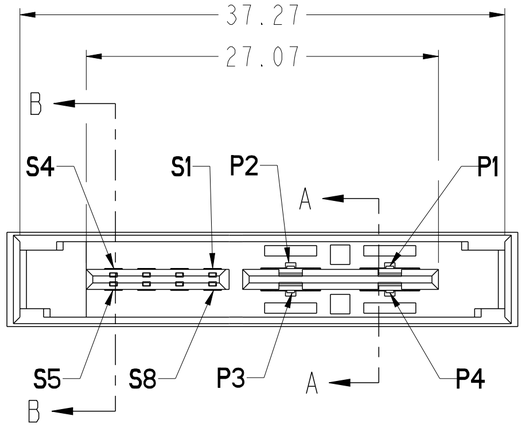
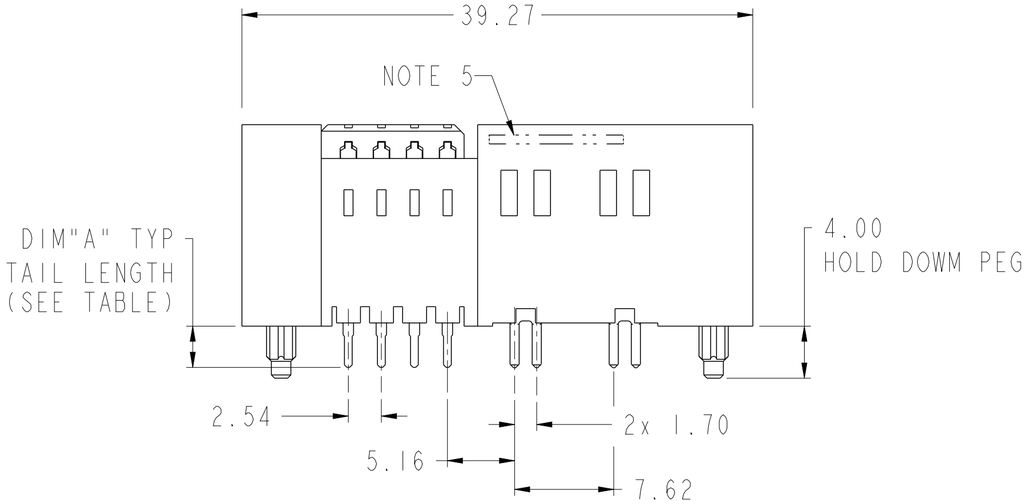
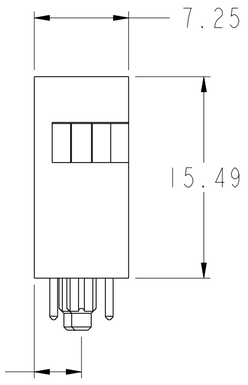
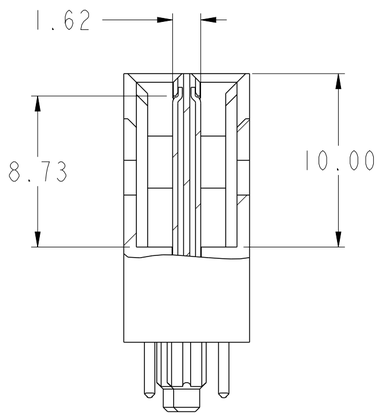
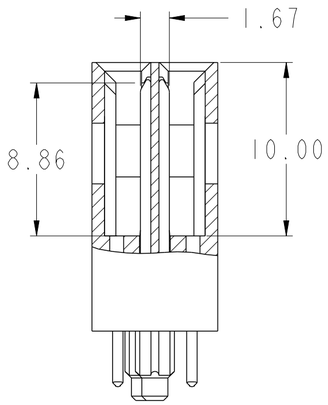








SECTION B-B
SCALE 4:1



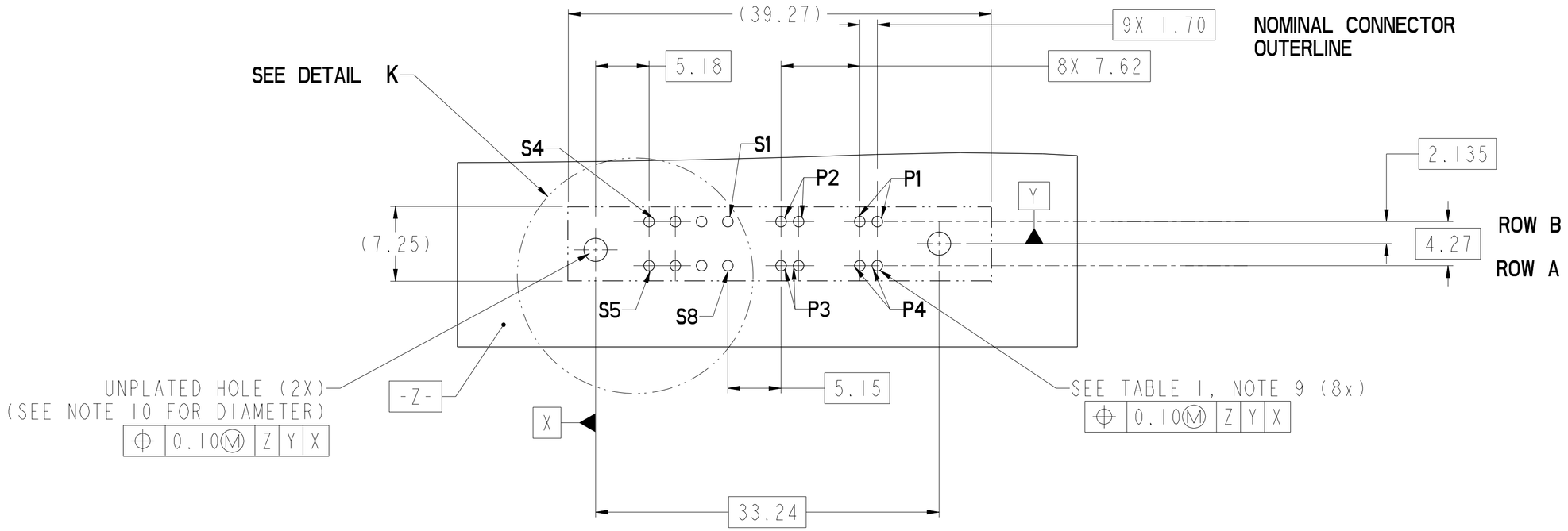
SECTION A-A
SCALE 4:1

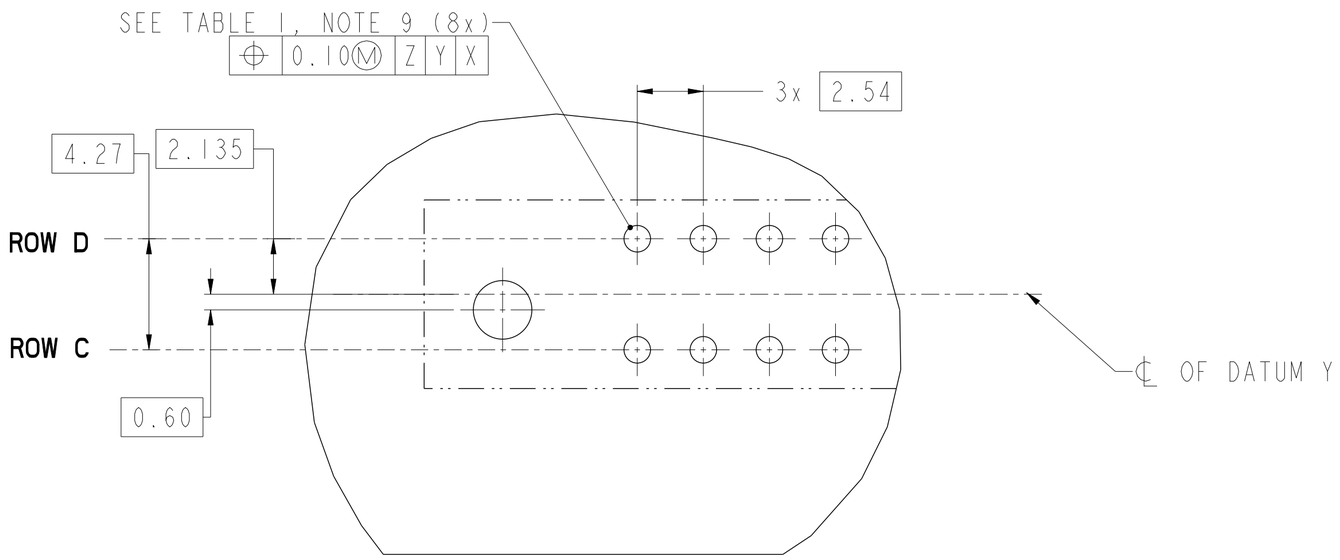
spec ref	-			dr	Hai-Ling Liu	2015/11/24	projection	mm	size A2 / scale 3:1
tolerance std ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Hai-Ling Liu	2015/12/02			ecn no -
				chr	Terris Liu	2015/12/02			
				appr	Pei-Ming Zheng	2015/12/02	product family		rel level Released
surface - ASME Y14.5	linear	0.X	±0.5	FCI	title: HPCE CTB VERTICAL HEADER 4HP8S		dwg no 10137809		rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 1 of 3

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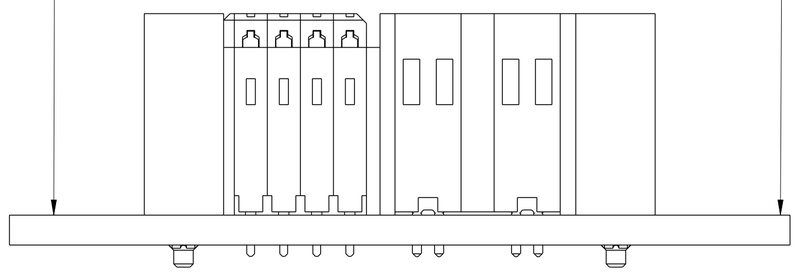
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE I (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN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





DETAIL K
SCALE 6:1

RECOMMENDED PCB LAYOUT
VIEW FROM CONNECTOR SIDE



dr	Hai-Ling Liu	2015/11/24	projection	mm	size A2 / scale 3:1
eng	Hai-Ling Liu	2015/12/02			
chr	Terris Liu	2015/12/02			ecn no -
appr	Pei-Ming Zheng	2015/12/02	product family -		rel level Released

FCI	title: HPCE CTB VERTICAL HEADER 4HP8S	dwg no 10137809	rev A
www.fci.com	cat. no. -	Product - Customer Drw	sheet 2 of 3

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PRODUCT PART NUMBER

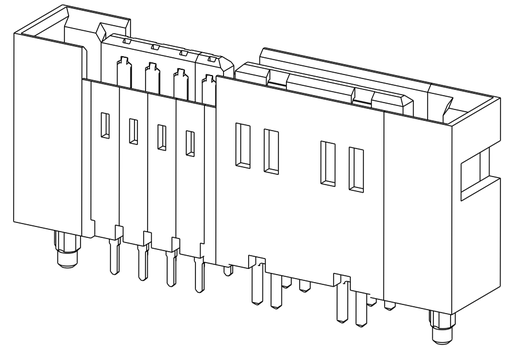
10137809-□□□□□LF

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: 2.60±0.25mm (PCB THK 1.57±0.13mm)
2: 3.25±0.25mm (PCB THK 2.36±0.13mm)

FIRST MATE LAST BREAK PIN POSTION
000: ALL PINS ARE LONG PINS SEE TABLE



SCALE 3:1

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 ON HOUSING IN AREA SHOWN MEETS FCI SPECIFICATION GS-24-007.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-2272.
7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
8. MOUNTING HOLES ARE UNPLATED
   ∅ 2.25±0.05 FOR SOLDER TAILS

dr	Hai-Ling Liu	2015/11/24	projection	mm	size A2	scale 3:1
eng	Hai-Ling Liu	2015/12/02				
chr	Terris Liu	2015/12/02			ecn no -	
appr	Pei-Ming Zheng	2015/12/02	product family -		rel level Released	

FCI	title: HPCE CTB VERTICAL HEADER 4HP8S	dwg no 10137809	rev A
www.fci.com	cat. no. -	Product - Customer Drw	sheet 3 of 3

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