

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

SPECIFICATIONS

Electrical

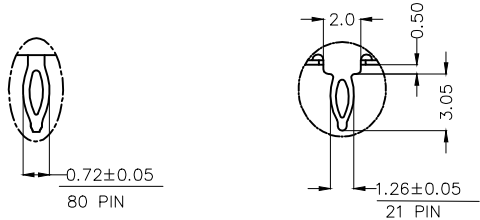
Current Rating: 0.5A AC(rms)/DC
 Voltage Rating: 30V AC(rms)/DC
 Contact Resistance: 80 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 300V AC r.m.s
 Operating Temperature: -40°C~+85°C
 Storage Temperature: -55°C~+105°C

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 30u"MIN

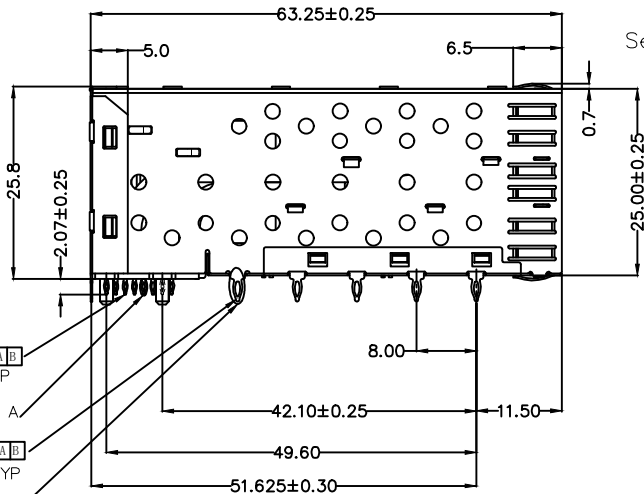
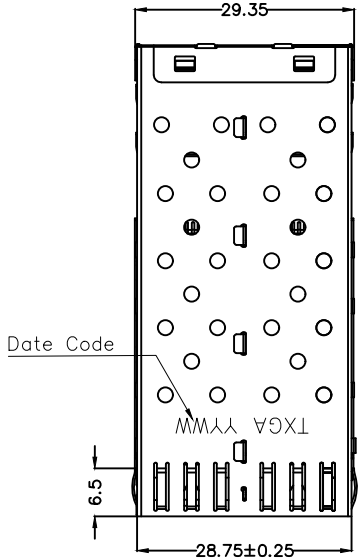
Mechanical Requirement

Durability: 100 Cycles Min
 Insertion and Extraction Force: 40N Max & 11.5N Max



Detail A
Scale 10:1

Detail B
Scale 5:1

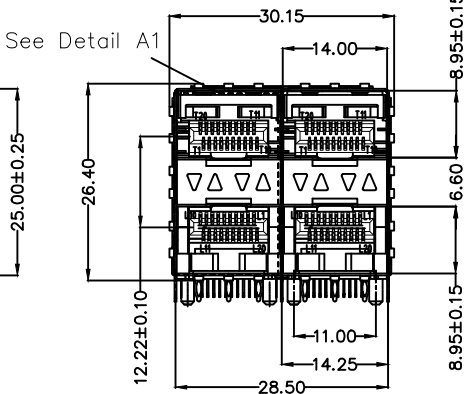


⌀0.25 A/B
Signals TYP

See Detail A

⌀0.40 A/B
Grounds TYP

See Detail B



Ordering Information

FSFPO 002 - 04 F 7 XX S X 0
 1 2 3 4 5 6 7 8

- | | | | |
|---|---|------------------------------------|---|
| 1 Form factor
FSFPO-SFP | 2 Model serial num
002 | 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
15-15u"
30-30u" | 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 |

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY LEO</p>	<p>DATE 19/Sept/23</p>	<p>PART NO. FSFP0002-04F7XXSX0</p>	<p>ITEM NO. FSFP0002</p>	<p>Building Technology Cornerstone</p>
	<p>DESIGN UNITS METRIC(mm)</p>	<p>X. ±0.30</p>	<p>X.* ±5*</p>	<p>CHECKED BY GISELLE</p>	<p>DATE 19/Sept/23</p>	<p>TITLE Small Form-factor Pluggable Pitch 0.8mm 90°Angle</p>	
<p>SCALE 5:1</p>	<p>SIZE A4</p>	<p>X.XX ±0.15</p>	<p>X.XX* ±1*</p>	<p>DRAWN BY Hejianpeng</p>	<p>DATE 19/Sept/23</p>	<p>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</p>	
						<p>REV 0</p>	<p>SHEET NO. 1/4</p>

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REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

B

C

D

E

F

A

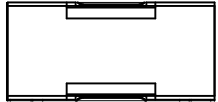
B

C

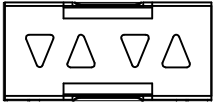
D

E

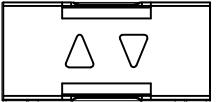
F



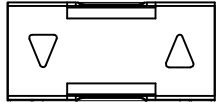
0-Without lightpipe



1-With inner and outer lightpipes

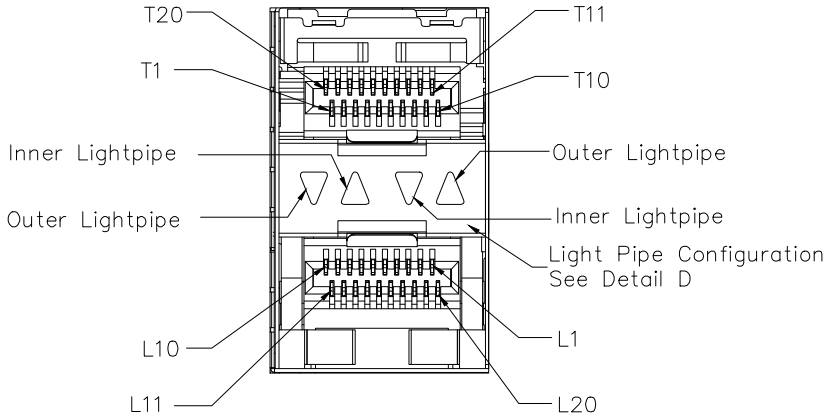


2-With inner lightpipes



3-With outer lightpipes

Light Pipe Configuration
Detail D Scale 2:1

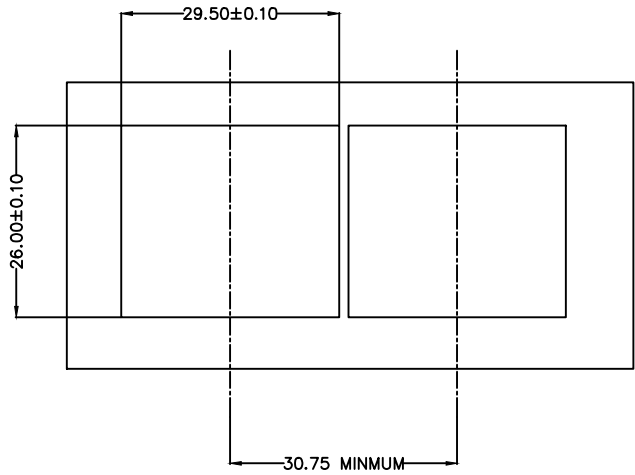


Detail A1
Scale 4:1

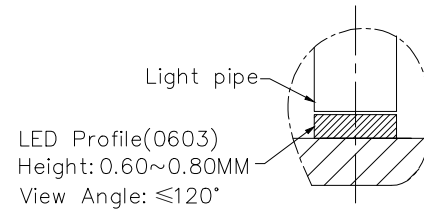
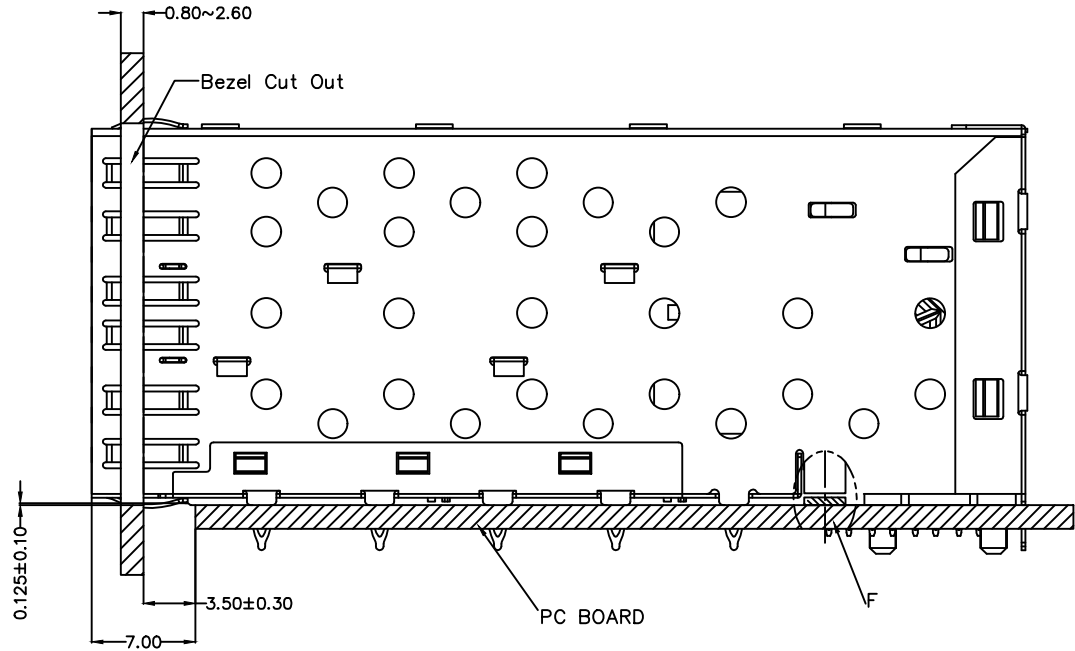
<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY LEO</p>	<p>DATE 19/Sept/23</p>	<p>PART NO. FSFP0002-04F7XXSX0</p>	<p>ITEM NO. FSFP0002</p>	<p>Building Technology Cornerstone</p>	
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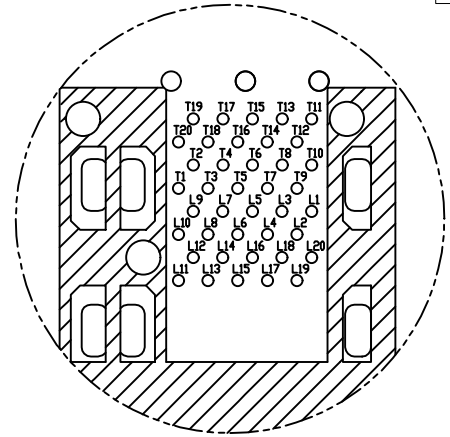
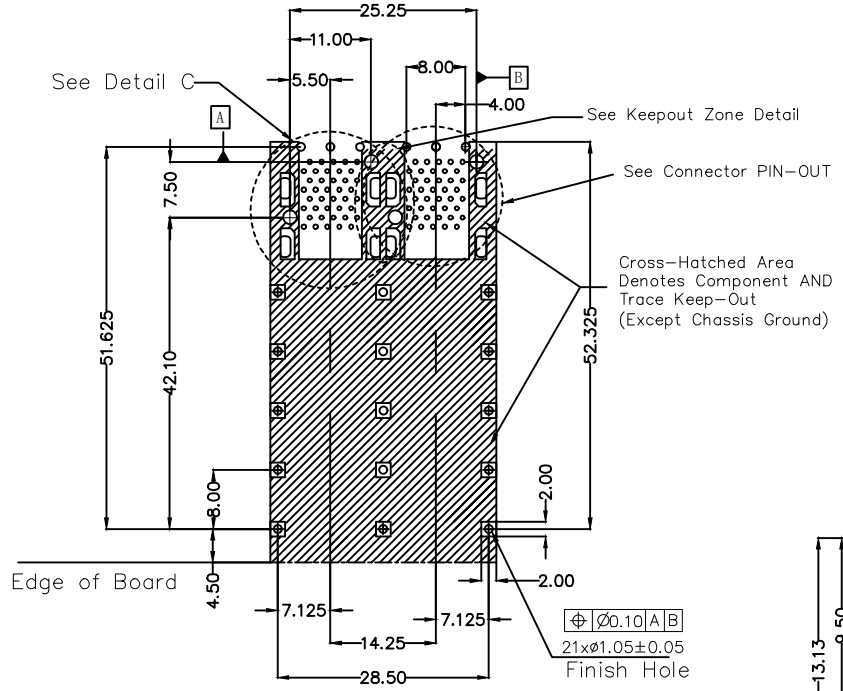
Bezel Cut-out Center Spacing Detail
Bezel Thickness: 0.8-2.6



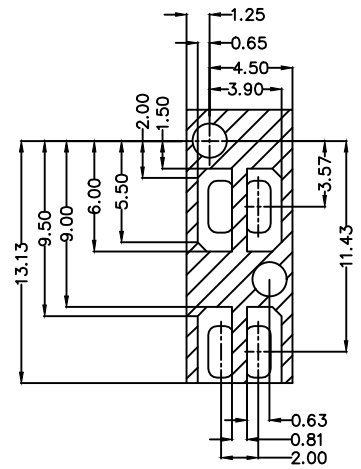
Detail F
Scale 4:1

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY</p> <p>LEO</p>	<p>DATE</p> <p>19/Sept/23</p>	<p>PART NO.</p> <p>FSFP0002-04F7XXSX0</p>	<p>ITEM NO.</p> <p>FSFP0002</p>	<p>Building Technology Cornerstone</p>
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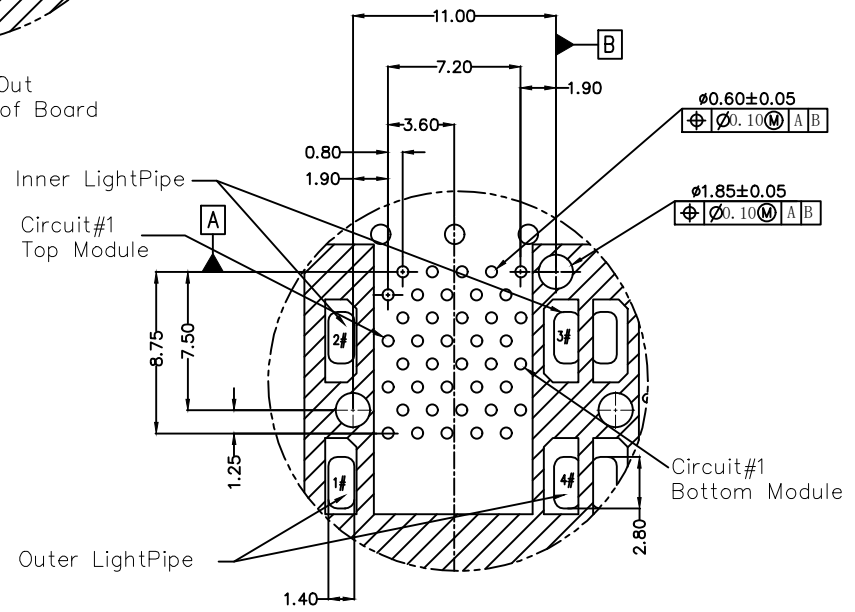
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Connector PIN-Out Component Side of Board



Keepout Zone Detail Scale 5:1



Detail C Scale 5:1

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

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