

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

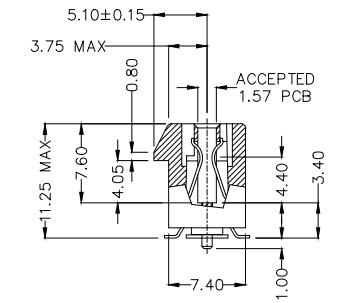
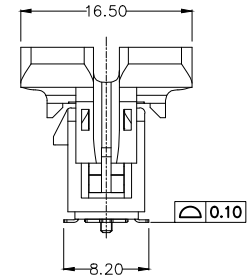
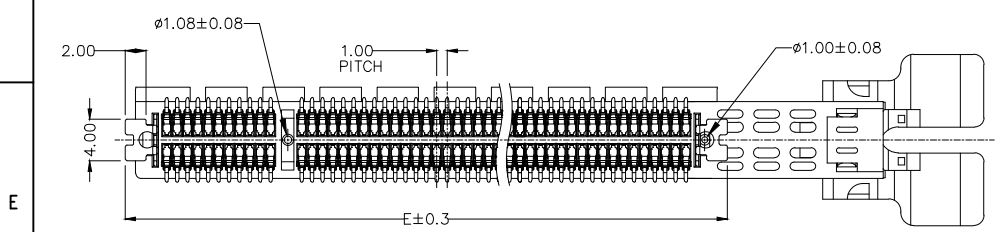
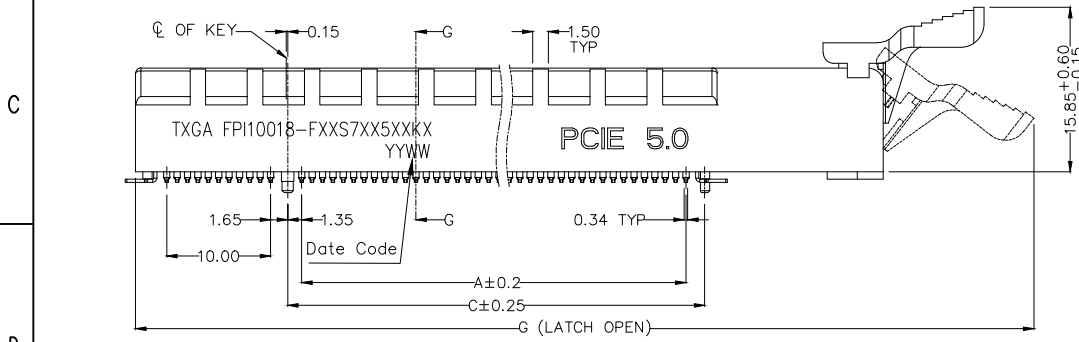
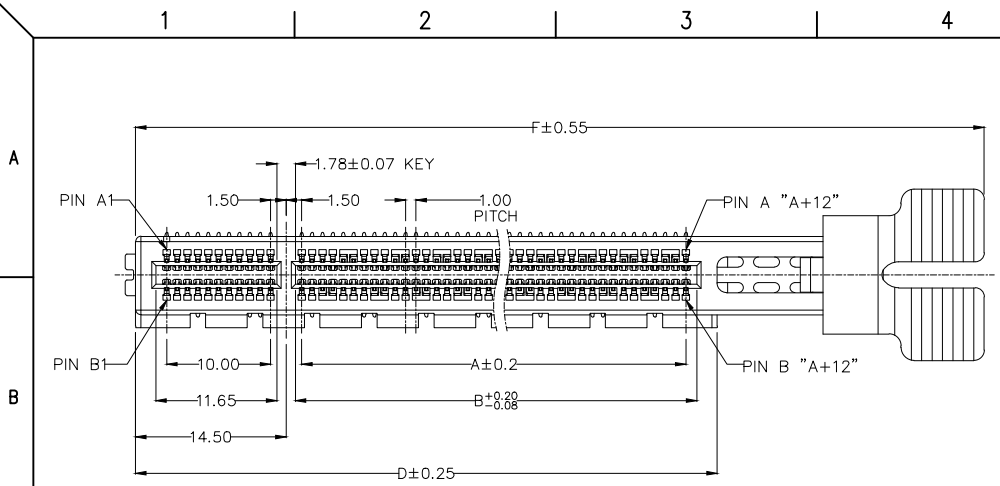
SPECIFICATION

Electrical

Current Rating: 1.1A AC(rms)/DC
Voltage Rating: 50V AC(rms)/DC
Contact Resistance: 30 mΩ Max
Insulation Resistance: 1000 MΩ MIN
Withstanding Voltage: 500V AC r.m.s
Temperature Range-Operating: -40°C~+85°C

Material

Housing: PA9T, (UL 94V-0)
Contact: Copper Alloy/Selective gold plated on contact area and matte tin plated on tails area
Pad: Copper Alloy/100u"Min.matte Tin Plated



SECTION G-G

Ordering Information

FPI 100 18 / F XX S 7 XX 5 XX K X
1 2 3 4 5 6 7 8 9 10 11 12

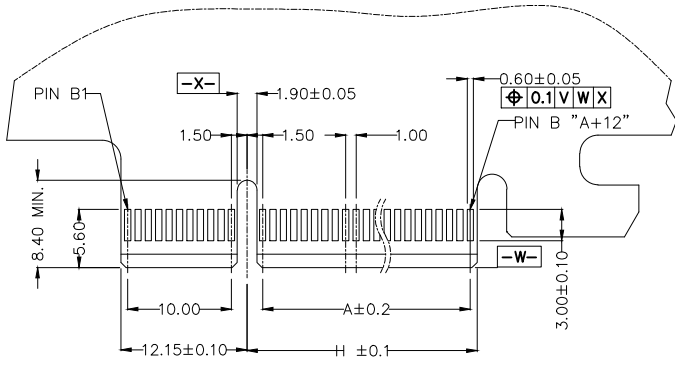
1 Category FPI-PCIE	2 Series Number 100-Pitch1.00mm	3 Distinction No. 18	4 Type F-Female	5 Circuits XX	6 Entry Angle S-180° Vertical	7 Plating 7-Selective gold plated on contact area and matte tin plated on tails area
8 thickness of Gold Plating 00-Gold Flash 15-15u" 30-30u"	9 Material-Resin 5-PA9T	10 Color-Resin BA-Black HSG,Natural Latch BK-Black HSG,Black Latch	11 Packaging K-Tray	12 Post Options 1-With Post 2-Without Post		

Circuits(n)	Part NO.	Dimensions						
		A	B	C	D	E	F	G(REF)
36	FPI10018-F36S7XX5XXXK	6.0	7.65	9.15	25.0	27.0	50.7	55.5
64	FPI10018-F64S7XX5XXXK	20.0	21.65	23.15	39.0	41.0	64.7	69.5
98	FPI10018-F98S7XX5XXXK	37.0	38.65	40.15	56.0	58.0	81.7	86.5
164	FPI10018-F164S7XX5XXXK	70.0	71.65	73.15	89.0	91.0	114.7	119.5

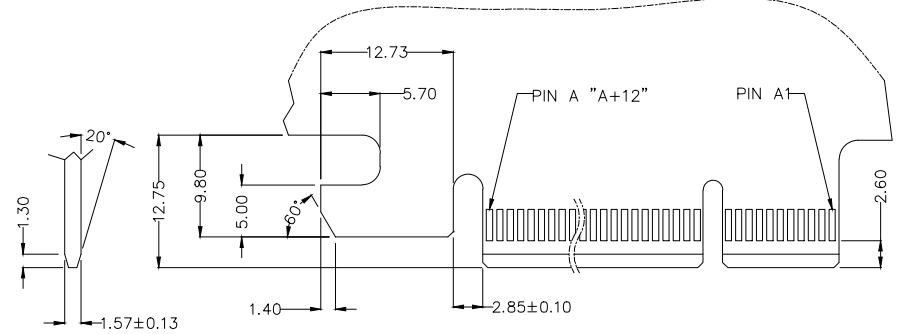
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/Sept/23
	X.X ±0.30	X.' ±5'	CHECKED BY GISELLE	DATE 20/Sept/23
	X.XX ±0.20	X.X' ±2'	DRAWN BY Hejianpeng	DATE 20/Sept/23
	X.XX ±0.15	X.XX' ±1'		
SCALE 5:1	SIZE A4	X.XXX ±0.10	X.XXX' ±0.5'	

PART NO. FPI10018-FXXS7XX5XXXK	ITEM NO. FPI10018	<p>Building Technology Cornerstone</p>
TITLE PCI Express Gen5.0(32GT/S) ,180°vertical Pitch 1.0mm SMT		
REV 0	SHEET NO. 1/3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

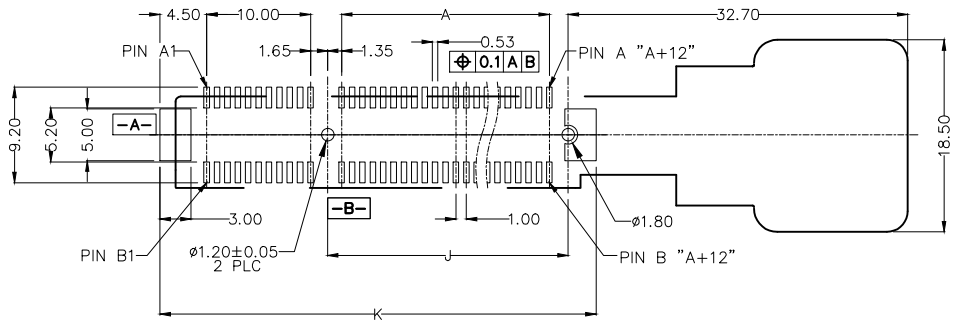


← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



SECONDARY (SOLDER) SIDE

NOTES:
CHAMFER EDGE MUST BE FREE OF CUTTING BURRS



RECOMMENDED PCB LAYOUT
(COMPONENT SIDE)
TOLERANCE: ±0.05

Circuits(n)	Part NO.	Dimensions			
		A	H	J	K
36	FPH10018-F36S7XX5XXKX	6.0	8.15	9.15	28.0
64	FPH10018-F64S7XX5XXKX	20.0	22.15	23.15	42.0
98	FPH10018-F98S7XX5XXKX	37.0	39.15	40.15	59.0
164	FPH10018-F164S7XX5XXKX	70.0	72.15	73.15	92.0

A
B
C
D
E
F

A
B
C
D
E
F

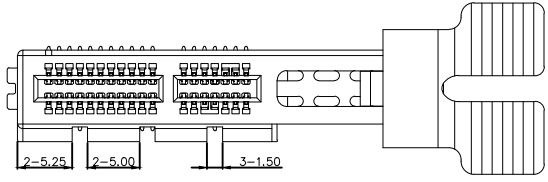
<p>THIRD ANGLE PROJECTION</p>	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/Sept/23	PART NO. FPH10018-FXXS7XX5XXKX	ITEM NO. FPH10018	<p>Building Technology Cornerstone</p>	
	X. ±0.30	X.* ±5°	CHECKED BY GISELLE	DATE 20/Sept/23	TITLE PCI Express Gen5.0(32GT/S) ,180°vertical Pitch 1.0mm SMT			REV 0
	DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X* ±2°	DRAWN BY Hejianpeng	DATE 20/Sept/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 2/3
	SCALE 5:1	SIZE A4	X.XX ±0.15	X.XX* ±1°	X.XXX ±0.10	X.XXX* ±0.5°		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

A

A

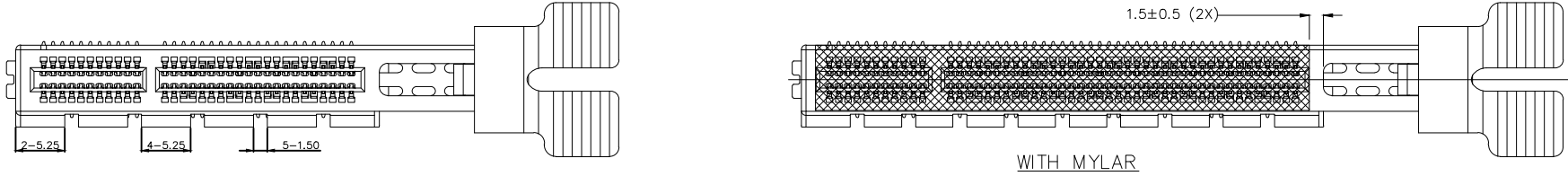
36 Pos.



B

B

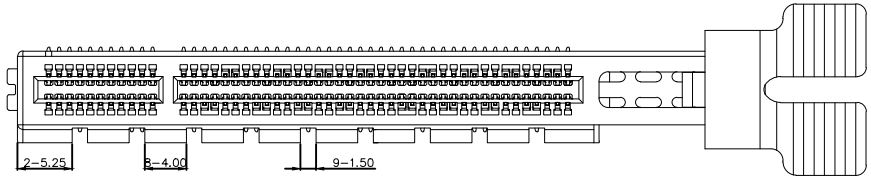
64 Pos.



C

C

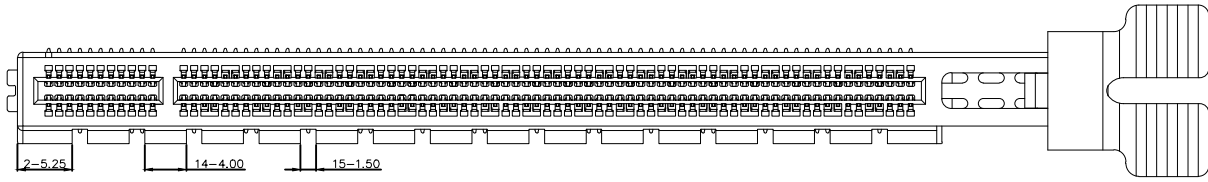
98 Pos.



D

D

164 Pos.



E

E

F

F

<p>THIRD ANGLE PROJECTION</p>	<p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p>		<p>APPROVE BY</p> <p>LEO</p>	<p>DATE</p> <p>20/Sept/23</p>	<p>PART NO.</p> <p>FPH10018-FXXS7XX5XXXK</p>	<p>ITEM NO.</p> <p>FPH10018</p>	<p>Building Technology Cornerstone</p>	
	<p>X. ±0.30</p>	<p>X.' ±5'</p>	<p>CHECKED BY</p> <p>GISELLE</p>	<p>DATE</p> <p>20/Sept/23</p>	<p>TITLE</p> <p>PCI Express Gen5.0(32GT/S) ,180°vertical Pitch 1.0mm SMT</p>	<p>REV 0</p>		<p>SHEET NO. 3/3</p>
	<p>DESIGN UNITS</p> <p>METRIC(mm)</p>	<p>X.X ±0.20</p>	<p>X.X' ±2'</p>	<p>DRAWN BY</p> <p>Hejianpeng</p>	<p>DATE</p> <p>20/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>SCALE</p> <p>5:1</p>	<p>SIZE</p> <p>A4</p>	<p>X.XX ±0.15</p>	<p>X.XX' ±1'</p>	<p>X.XXX ±0.10</p>	<p>X.XXX' ±0.5'</p>		