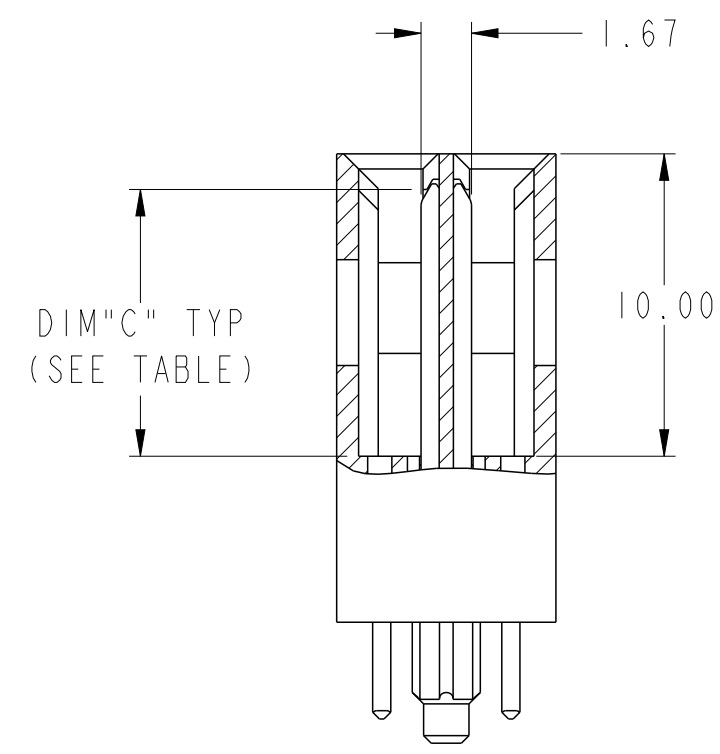
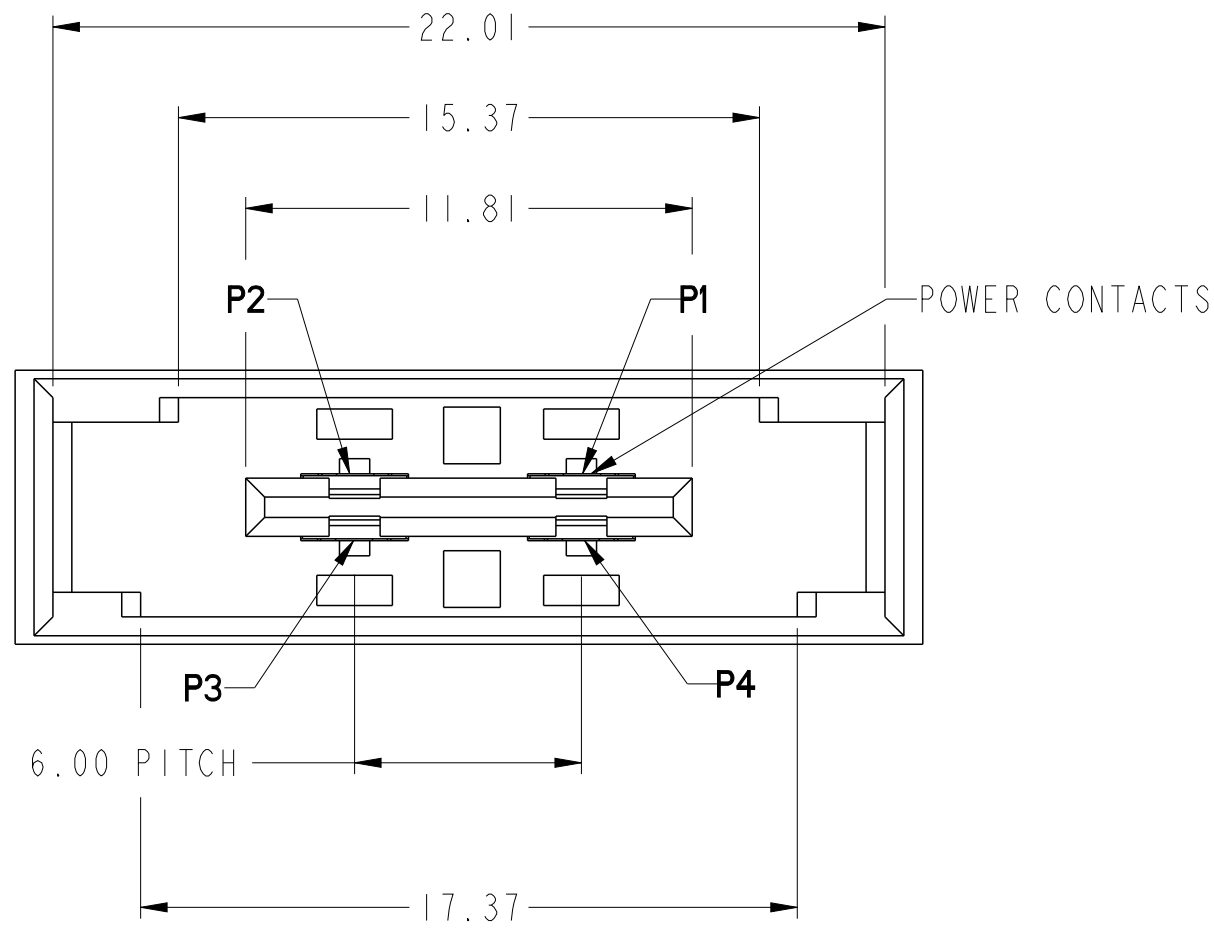
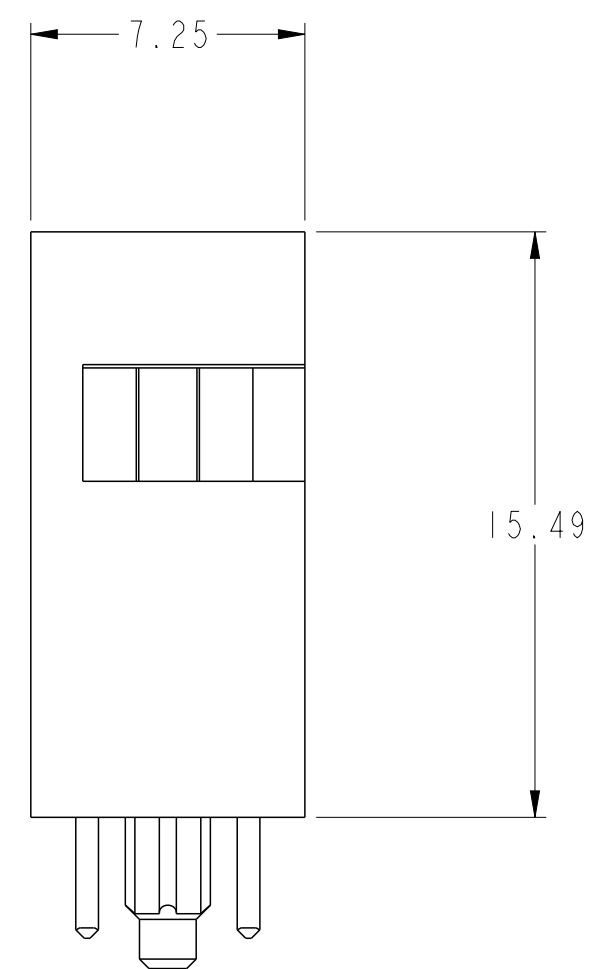
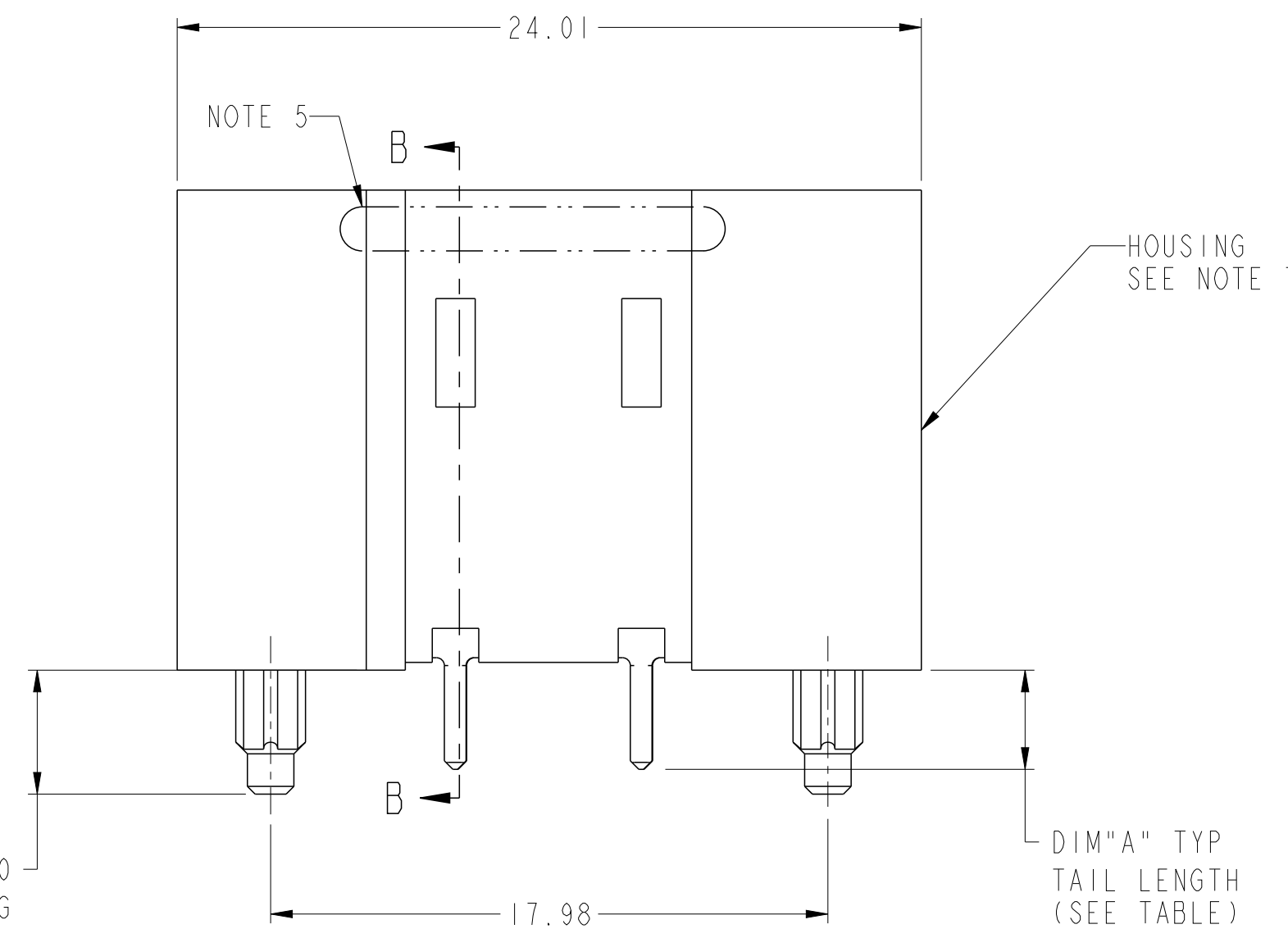
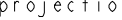




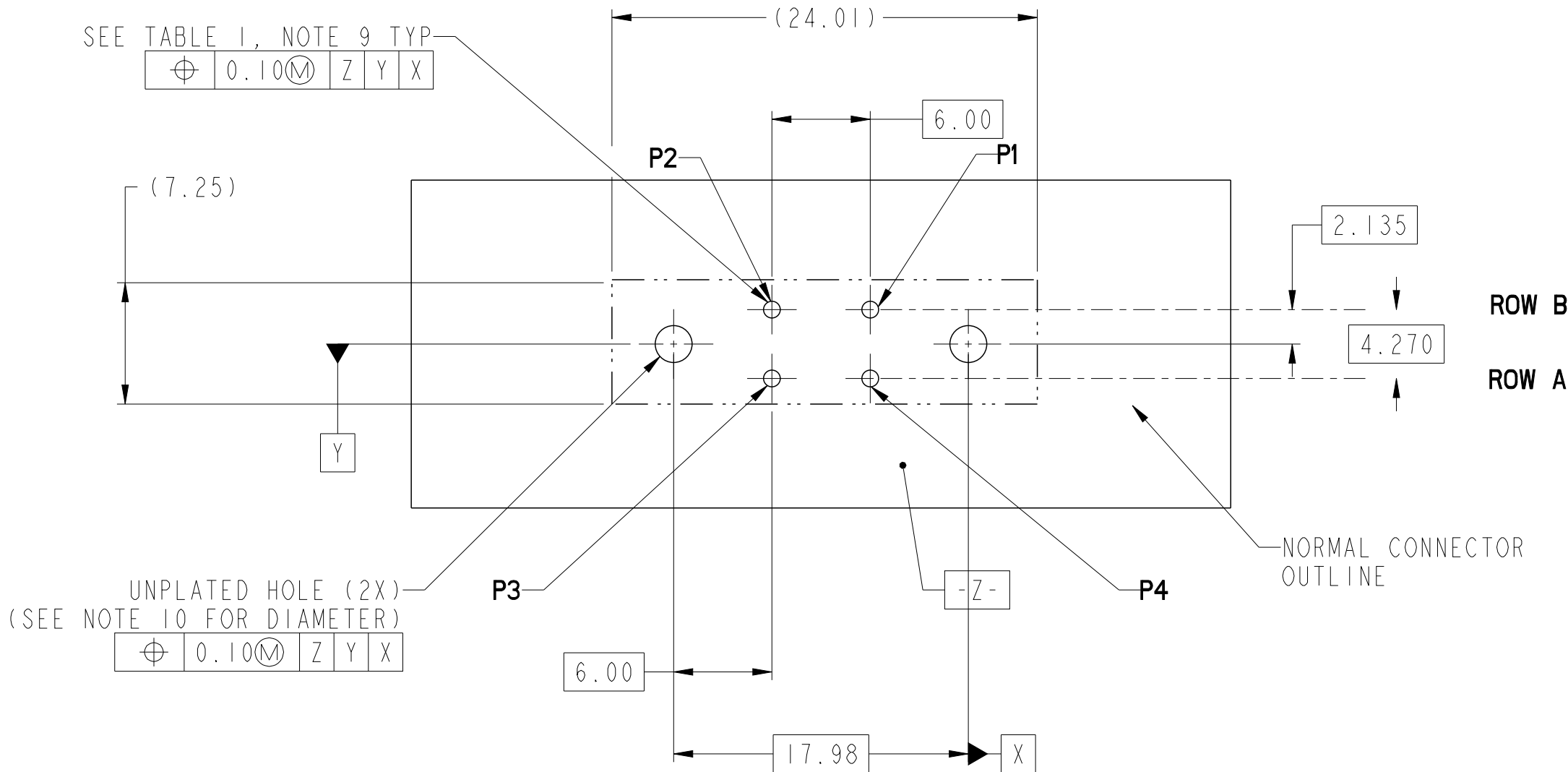
SECTION B-B
SCALE 4:1



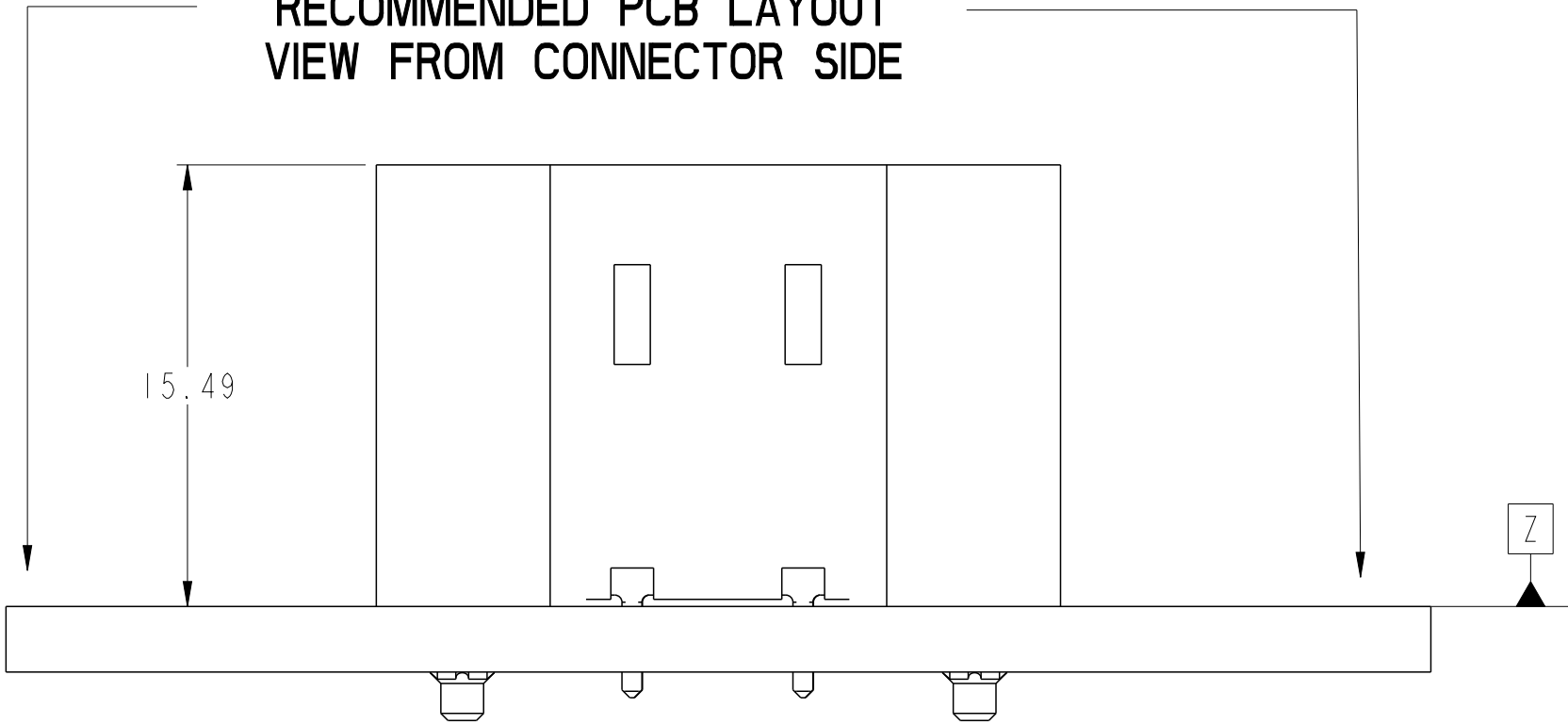
Copyright FCI.

spec ref		-		dr		Hai-Ling Liu		2015/03/20		projection				mm		size		A2		scale		5:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Hai-Ling Liu		2015/04/10						ecn no		-		rel level		Released			
chr				Terris Liu		2015/04/10																	
appr				Pei-Ming Zheng		2015/04/10		product family						-									
surface		✓		linear				title		HPCE CTB HEADER VERTICAL		dwg no		10134040		rev		A					
		0.X		±0.3																			
		0.XX		±0.10																			
ASME Y14.5				0.XXX		±0.050																	
angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 3									

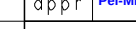
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER (SEE NOTE 8)	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10



RECOMMENDED PCB LAYOUT
VIEW FROM CONNECTOR SIDE



SCALE 4:1

spec ref -				dr Hai-Ling Liu		2015/03/20		projection		mm		size A2		scale 5:1	
tolerance std				eng Hai-Ling Liu		2015/04/10						ecn no -		rel level Released	
ASME Y14.5				chr Terris Liu		2015/04/10									
				appr Pei-Ming Zheng		2015/04/10		product family				-			
surface 		linear		0.X ±0.3				title HPCE CTB HEADER VERTICAL		dwg no 10134040		rev A			
		0.XX ±0.10													
		0.XXX ±0.050													
ASME Y14.5		angular 0° ±2°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 2 of 3			

PRODUCT PART NUMBER

10134040-□□□□□LF

BASE PART NUMBER

CONTACT AREA PLATING
UNDERPLATED 50u"(1.27um) MIN. NICKEL
1: 100u"(2.5um) MIN. Ag
2: 30u"(0.760um) MIN. GXT

DIM "A", TAIL LENGTH
1: 3.00±0.25mm (PCB THK 1.57mm Min PF)
2: 3.25±0.25mm (PCB THK 2.36mm +/-0.13mm)
3: 2.60±0.25mm (PCB THK 1.57mm +/-0.13mm)

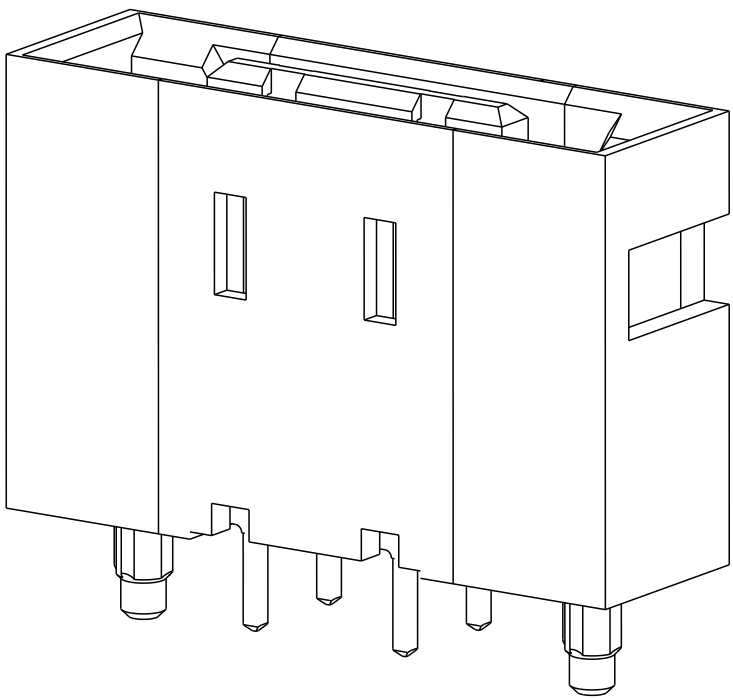
FIRST MATE LAST BREAK PIN POSITION
000: ALL PINS ARE LONG PINS SEE TABLE
001: SOME PINS ARE SHORT PINS SEE TABLE

POWER
CONTACT

ROW A

ROW B

NUMBER	END MODULE	POWER CONTACT			END MODULE
		2	1		
000		P1	P1	ROW A	
		P1	P1	ROW B	



SCALE 4:1

NOTES:

1. CONNECTOR MATERIALS:
- HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK UL 94V-0 COMPLIANT
- CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-1031 SECTION 5.2
3. PRODUCT SPECIFICATION: GS-12-1031
4. APPLICATION SPECIFICATION: GS-20-0369
5. PRODUCT MARKING (FCI PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-2272.
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
10. MOUNTING HOLES ARE UNPLATED
Ø 2.25±0.05 FOR SOLDER TAILS

spec ref -				dr Hai-Ling Liu		2015/03/20		projection		mm		size A2		scale 5:1	
tolerance std				eng Hai-Ling Liu		2015/04/10						ecn no -		rel level Released	
ASME Y14.5				chr Terris Liu		2015/04/10									
				appr Pei-Ming Zheng		2015/04/10		product family -							
surface 		linear		0.X		±0.3				title HPCE CTB HEADER VERTICAL		dwg no 10134040		rev A	
		0.XX		±0.10											
		0.XXX		±0.050											
ASME Y14.5		angular 0°		±2°		www.fci.com		cat. no. -		Product - Customer Drw				sheet 3 of 3	