

REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
G	--	CHANGE CHAMFERED AND REMOVE GAP	2021.07.14	Colin
H	--	Add packing surface	2021.07.26	Dorian

NOTES:

- ELECTRICAL CHARACTERISTICS:
 - 1-1 CURRENT RATING: 1.1 A PER PIN, 30°C RISE ABOVE AMBIENT.
 - 1-2 CONTACT RESISTANCE: 30 MILLIOHMS MAX. INITIAL, 50 MILLIOHMS MAX. AFTER TEST.
 - 1-3 INSULATION RESISTANCE: 1000 MEGOHMS MIN..
 - 1-4 DIELECTRICAL WITHSTAND VOLTAGE: 500 V AC MIN. AT SEA LEVEL.
- MECHANICAL CHARACTERISTICS:
 - 2-1 CONTACT INSERTION FORCE: 1.15 N MAX. PER CONTACT PAIR.
 - 2-2 CONTACT REMOVAL FORCE: 0.15 N MIN. PER CONTACT PAIR.
 - 2-3 DURABILITY: 50 MATING AND UNMATING CYCLES.
- ENVIRONMENTAL CHARACTERISTICS:
 - 3-1 OPERATING TEMPERATURE RANGE: -40°C TO +105°C .
- RECOMMENDED PROCESS: IR REFLOW 260°C, 3~5 s.
- RECOMMENDED STEEL BOARD THICKNESS: 0.15MM.

PART P/N:

121P-C6TB-D1 * T

CONTACT AREA GOLD PLATING:

G= GOLD FLASH

B= 15u" GOLD

C= 30u" GOLD

6	SHELL	SUS304 1/2H	30u" MIN. NICKEL PLATING OVERALL UNDERPLATED ON WELD FOOT, 100u" MIN. TIN PLATING OVER NICKEL.
5	LATCH	THERMOPLASTIC PA10T	MOLDED BLACK.
4	TAB	C2680	50u" NICKEL PLATING OVERALL UNDERPLATED, 100u" MATTE TIN PLATING OVER NICKEL AT TAIL.
3	CONTACT	C5191	50u" NICKEL PLATING OVERALL UNDERPLATED, 100u" MATTE TIN PLATING OVER NICKEL AT TAIL. GOLD PLATING ON CONTACT AREA.
2	BLOCK	PA10T UL94V-0	MOLDED BLACK.
1	HOUSING	PA10T UL94V-0	MOLDED BLACK.
ITEM	DESCRIPTION	MATERIAL	TREATMENT

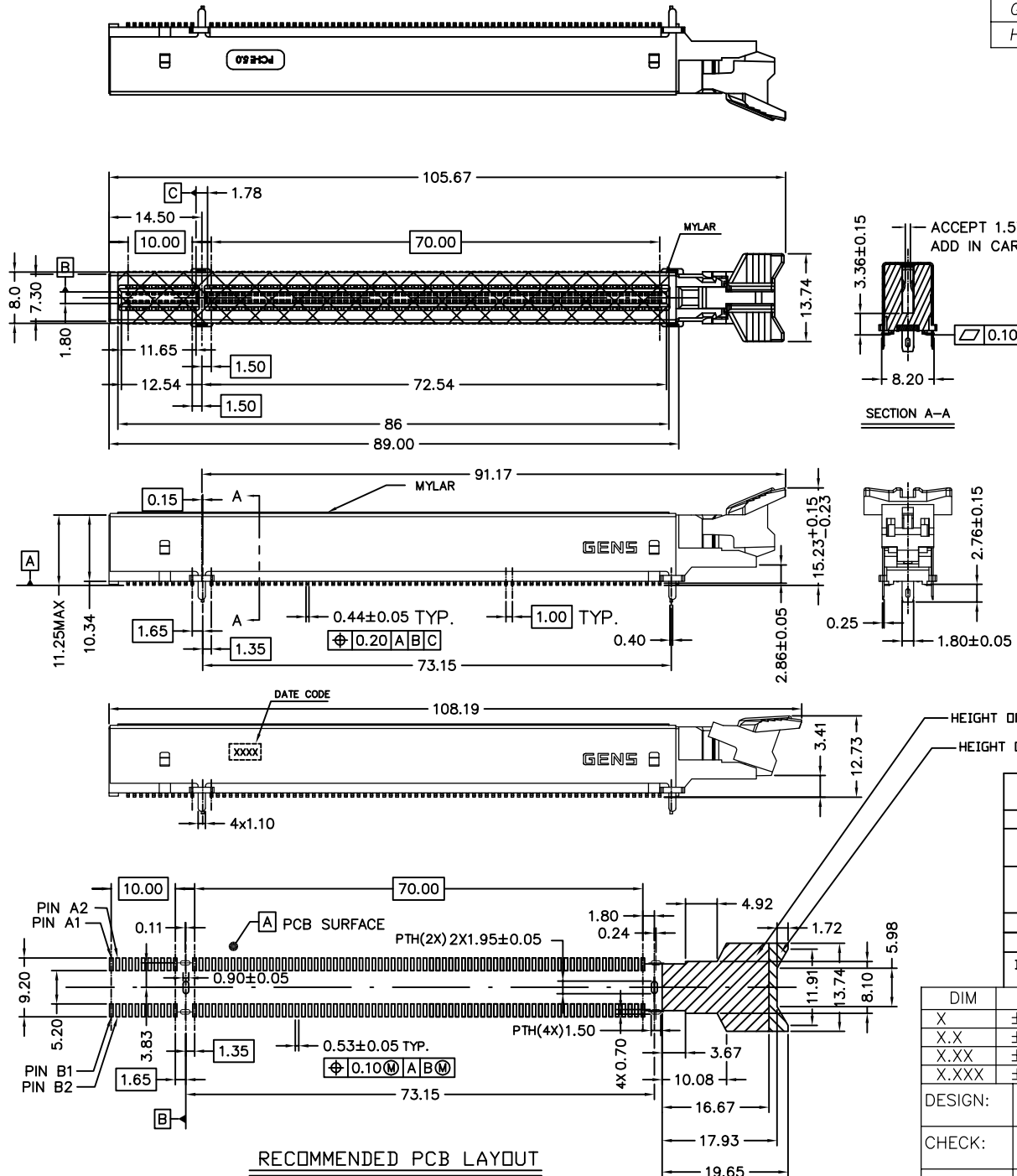
DIM	TOL	DIM	DEG
X	±0.50	X°	±8°
X.X	±0.35	X.X°	±5°
X.XX	±0.25	X.XX°	±3°
X.XXX	±0.15	X.XXX°	±2°
DESIGN:	YIN	2020.11.14	
CHECK:			
APPROVED			

JOINSOON 建舜電子

FILE: -
DRAW NO. -
P/N: 121P-C6TB-D1*T
UNIT: mm SCALE: 1:1
REV: H SHEET: 1/3

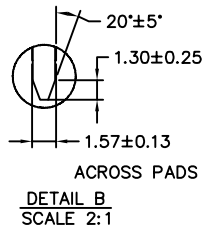
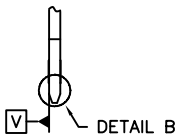
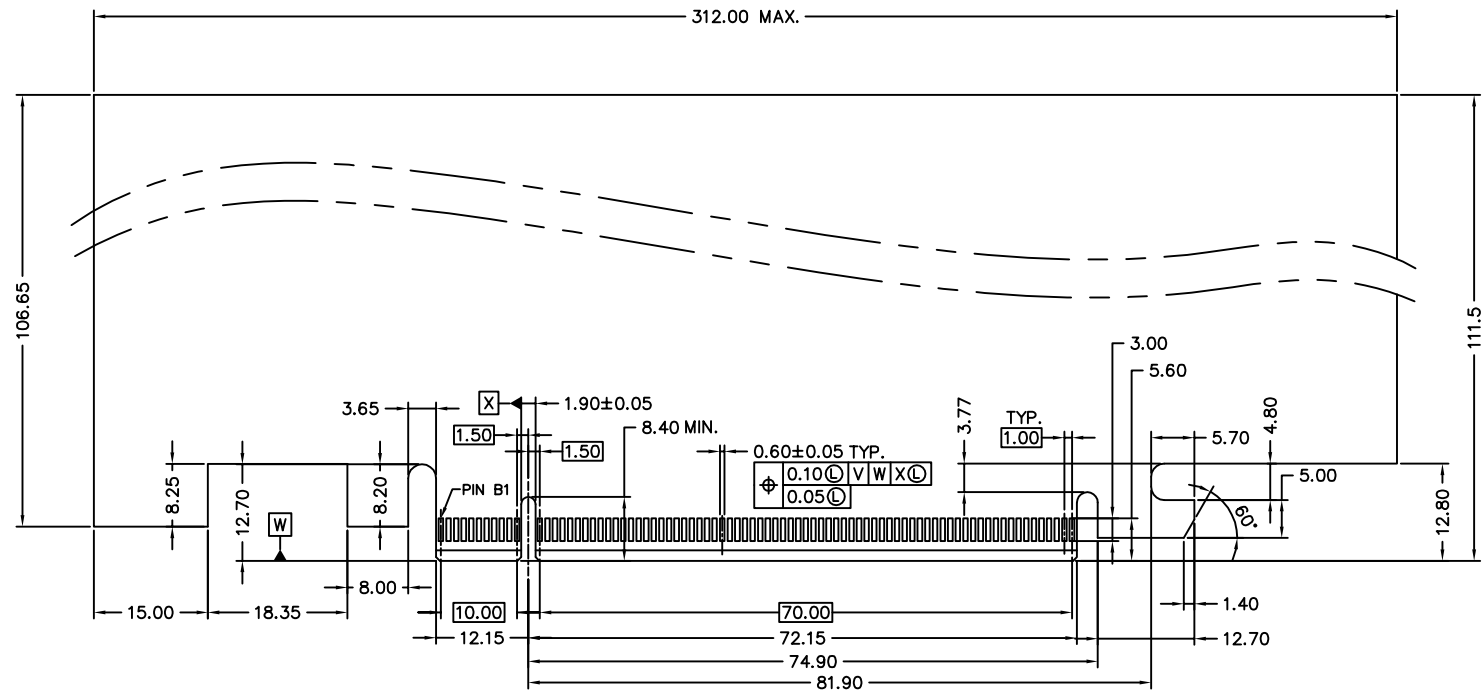
DRAW NAME:
PCIE-X16 Gen5
164P SMT TYPE

MODEL: -
①



C-DWG

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NOTES:

△ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

DIM	TOL	DIM	DEG
X	±0.50	X*	±8°
X.X	±0.35	X.X*	±5°
X.XX	±0.25	X.XX*	±3°
X.XXX	±0.15	X.XXX*	±2°
DESIGN:	YIN	2020.11.14	
CHECK:			
APPROVED			

JOINSOON 建舜電子

FILE:	-	DRAW NAME:	PCIE-X16 Gen5 164P SMT TYPE
DRAW NO.	-	P/N:	121P-C6TB-D1*T
UNIT:	mm	SCALE:	1:1
REV:	H	SHEET:	2/3

