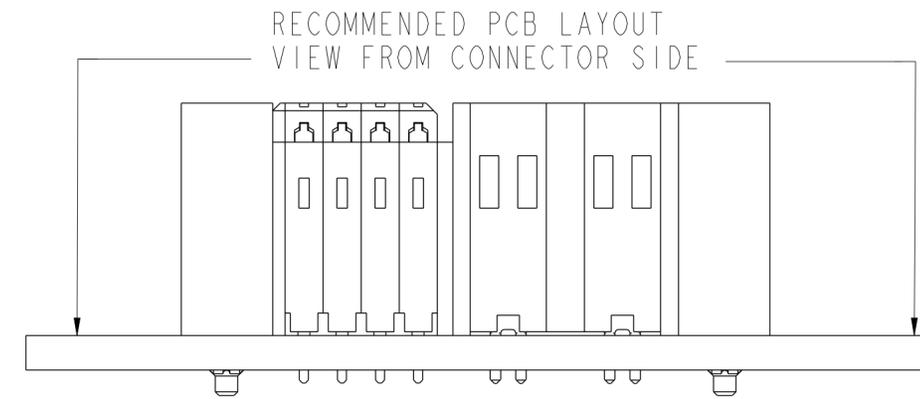
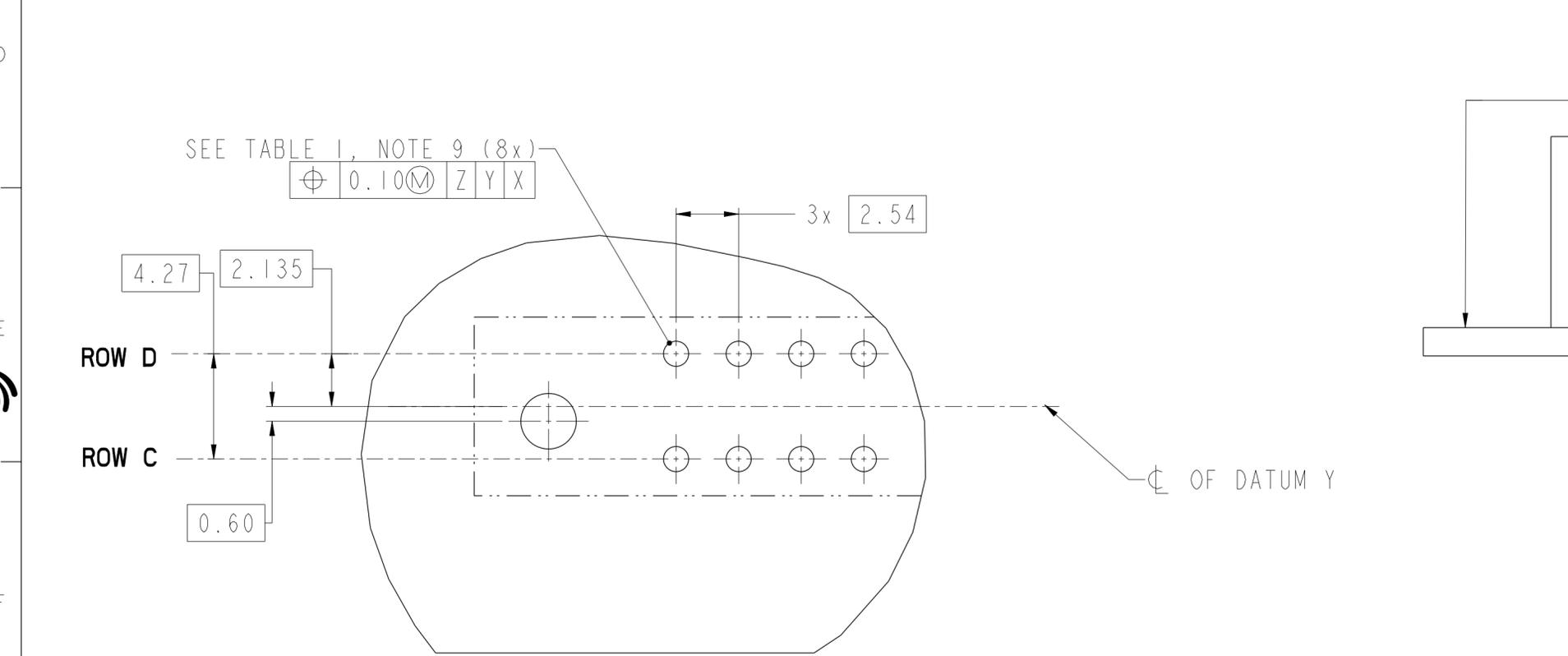
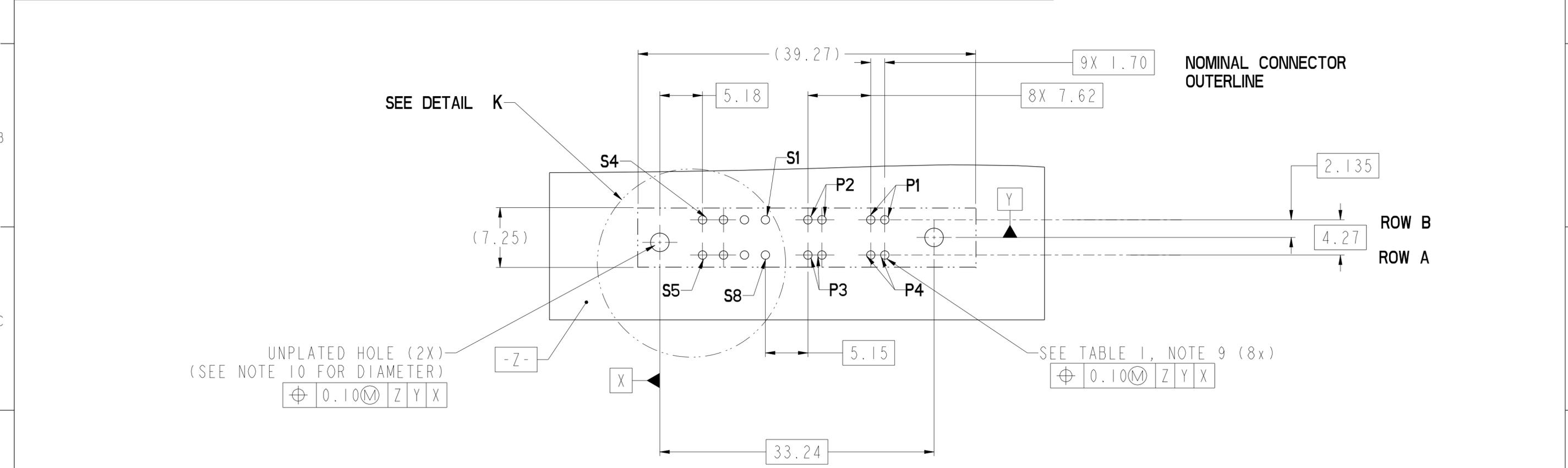


SECTION B-B
SCALE 4:1

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	eng	Hai-Ling Liu	2015/12/02			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2015/12/02			product family	HPCE CTB VERTICAL HEADER		dwg no
surface	ASME Y14.5	appr	Pei-Ming Zheng	2015/12/02	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 3	
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10									
angular	0° ±2°									

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



DETAIL K
SCALE 6:1

dr	Hai-Ling Liu	2015/11/24	projection	mm	size	A2	scale	3:1
eng	Hai-Ling Liu	2015/12/02		mm	ecn no	-	rel level	Released
chr	Terris Liu	2015/12/02						
appr	Pei-Ming Zheng	2015/12/02	product family	-	rel level	Released		
		HPCE CTB VERTICAL HEADER 4HP8S	cat. no.	Product - Customer Drw	sheet 2 of 3	rev A		

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PRODUCT PART NUMBER

10137809-□□□□ LF

BASE PART NUMBER

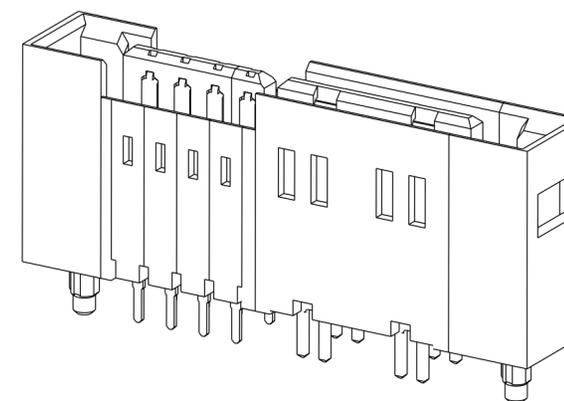
CONTACT AREA PLATING
 UNDERPLATED 50u"(1.27um) MIN. NICKEL
 1: 100u"(2.5um) MIN. Ag
 2: 30u"(0.760um) MIN. GXT

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)

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
 \varnothing 2.25±0.05 FOR SOLDER TAILS



SCALE 3:1

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dr	Hai-Ling Liu	2015/11/24	projection 	mm	size	A2	scale	3:1
eng	Hai-Ling Liu	2015/12/02			ecn no	-		
chr	Terris Liu	2015/12/02			rel level	Released		
appr	Pei-Ming Zheng	2015/12/02			product family	-		
		title HPCE CTB VERTICAL HEADER 4HP8S		dwg no 10137809	rev A			
www.fci.com		cat. no.	Product - Customer Drw		sheet 3 of 3			