

DIM "A" TYP
TAIL LENGTH
(SEE TABLE)

spec ref	-	dr	Liu Jenson	2014/12/24	projection	mm	size	A2	scale	4:1			
tolerance std	ASME Y14.5	eng	Hai-Ling Liu	2015/01/18	chr	-	ecn no	-	rel level	Released			
surface	ASME Y14.5	appr	Pei-Ming Zheng	2015/01/18	product family	-	cat. no.	-	Product - Customer Drw	sheet 1 of 3			
		linear	0.X	±0.5	0.XX	±0.25	0.XXX	±0.1	angular	0°	±2°		
		www.fci.com		title		VERTICAL HEADER 16HP		HPCE CTB VERTICAL - HEADER		dwg no	10132925	rev	A

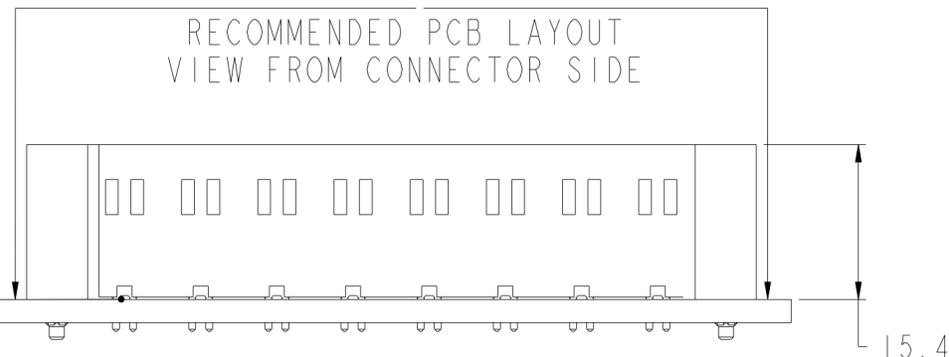
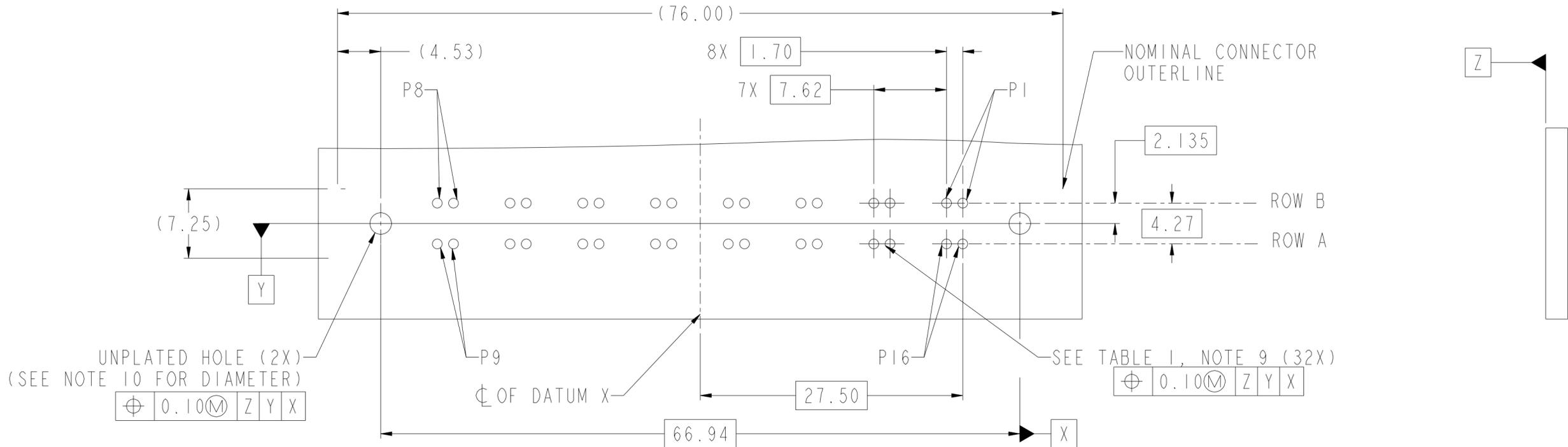
PDS: Rev :A

STATUS:Released

Printed: Jan 20, 2015

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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



SCALE 2:1

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eng	Hai-Ling Liu	2015/01/18			ecn no	-	rel level	Released
chr	-	-						
appr	Pei-Ming Zheng	2015/01/18	product family	-	cat. no.	-	Product - Customer Drw	sheet 2 of 3
			VERTICAL HEADER 16HP HPCE CTB VERTICAL - HEADER			dwg no 10132925		rev A

PRODUCT PART NUMBER

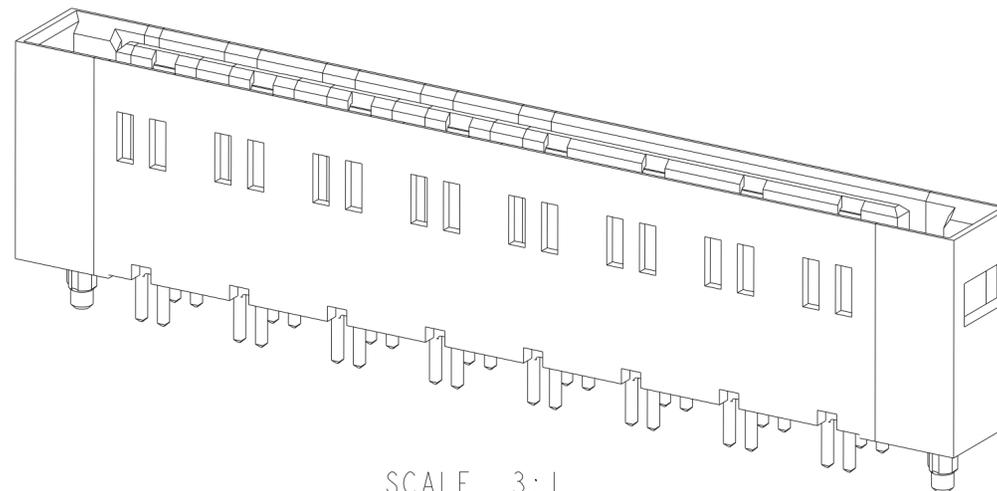
10132925-□□□□LF

BASE PART NUMBER

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

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

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)



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 (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
 \varnothing 2.25±0.05 FOR SOLDER TAILS

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www.fci.com			Product - Customer Drw		sheet 3 of 3			