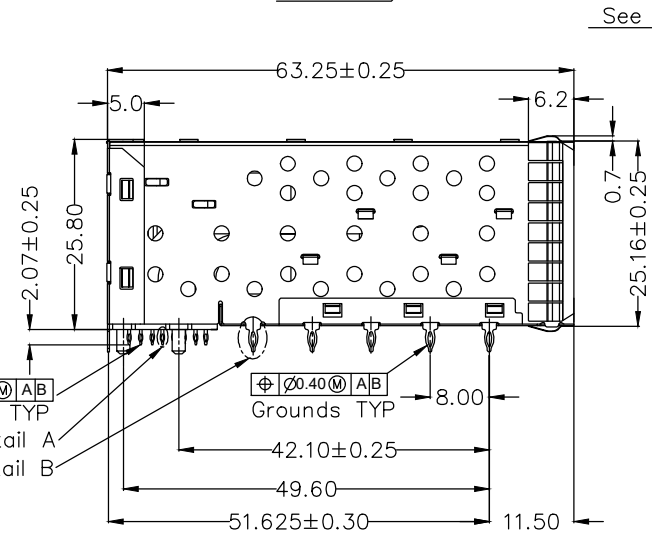
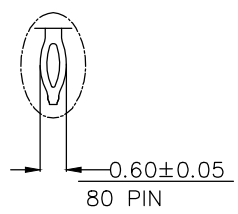
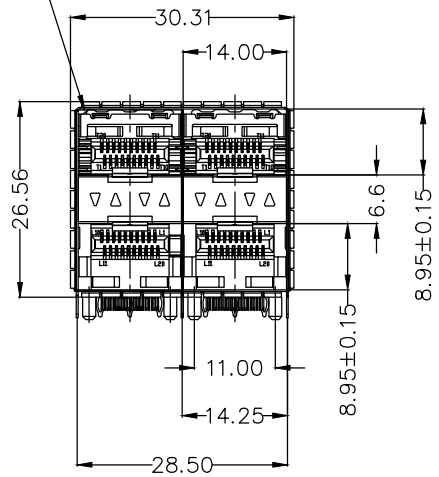


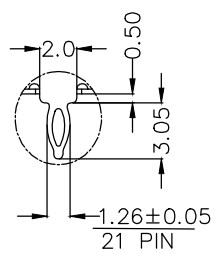
Date Code



See Detail A1



Detail A
Scale 10:1



Detail B
Scale 5:1

SPECIFICATIONS

Electrical

Current Rating: 0.5A AC(rms)/DC
Voltage Rating: 30V AC(rms)/DC
Contact Resistance: 80 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 300V AC r.m.s
Operating Temperature: -40°C~+85°C
Storage Temperature: -55°C~+105°C

Material and plating

Housing: LCP (UL 94V-0) Black
Moulded Insert: High Temperature Plastic (UL 94V-0) Black
Light Pipes: PC (UL 94V-0) Clear
Light Pipe Housing: PBT (UL 94V-0) Black
Contacts: Copper Alloy/Selective gold plated on contact area and matte tin plated on tails area
Cage: Copper Alloy/Nickel plating

Mechanical Requirement

Durability: 100 Cycles Min
Insertion and Extraction Force: 40N Max & 12.5N Max

Ordering Information

FSFPA	001	—	04	F	7	XX	S	X	0
1	2	3	4	5	6	7	8		

1	Form factor FSFPA-SFP+	2	Model serial num 001	3	Port Configuration 04-4 Ports	4	Mounting Style F-Through hole press-fit
5	Plating 7-Selective gold plated on contact area and matte tin plated on tails area	6	Plating Thickness 15-0.375μm 30-0.75μm	7	Cage S-With cage	8	Light Pipes 0-Without lightpipe 1-With inner and outer lightpipes 2-With inner lightpipes 3-With outer lightpipes

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	 Building Technology Cornerstone			
				LEO	16/Jun/22	FSFPA001-04F7XXSX0	FSFPA001				
DESIGN UNITS METRIC(mm)		X. ±0.30	X.* ±5*	CHECKED BY	DATE	TITLE Small Form-factor Pluggable Plus 90°Angle				REV 0	SHEET NO. 1/5
		X.X ±0.20	X.X* ±2*	GISELLE	16/Jun/22						
SCALE 5:1		SIZE A4		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			
				X.XXX ±0.10	X.XXX* ±0.5*	HJP	16/Jun/22				

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

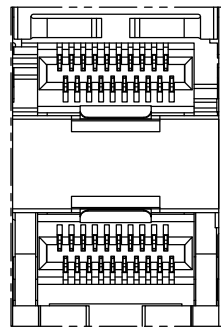
B

C

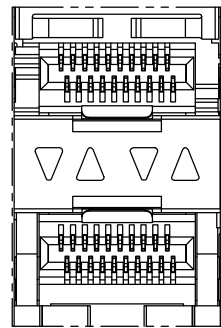
D

E

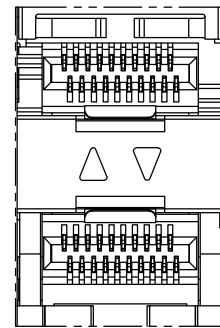
F



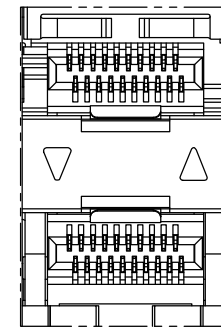
0-Without lightpipe



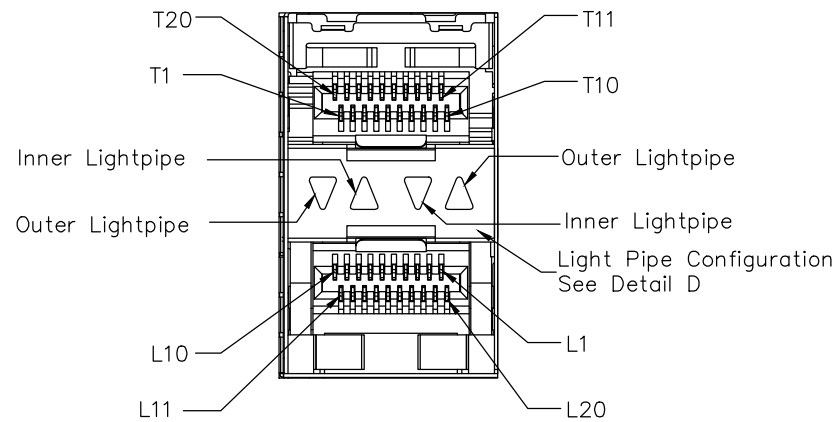
1-With inner and outer lightpipes



2-With inner lightpipes



3-With outer lightpipes



Detail A1
Scale 4:1

Light Pipe Configuration
Detail D Scale2:1

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 16/Jun/22	PART NO. FSFPA001-04F7XXSX0	ITEM NO. FSFPA001		
	X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Small Form-factor Pluggable Plus 90°Angle		Building Technology Cornerstone	
DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X* ±2°	GISELLE	16/Jun/22			REV 0	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY HJP	DATE 16/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

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

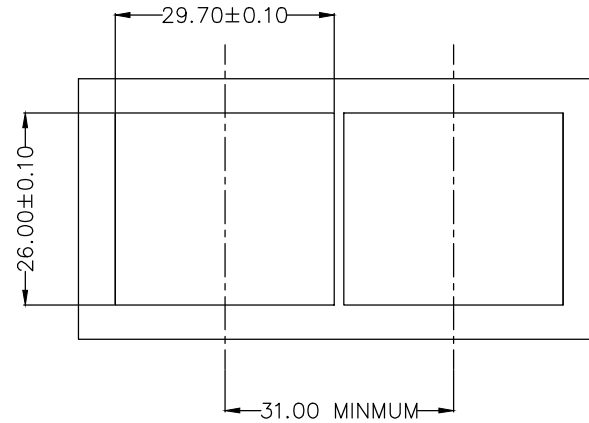
B

C

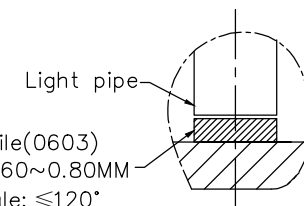
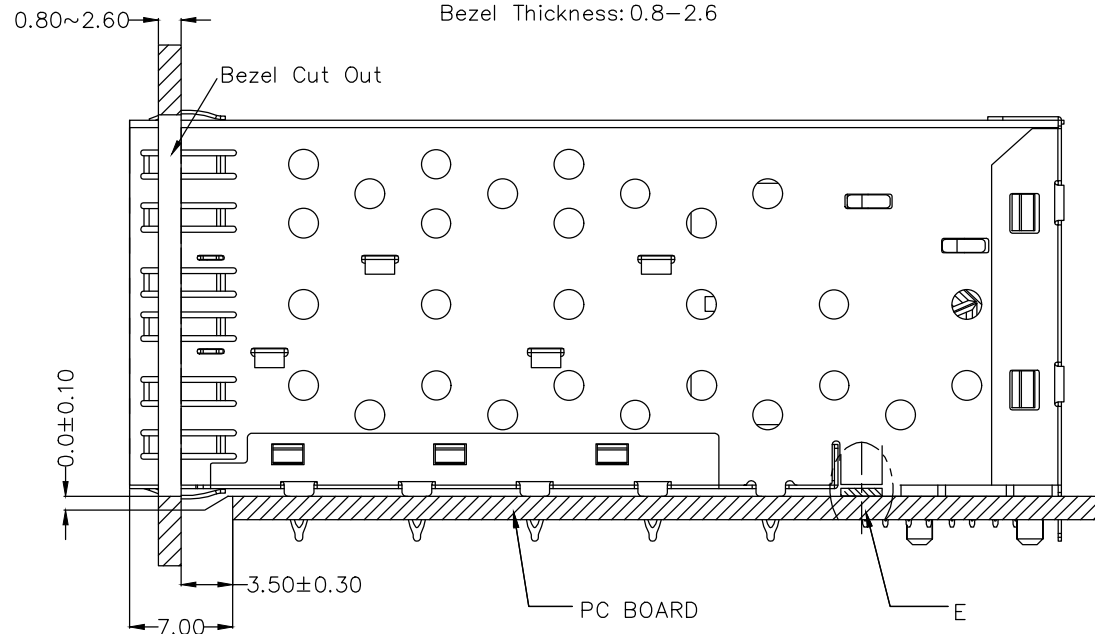
D

E

F

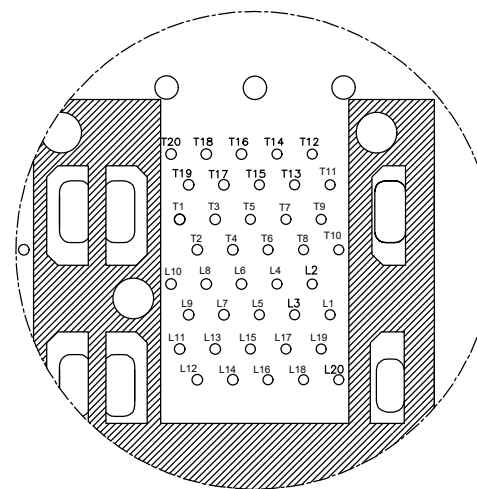
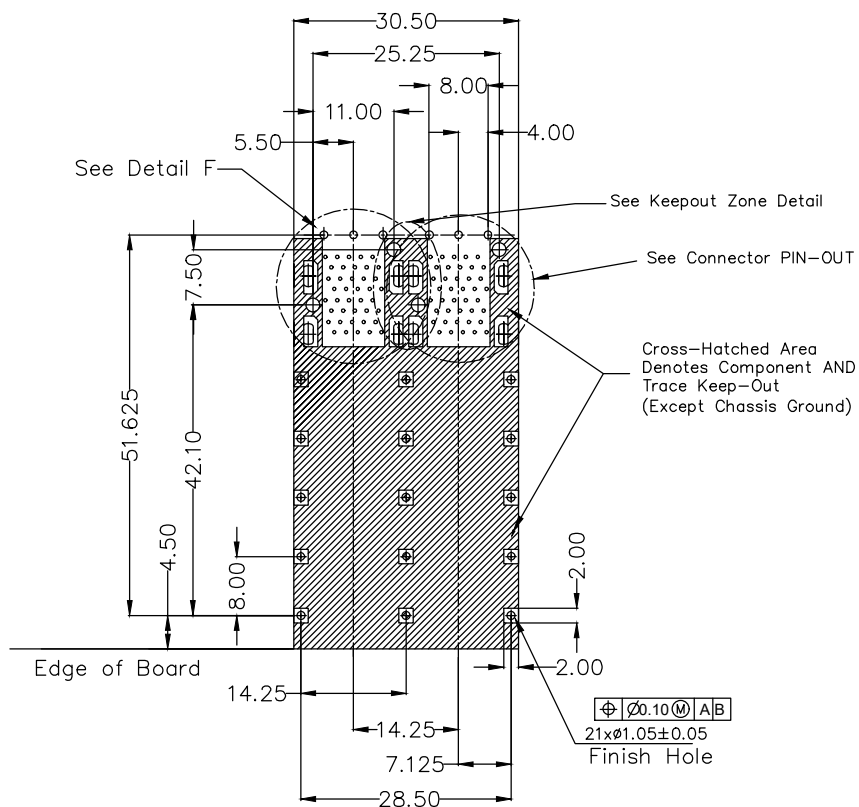


Bezel Cut-out Center Spacing Detail
Bezel Thickness: 0.8~2.6



Detail E
Scale 4:1

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 16/Jun/22	PART NO. FSFPA001-04F7XXSX0		ITEM NO. FSFPA001		 Building Technology Cornerstone			
DESIGN UNITS METRIC(mm)		X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 16/Jun/22	TITLE Small Form-factor Pluggable Plus 90°Angle				REV 0		SHEET NO. 3/5	
SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	DRAWN BY HJP	DATE 16/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°										



Connector PIN-Out
Component Side of Board

RECOMMENDED PCB LAYOUT—COMPONENT SIDE
RECOMMENDED PCB THICKNESS—2.63MM
THE ENTIRE AREA OF THE CONNECTOR FOOTPRINT
TO BE CONSIDERED THE KEEP OUT AREA FOR COMPONENTS
(OTHER THAN LIGHT PIPE LED'S)
THIS AREA IS INDICATED BY THE DASHED LINE

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 16/Jun/22	PART NO. FSFPA001-04F7XXSX0	ITEM NO. FSFPA001	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5*	CHECKED BY	DATE	TITLE Small Form-factor Pluggable Plus 90°Angle			
DESIGN UNITS METRIC(mm)		X.X ±0.20	X.X* ±2*	GISELLE	16/Jun/22			REV 0	SHEET NO. 4/5
SCALE 5:1	SIZE A4	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			
		X.XXX ±0.10	X.XXX* ±0.5*	HJP	16/Jun/22				

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

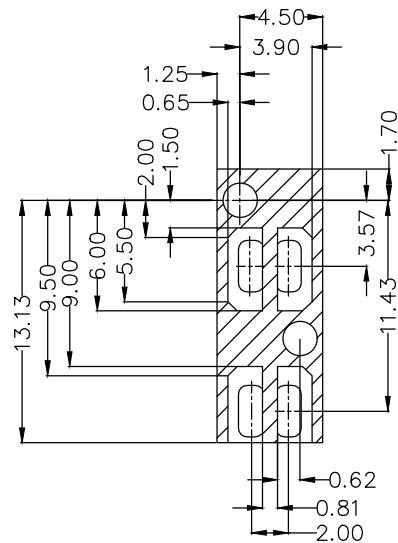
B

C

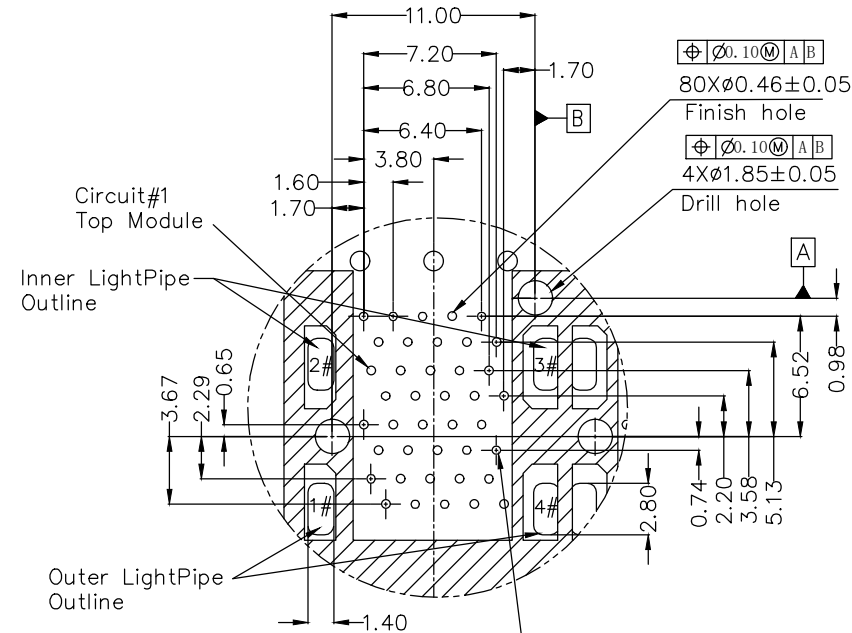
D

E

F



Keepout Zone
Detail Scale 5:1



Detail F
Scale 5:1

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 16/Jun/22	PART NO. FSFPA001-04F7XXSX0	ITEM NO. FSFPA001	 Building Technology Cornerstone	
		X. ±0.30	X.* ±5°	CHECKED BY	DATE	TITLE Small Form-factor Pluggable Plus 90°Angle			
DESIGN UNITS METRIC(mm)		X.X ±0.20	X.X* ±2°	GISELLE	16/Jun/22				
SCALE 5:1	SIZE A4	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			
		X.XXX ±0.10	X.XXX* ±0.5°	HJP	16/Jun/22				

1 2 3 4 5 6 7 8

A

B

C

D

E

F