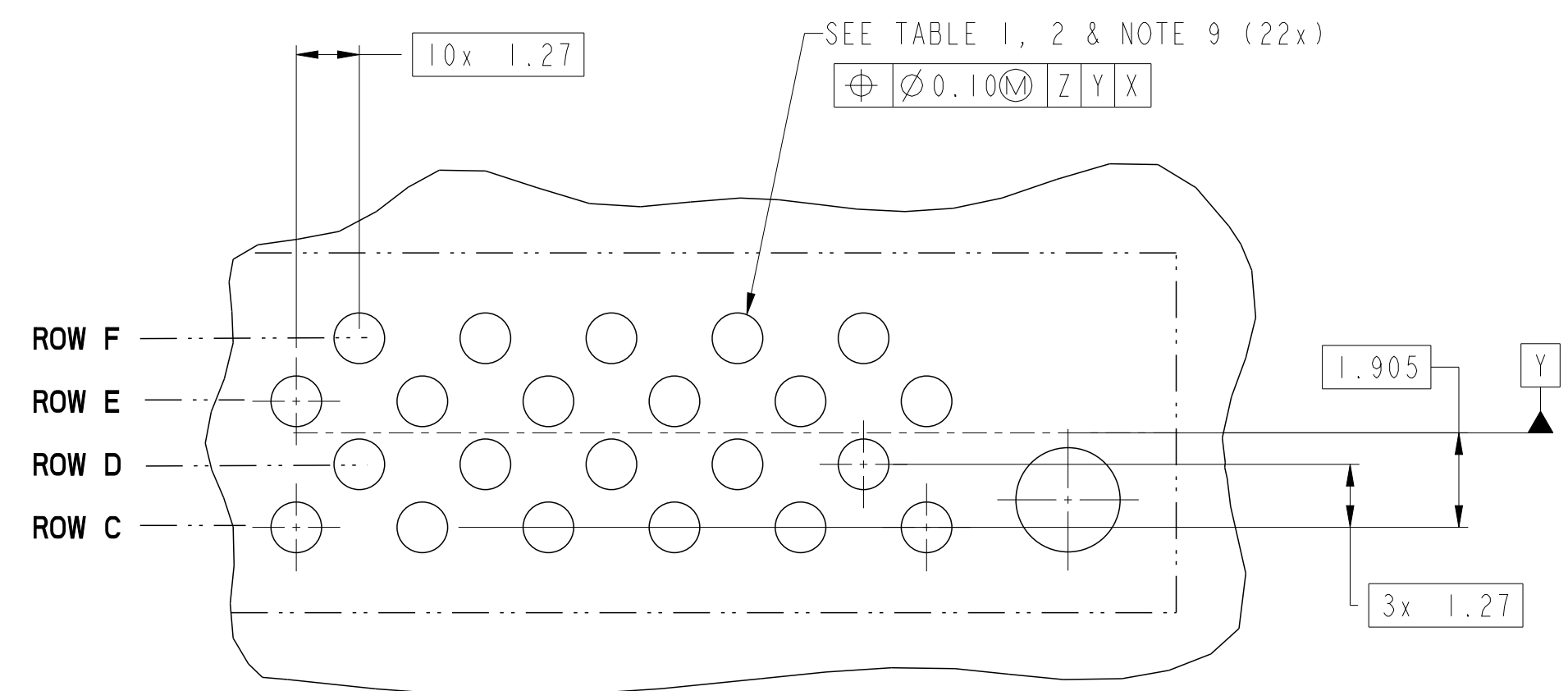
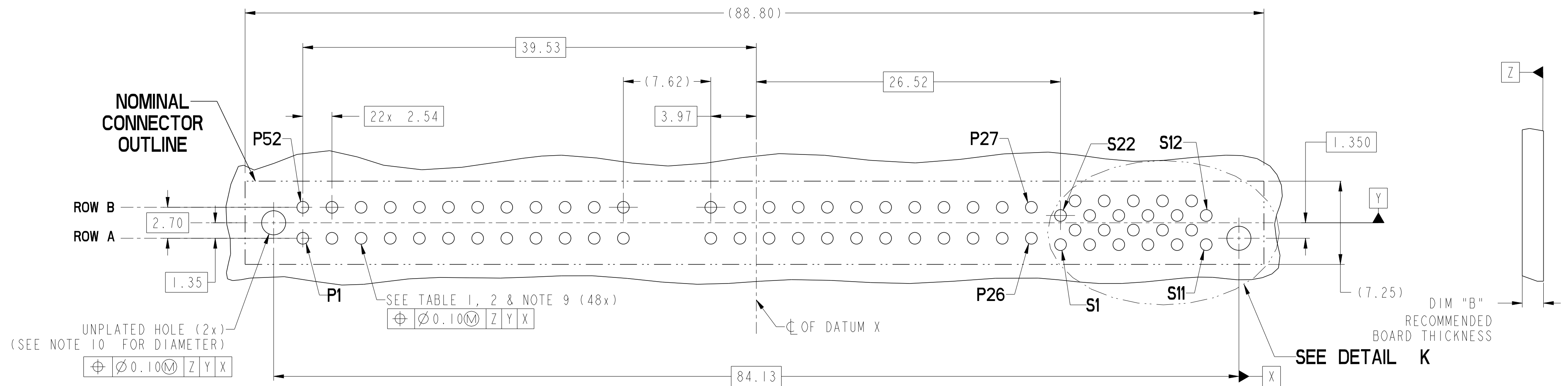
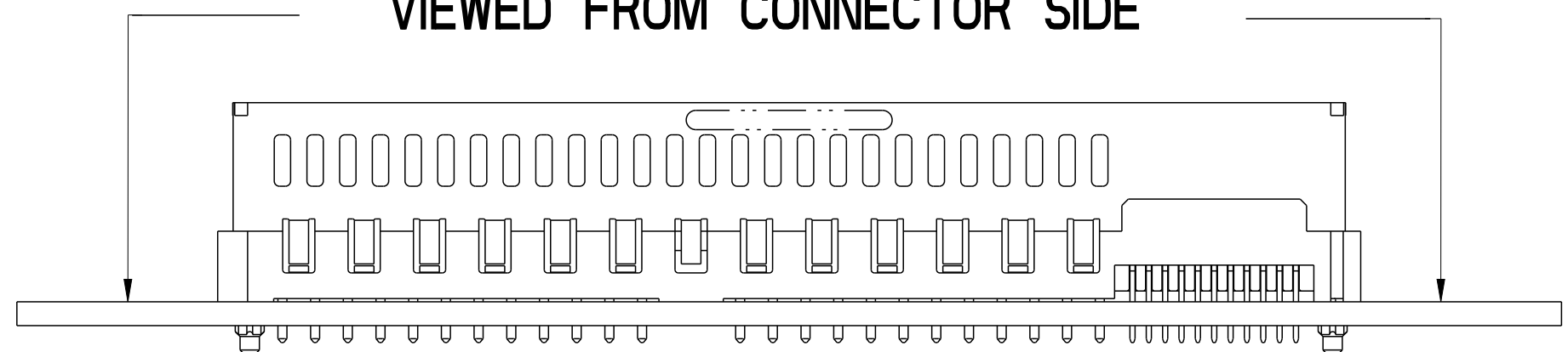


NOMINAL
CONNECTOR
OUTLINE



RECOMMENDED PCB LAYOUT VIEWED FROM CONNECTOR SIDE

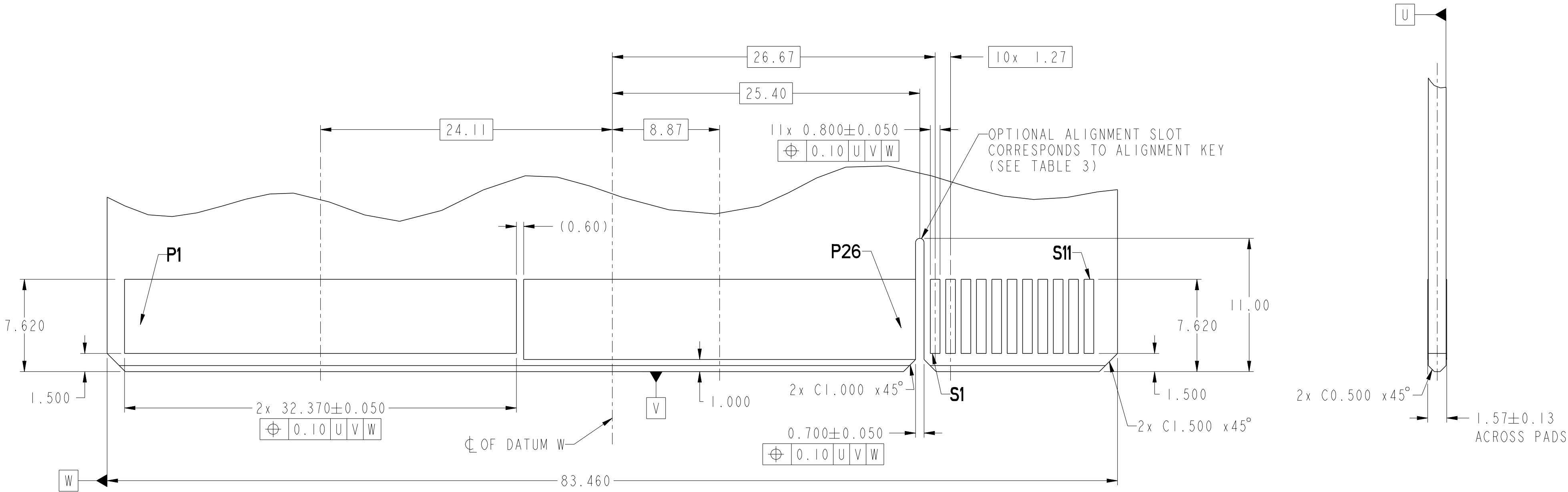


DETAIL K
SCALE 8:1

dr	Eric Jiang	2013/05/15	projection 	MM 	size	A2	scale	4:1	
eng	Eric Jiang	2013/06/24			ecn no	-			
chr	-	-			product family		CARD EDGE	rel level	Released
appr	Pei-Ming Zheng	2013/06/24							
			title		dwg no		rev		
			VERT RECT ASM (52P-22S) HIGH POWER CARD EDGE		10124028		A		
www.fci.com			cat. no.		-		Product - Customer Drw		sheet 2 of 4

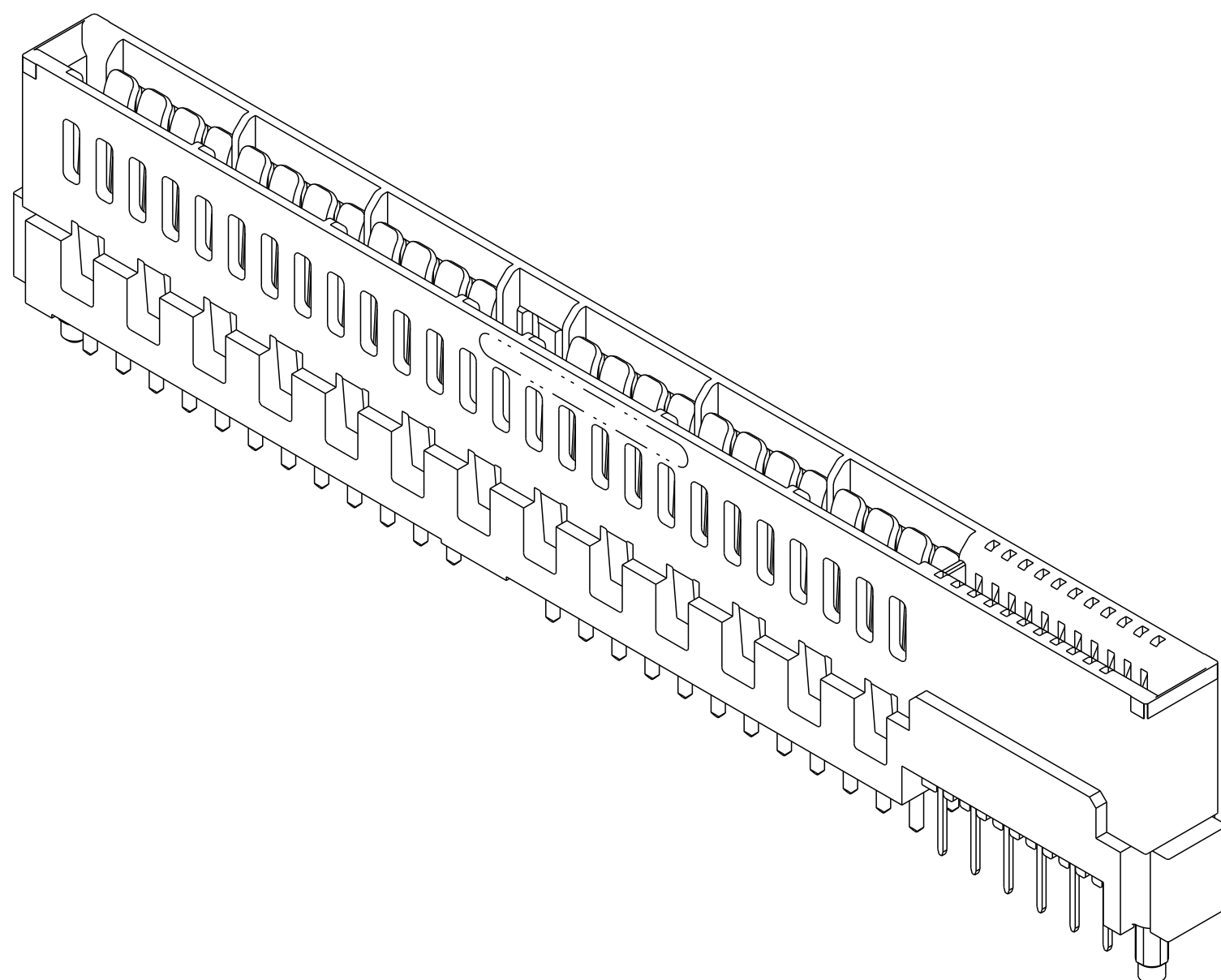
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN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

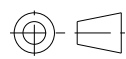
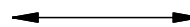
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



REFERENCE
PANDEMONIUM POWER SUPPLY BOARD

dr	Eric Jiang	2013/05/15	projection	MM	size	A2	scale	4:1
eng	Eric Jiang	2013/06/24			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2013/06/24	product family	CARD EDGE				
FCi		title			dwg no		rev	
www.fci.com		VERT RECT ASM (52P-22S) HIGH POWER CARD EDGE			10124028		A	
cat. no.		-			Product - Customer Drw		sheet 3 of 4	

1		2		3		4		5		6		7		8			
HPCE PART NUMBER (TABLE 3)																	
PART NUMBER		TAIL TYPE	ALIGNMENT KEY		DIM "A" TYPICAL TAIL LENGTH		DIM "B" RECOMMENDED BOARD THICKNESS										
10124028-001LF		SOLDER	YES		3.17 ±0.25		1.59 - 2.38										
10124028-002LF		SOLDER	NO														
10124028-003LF		PRESS-FIT	YES		3.17±0.25		1.57 MIN										
10124028-004LF		PRESS-FIT	NO														
NOTES: 1. CONNECTOR MATERIALS: HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK UL 94V-0 COMPLIANT CONTACTS: HIGH PERFORMANCE COPPER ALLOY. 2. CONTACT FINISH REF. GS-12-604 SECTION 5.2. 3. PRODUCT SPECIFICATION: GS-12-604. 4. APPLICATION SPECIFICATION: GS-20-128. 5. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN. 6. PACKAGING MEETS FCI SPECIFICATION GS-14-937. 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 2.40 +/- 0.1 FOR PRESS-FIT TAILS Ø 2.18 +/- 0.03 FOR SOLDER TAILS																	

dr	Eric Jiang	2013/05/15	projection 	MM 	size	A2	scale	4:1							
eng	Eric Jiang	2013/06/24			ecn no	-									
chr	-	-			rel level	Released									
appr	Pei-Ming Zheng	2013/06/24	product family	CARD EDGE											
www.fci.com			FCI		title		VERT RECT ASM (52P-22S) HIGH POWER CARD EDGE		dwg no		10124028		rev		A
cat. no.			-		Product - Customer Drw				sheet 4 of 4						