

CUSTOMER DRAWING

REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
X1	NEW RELEASE	Daniel.Lin	Rongzhe Guo	2022.11.01

NOTES:

1.MATERIAL:

- 1.1 HOUSING: LCP, UL94V-0; COLOR: BLACK
- 1.2 CONTACT: COPPER ALLOY.
- 1.3 MOUNTING EAR: STAINLESS STEEL.
- 1.4 SHIELDING: COOPER ALLOY.

2.FINISH:

- 2.1 CONTACT:
50u" MIN. NICKEL PLATING OVERALL.
30u" or 15u" MIN. GOLD ON CONTACT AREA.
100u" MIN. MATT TIN PLATING ON SOLDER TAIL.
- 2.2 MOUNTING EAR:
100u" MIN. MATT TIN PLATING ON SOLDER AREA.

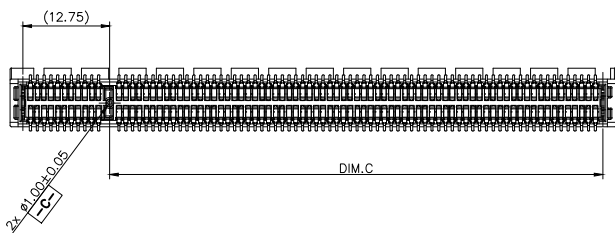
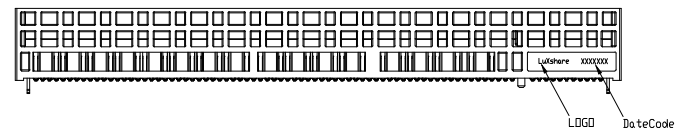
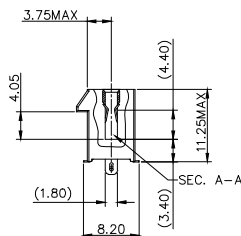
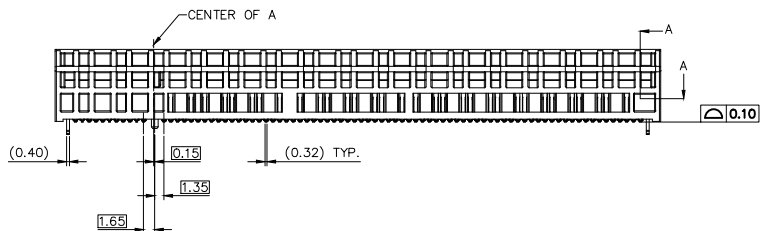
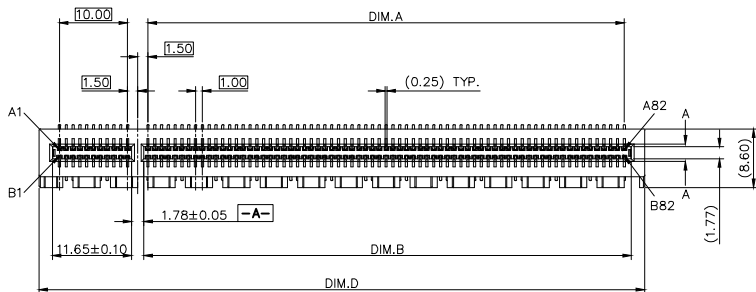
3.HALOGEN-FREE PRODUCT P/N:

PIEXXX-3X0T-001-0H

POSITION
164: X16

CONTACT AREA PLATING:

- 5: 30u" GOLD ON CONTACT AREA.
- 3: 15u" GOLD ON CONTACT AREA.



P/N:	DIM.A	DIM.B	DIM.C	DIM.D	CONNECTOR LINK WIDTH
164	70.00	71.65	72.45	89.00	X16

X ± 0.50	X.° ± 3°
.X ± 0.30	.X° ± 2°
.XX ± 0.20	.XX° ± 1°
.XXX ± 0.15	.XXX° ± 0.5°
UNITS:	mm

PART NO.:
PIE164-3X0T-001-0H

LUXSHARETECH

TITLE: PCIE SLOT GEN 5 SMT TYPE CONNECTOR WITH TAB

SUPPLIER P/N:

APPD: Rongzhe Guo

DWG NO:
PIE164-3X0T-001-0H-02

CHKD: Xiaogang Liu

DRAW: Daniel Lin



SCALE	SHEET	REV.
1:1	1/1	X1

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARE-ICT AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARETECH

CUSTOMER DRAWING

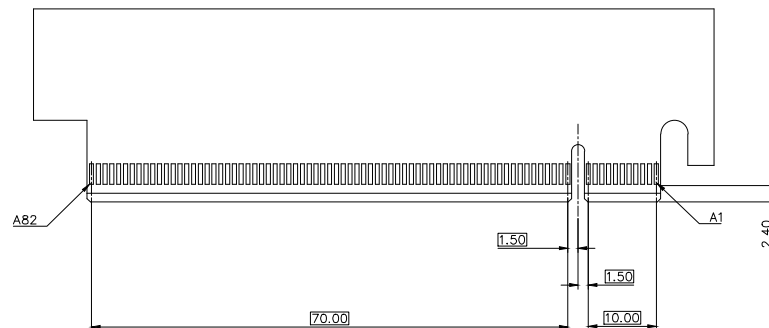
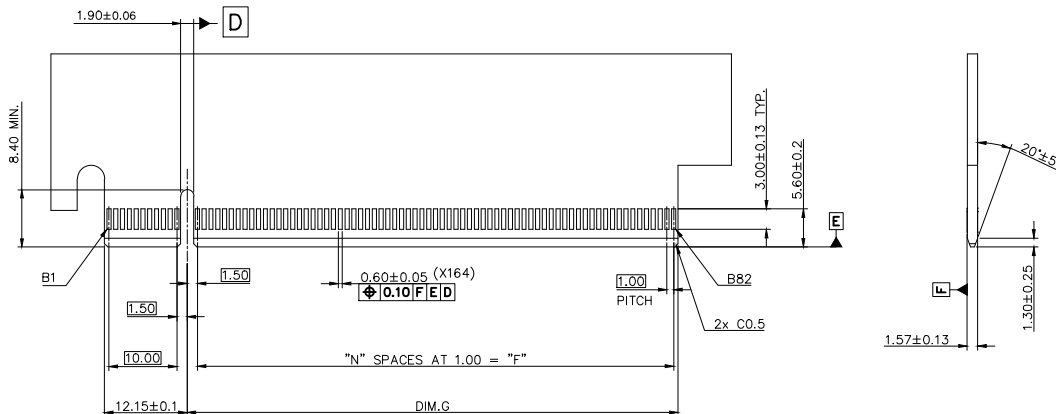
REV.

DESCRIPTION

DESIGN

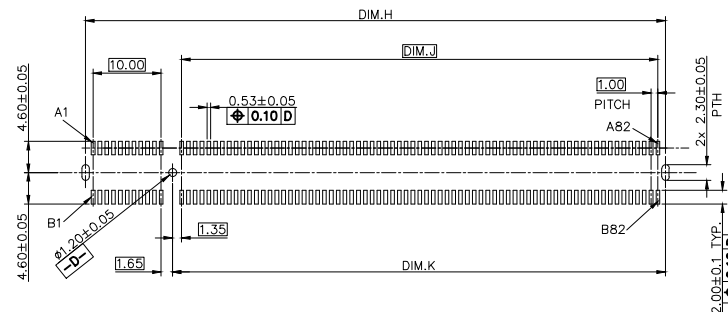
APPROVAL

DATE

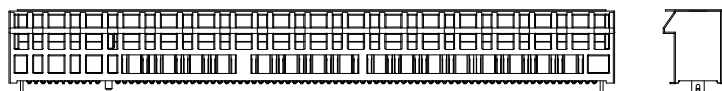
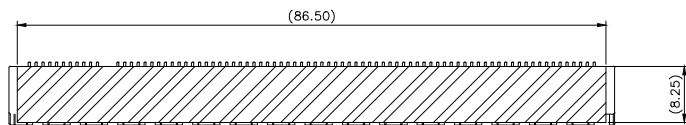


ADD-IN-CARD DIM.

P/N:	DIM.F	DIM.G	DIM.H	DIM.J	DIM.K	N	CONNECTOR LINK WIDTH
164	70.00	72.15	85.20	70.00	72.45	70	X16



RECOMMENDED PCB LAYOUT



POSITION OF MYLAR

X ± 0.50	X.° ± 3°
.X ± 0.30	.X.° ± 2°
.XX ± 0.20	.XX.° ± 1°
.XXX ± 0.15	.XXX.° ± 0.5°
UNITS:	mm

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARETECH AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARETECH

PART NO.:
PIE164-3X0T-001-0H

TITLE: PCIE SLOT GEN 5 SMT TYPE CONNECTOR WITH TAB

APPD: Rongzhe Guo

CHKD: Xiaogang Liu

DRAW: Daniel Lin

LUXSHARETECH

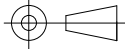
CUSTOMER P/N:

DWG NO: PIE164-3X0T-001-0H-02

SCALE	SHEET	REV.
1:1	2/3	X1

8	7	6	5	4	3	2	1	
CUSTOMER DRAWING				REV.	DESCRIPTION	DESIGN	APPROVAL	DATE
E								E
D								D
C								C
B								B
A								A
8	7	6	5	4	3	2	1	

FOR PCIE PIN DEFINE							
ROW A	SIGNAL (SIDE A)	ROW B	SIGNAL (SIDE B)	ROW A	SIGNAL (SIDE A)	ROW B	SIGNAL (SIDE B)
1	PRSNT1#	1	+12V	42	GND	42	PETn6
2	+12V	2	+12V	43	PERp6	43	GND
3	+12V	3	+12V	44	PERn6	44	GND
4	GND	4	GND	45	GND	45	PETp7
5	JTAG2	5	SMBCLK	46	GND	46	PETn7
6	JTAG3	6	SMBDAT	47	PERp7	47	GND
7	JTAG4	7	GND	48	PERn7	48	PRSNT2#
8	JTAG5	8	+3.3V	49	GND	49	GND
9	+3.3V	9	JTAG1	50	RSVD	50	PETp8
10	+3.3V	10	+3.3VAUX	51	GND	51	PETn8
11	PRSNT#	11	WAKE#	52	PERp8	52	GND
12	GND	12	CLKREQ#	53	PERn8	53	GND
13	REFCLK+	13	GND	54	GND	54	PETp9
14	REFCLK-	14	PETpo	55	GND	55	PETn9
15	GND	15	PETno	56	PERp9	56	GND
16	PERpo	16	GND	57	PERn9	57	GND
17	PERno	17	PRSNT2#	58	GND	58	PETp10
18	GND	18	GND	59	GND	59	PETn10
19	RSVD	19	PETp1	60	PERp10	60	GND
20	GND	20	PETn1	61	PERn10	61	GND
21	PERp1	21	GND	62	GND	62	PETp11
22	PERn1	22	GND	63	GND	63	PETn11
23	GND	23	PETp2	64	PERp11	64	GND
24	GND	24	PETn2	65	PERn11	65	GND
25	PERp2	25	GND	66	GND	66	PETp12
26	PERn2	26	GND	67	GND	67	PETn12
27	GND	27	PETp3	68	PERp12	68	GND
28	GND	28	PETn3	69	PERn12	69	GND
29	PERp3	29	GND	70	GND	70	PETp13
30	PERn3	30	PWRBRK#	71	GND	71	PETn13
31	GND	31	PRSNT2#	72	PERp13	72	GND
32	RSVD	32	GND	73	PERn13	73	GND
33	RSVD	33	PETp4	74	GND	74	PETp14
34	GND	34	PETn4	75	GND	75	PETn14
35	PERp4	35	GND	76	PERp14	76	GND
36	PERn4	36	GND	77	PERn14	77	GND
37	GND	37	PETp5	78	GND	78	PETp15
38	GND	38	PETn5	79	GND	79	PETn15
39	PERp5	39	GND	80	PERp15	80	GND
40	PERn5	40	GND	81	PERn15	81	PRSNT2#
41	GND	41	PETp6	82	GND	82	RSVD

X.± 0.50	X.° ± 3°	PART NO.: PIE164-3X0T-001-0H	LUXSHARETECH								
.X± 0.30	.X° ± 2°		CUSTOMER P/N:								
.XX± 0.20	.XX° ± 1°	TITLE: PCIE SLOT GEN 5 SMT TYPE CONNECTOR WITH TAB				DWG NO: PIE164-3X0T-001-0H-02					
.XXX± 0.15	.XXX° ± 0.5°		APPD: Rongzhe Guo								
UNITS:	mm	CHKD: Xiaogang Liu	 <table border="1" style="display:inline-table; border-collapse: collapse;"> <tr> <td style="width:10%;">SCALE</td> <td style="width:10%;">SHEET</td> <td style="width:10%;">REV.</td> </tr> <tr> <td>1:1</td> <td>3/3</td> <td>X1</td> </tr> </table>			SCALE	SHEET	REV.	1:1	3/3	X1
SCALE	SHEET	REV.									
1:1	3/3	X1									
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF LUXSHARETECH AND SHALL NOT BE REPRODUCED, COPIED OR CUED IN ANY MANNER WITHOUT THE PRIOR WRITTEN CONSENT OF LUXSHARETECH		DRAW: Daniel Lin									