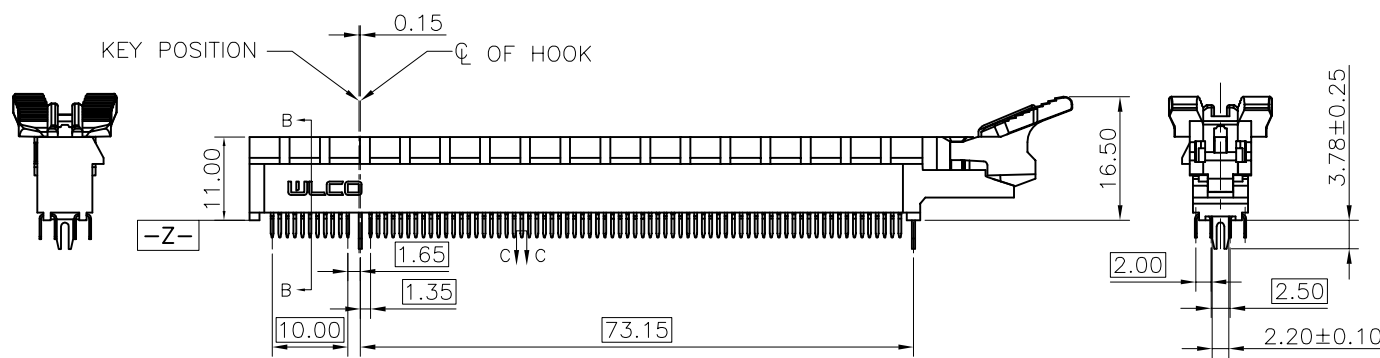
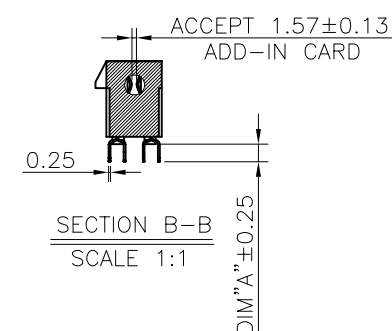
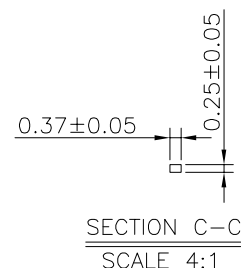
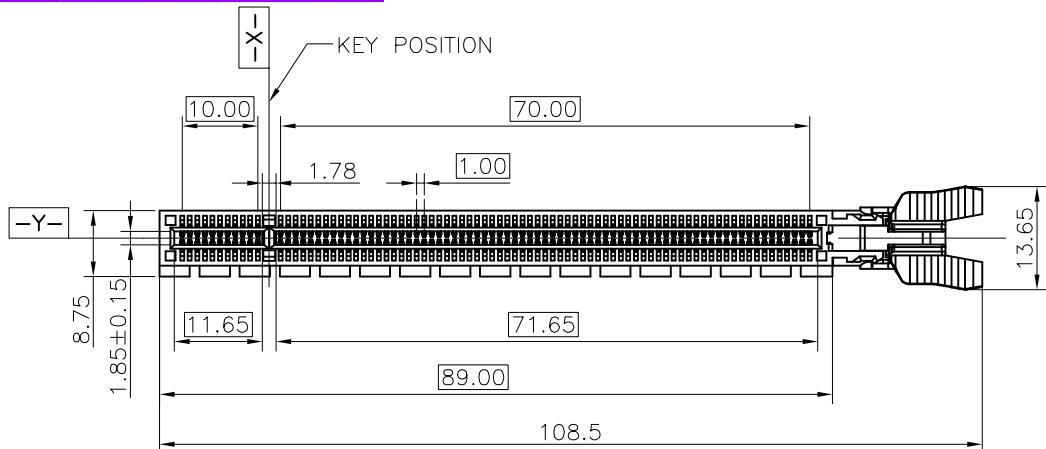


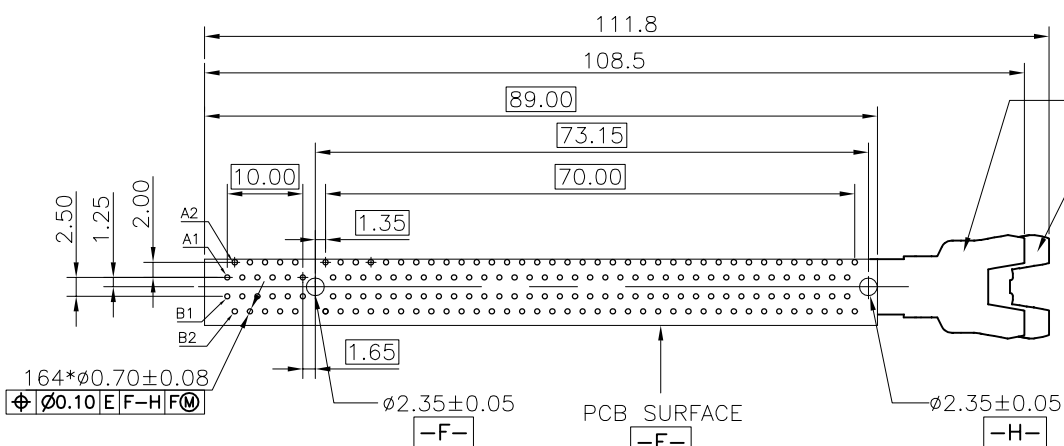
RoHS GP HF

REV.	ECR/N NO.	DESCRIPTION	DRAWN	DATE
E	—	—	LongQiang	20/04/18
F	—	—	LongQiang	20/08/13
G	—	—	LongQiang	21/03/31



NOTES:

- MATERIAL SPECIFICATION
  - HOUSING: HIGH TEMPERATURE THERMOPLASTIC, UL94-V0 V2 OR HB;
  - LATCH: HIGH TEMPERATURE THERMOPLASTIC, UL94-V0 V2 OR HB;
  - CONTACT: COPPER ALLOY;
  - HOOK: STEEL ALLOY OR STAINLESS ALLOY OR COPPER ALLOY;
- PLATING SPECIFICATION
  - CONTACT:
    - 50U" MIN NICKEL UNDERPLATED;
    - GOLD/NICKEL PLATING ON THE CONTACT AREA;
    - 100U" MIN MATTE TIN PLATING ON THE SOLDER AREA;
  - HOOK:
    - ONLY NICKEL PLATING;
    - OR NO PLATING;
    - OR 50U MIN NICKEL UNDERPLATED, 100U MIN MATTE TIN;
- MECHANICAL PERFORMANCE
  - INSERTION FORCE—MODULE TO CONNECTOR: 1.15N MAX PER PAIR;
  - DURABILITY: 50 CYCLES;
  - UNMATING FORCE (PER PIN PAIR): 0.15N MIN;
- ELECTRICAL PERFORMANCE
  - CURRENT RATING: 1.1A PER PIN MAX;
  - LLCR: 30mΩ MAX (INITIAL);
  - INSULATION RESISTANCE: 500V DC, 1000MΩ MIN;
  - DIELECTRIC WITHSTAND VOLTAGE: 500V AC, 0.5mA MAX;
- HSF COMPLIANT
- WAVE SOLDERING PROCESS
  - RECOMMENDED CONDITION FOR WAVE SOLDERING: 260±5°C AND IMMERSION DURATION 10±2 SECONDS.
  - THE LATCH SHALL BE CLOSED WHEN USED TO SOLDER;



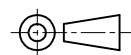
THE AREA OF LATCH WHEN CLOSED

THE AREA OF LATCH WHEN OPENED

RECOMMENDED PCB LAYOUT

DEFAULT TOLERANCE ±0.05

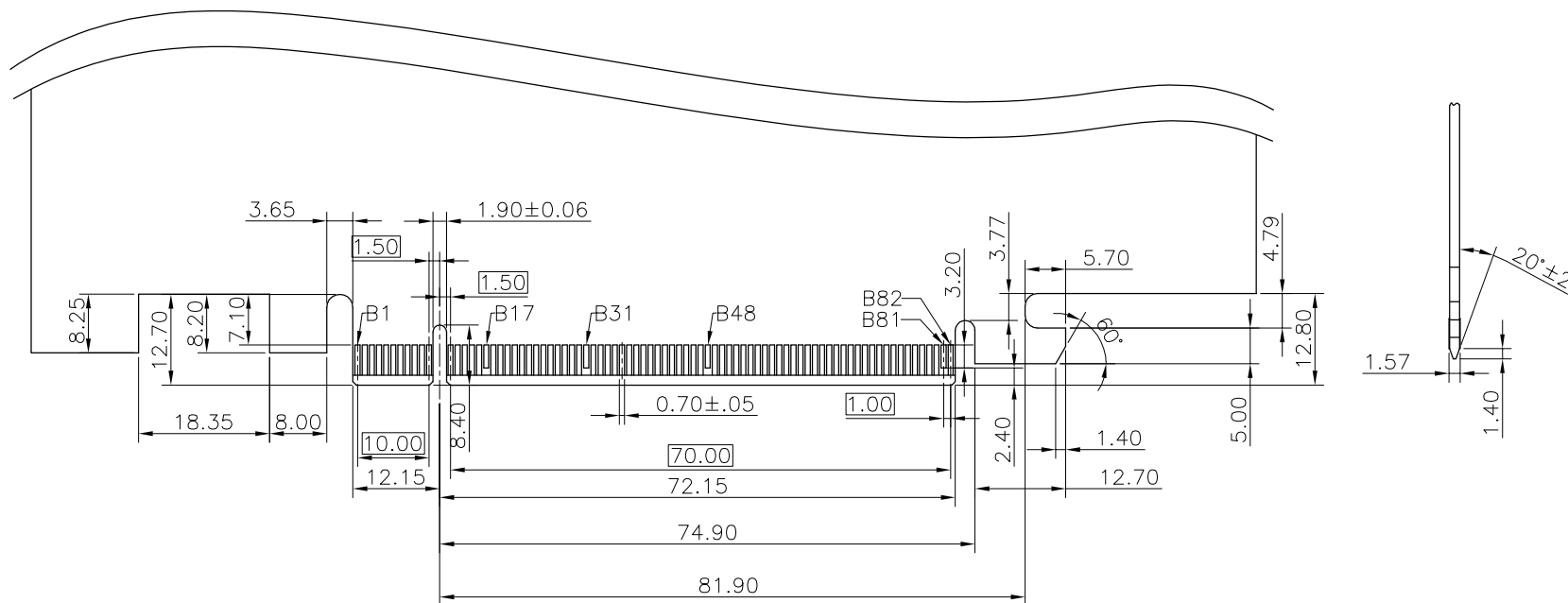
TOLERANCE	MODEL NAME: PCIE 164P AIRCRAFT BUCKLE TYPE	DRAWN: LongQiang.Peng
X.X ±0.35	MODEL NO: SEE TABLE	CHECKED: YouHua.Cai
X.XX ±0.25	UNIT: mm	APPROVED: YouHua.Cai
X.XXX ±0.10	SCALE: 1:1	DATE: 2021/03/31
ANGLE ±1.0°	REVISION: G	DWG NO: CUS-WLPC-164P01
	SHEET: 1/3	FILE: C



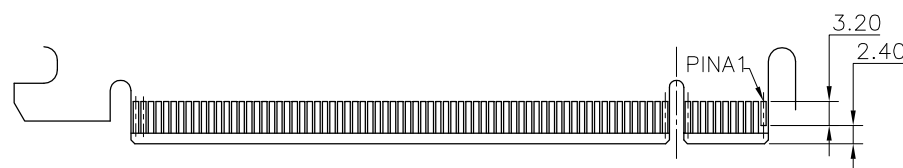
**WLCO** 深圳市兴万联电子有限公司  
SHENZHEN XING WAN LIAN ELECTRONICS CO., LTD.

RoHS GP HF

REV.	ECR/N NO.	DESCRIPTION	DRAWN	DATE
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PRIMARY (COMPONENT) SIDE



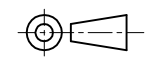
SECONDARY (SOLDER) SIDE

RECOMMENDED CARD EDGE FINGER

DEFAULT TOLERANCE  $\pm 0.05$

NOTES:

- NO TIE PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND 'C'.
- CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

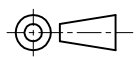
TOLERANCE	MODEL NAME:PCIE 164P AIRCRAFT BUCKLE TYPE				DRAWN: LongQiang.Peng	
X.X $\pm 0.35$	MODEL NO: SEE TABLE				CHECKED: YouHua.Cai	
X.XX $\pm 0.25$	UNIT:	SCALE:	REVISION:	SHEET	APPROVED: YouHua.Cai	
X.XXX $\pm 0.10$	mm	1:1	G	2/3	DATE: 2021/03/31	
ANGLE $\pm 1.0^\circ$	 <b>WLCO</b> 深圳市兴万联电子有限公司 SHENZHEN XING WAN LIAN ELECTRONICS CO.,LTD.				DWG NO:CUS-WLPC-164P01	
					FILE: C	

RoHS GP HF

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TABLE

NO.	PART NO.	SPECIFICATION	HSF COMPLIANT	DIM"A"
1	WLPC-041A	HOUSING_PA66 RED1795U UL94-HB,LATCH_PA66 RED,CONTACT_C2680 G/F Ni50u,HOOK_STEEL ALLOY NICKEL PLATING.	RoHS COMPLIANT	2.50mm

<b>TOLERANCE</b> X.X ±0.35 X.XX ±0.25 X.XXX ±0.10 ANGLE ±1.0°	MODEL NAME:PCIE 164P AIRCRAFT BUCKLE TYPE				DRAWN: LongQiang.Peng	
	MODEL NO: SEE TABLE				CHECKED: YouHua.Cai	
	UNIT:	SCALE:	REVISION:	SHEET	APPROVED: YouHua.Cai	
	mm	1:1	G	3/3	DATE: 2021/03/31	
 <b>WLCO</b> 深圳市兴万联电子有限公司 SHENZHEN XING WAN LIAN ELECTRONICS CO.,LTD.				DWG NO:CUS-WLPC-164P01		
				FILE: C		