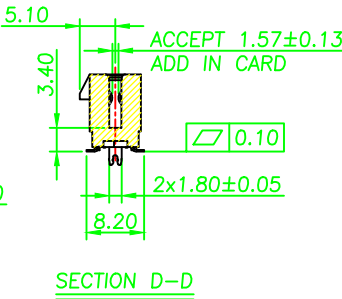


REV.	ECN NO.	DESCRIPTION	DATE	DESIGN
01	--	NEW DRAWING	2021.04.08	Colin
02	--	Chamfer change to fillet	2021.07.31	Dorian

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, 10 s
- RECOMMENDED STEEL BOARD THICKNESS: 0.15MM.
- HF COMPLIANT.

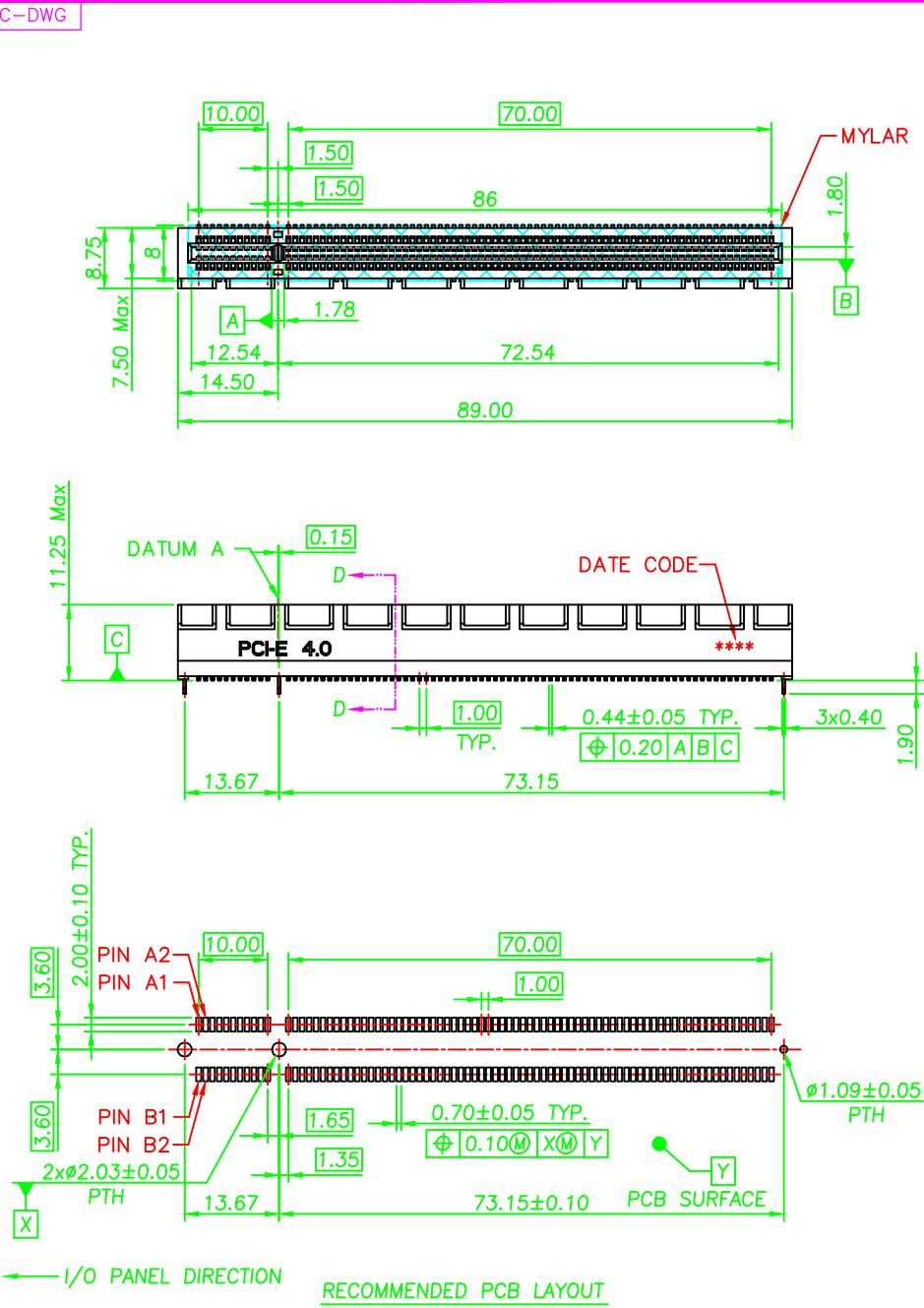


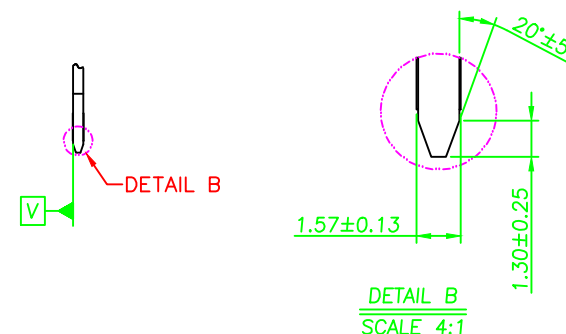
PART P/N:
121P-C6TB-K8 * R

CONTACT AREA GOLD PLATING:
G= GOLD FLASH
B= 15u" GOLD
C= 30u" GOLD

3	CONTACT	COPPER ALLOY	50u" NICKEL PLATING OVERALL UNDERPLATED. 100u" MATTE TIN PLATING OVER NICKEL AT TAIL. GOLD PLATING ON CONTACT AREA.
2	HOOK	COPPER ALLOY	50u" NICKEL PLATING OVERALL UNDERPLATED. 100u" MATTE TIN PLATING OVER NICKEL AT TAIL.
1	HOUSING	THERMOPLASTIC UL 94V-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:	COLIN	2021.04.08	FILE:
CHECK:			DRAW NO.
APPROVED			P/N: 121P-C6TB-K8*R
			UNIT: mm SCALE: 1:1
			REV: 02 SHEET: 1/2
			MODEL: -

JOINSOO建舜電子





Secondary (Solder) Side view of the PCB. Dimensions are shown in green: 5.60, 3.91, 3.20 REF., and 2.40. A red arrow points to a component labeled "PIN A1". A green arrow indicates the "I/O PANEL DIRECTION". A green arrow points to the "SECONDARY (SOLDER) SIDE".

DIM		TOL		DIM		DEG		JOINSOO建舜電子			
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:		COLIN		2021.04.08		DRAW NO.			PCIE-X16 Gen4		
CHECK:						P/N: 121P-C6TB-K8*R			164P SMT TYPE CONN		
APPROVED						UNIT: mm		SCALE: 1:1		MODEL:	
						REV: 02		SHEET: 2/2		- 	