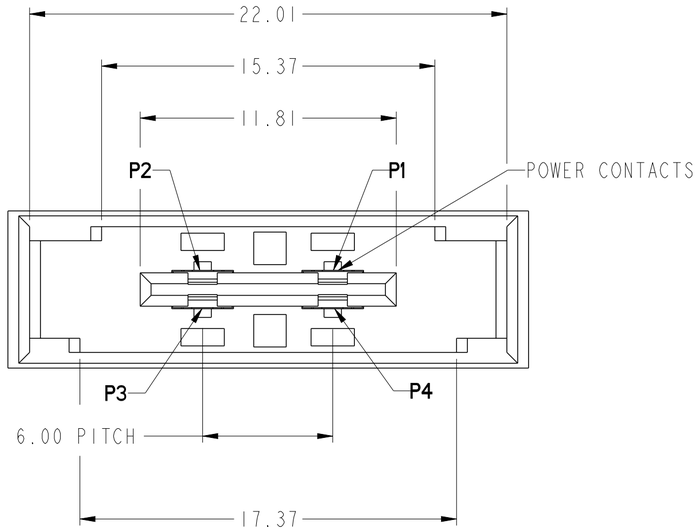
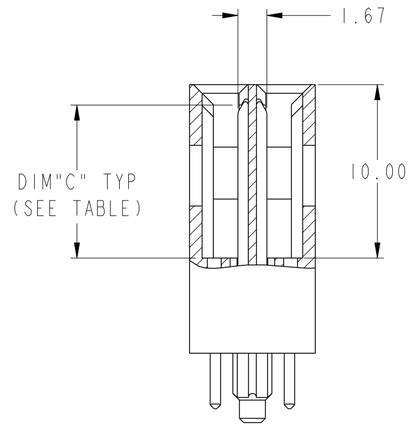
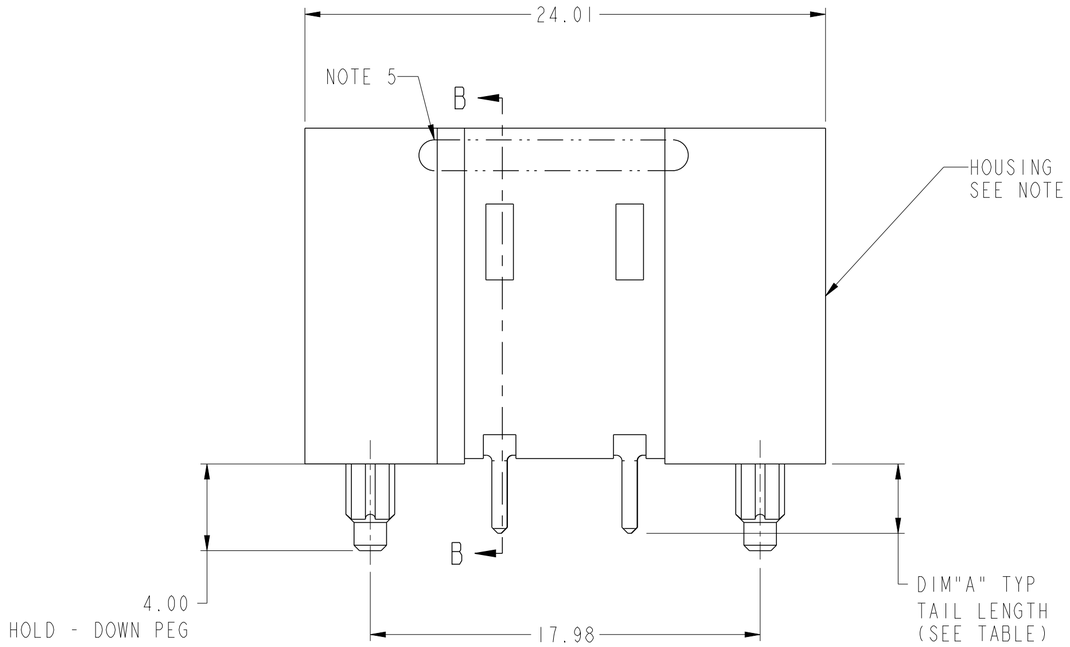
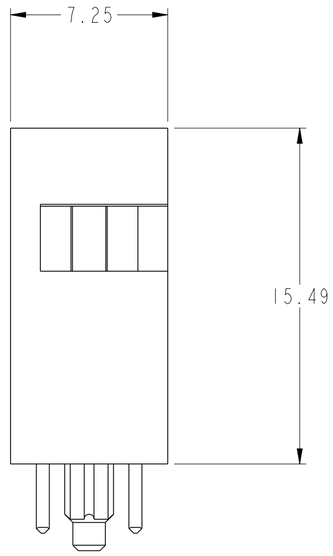




SECTION B-B
SCALE 4:1

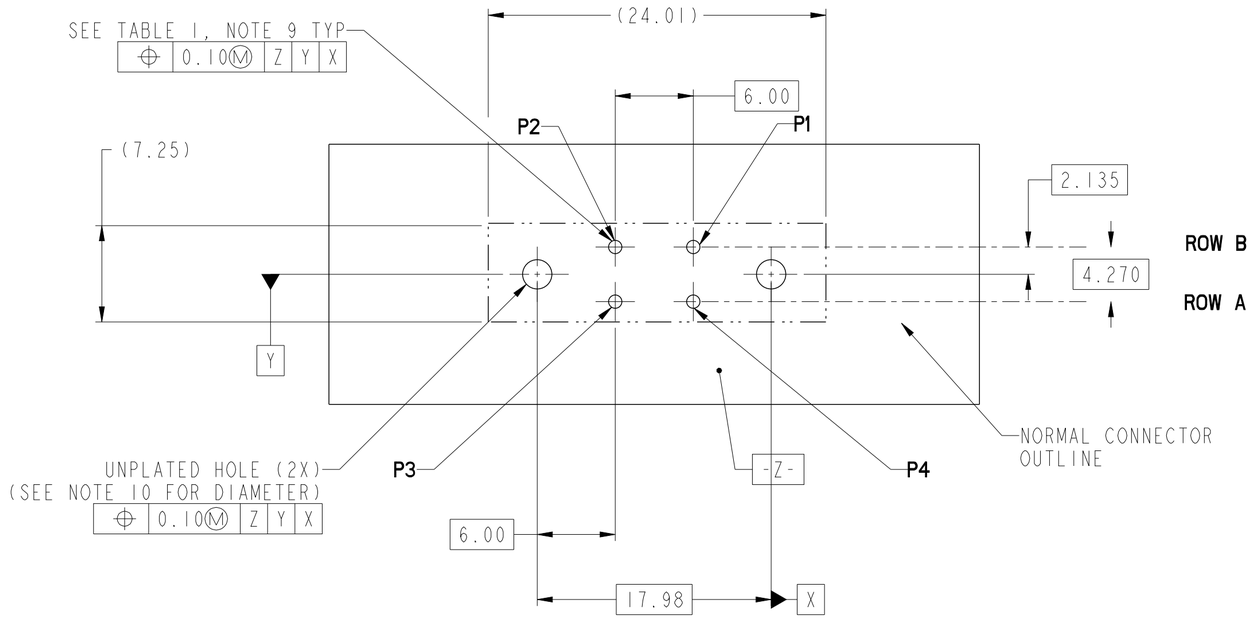




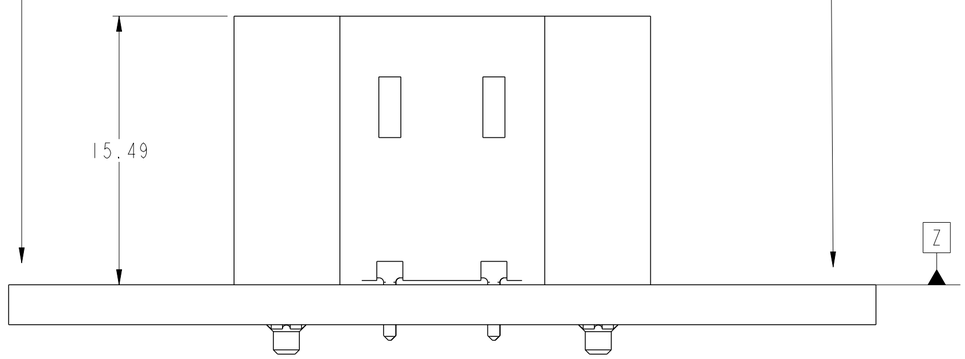
spec ref	-			dr	Hai-Ling Liu	2015/03/20	projection	mm	size A2 / scale 5:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Hai-Ling Liu	2015/04/10			ecn no -
				chr	Terris Liu	2015/04/10			
				appr	Pei-Ming Zheng	2015/04/10	product family -		rel level Released
surface -	linear	0.X	±0.3	FCI	title: HPCE CTB HEADER VERTICAL 4LP WITH LATCH			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 1 of 3

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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

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spec ref -			dr	Hai-Ling Liu	2015/03/20	projection	mm	size A2 / scale 5:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Hai-Ling Liu	2015/04/10			ecn no -
			chr	Terris Liu	2015/04/10			
			appr	Pei-Ming Zheng	2015/04/10	product family -		rel level Released
surface - ASME Y14.5	linear	0.X ±0.3 / 0.XX ±0.10 / 0.XXX ±0.050	FCI	title	HPCE CTB HEADER VERTICAL 4LP WITH LATCH		dwg no 10134040	rev A
	angular	0° ±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 2 of 3

Pro/E File - REV C - 2009-06-09

PDS: Rev :A STATUS: Released Printed: Apr 10, 2015

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)

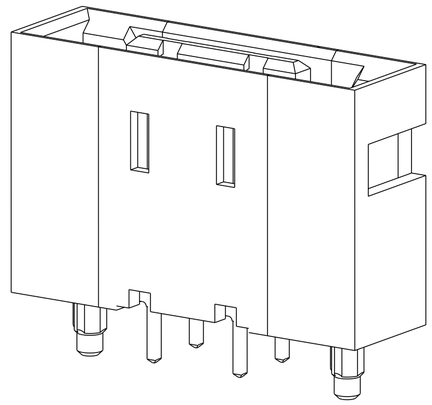
FIRST MATE LAST BREAK PIN POISTION
000: ALL PINS ARE LONG PINS SEE TABLE
001: SOME PINS ARE SHORT PINS SEE TABLE

	ROW#	P#	DIM "C"±0.25	DIM "A"±0.25
POWER CONTACT	ROW A	P1	8.86	3.25
		P2	7.59	3.25
		P3	8.86	2.60
		P4	7.59	2.60
		P9	8.86	3.00
		P10	7.59	3.00
	ROW B	P1	8.86	3.25
		P2	8.86	3.25
		P3	7.59	2.60
		P4	7.59	2.60
		P9	8.86	3.00
		P10	7.59	3.00

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

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



SCALE 4:1

Copyright FCI.

spec ref -			dr Hai-Ling Liu 2015/03/20	projection	mm	size A2	scale 5:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Hai-Ling Liu 2015/04/10				
			chr Terris Liu 2015/04/10			ecn no -	
			appr Pei-Ming Zheng 2015/04/10	product family -		rel level Released	
surface - ASME Y14.5	linear	0.X ±0.3	FCI	title HPCE CTB HEADER VERTICAL 4LP WITH LATCH		dwg no 10134040	rev A
		0.XX ±0.10					
		0.XXX ±0.050					
	angular	0° ±2°	www.fci.com	cat. no. -	Product - Customer Drw		sheet 3 of 3

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