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SECTION C-C

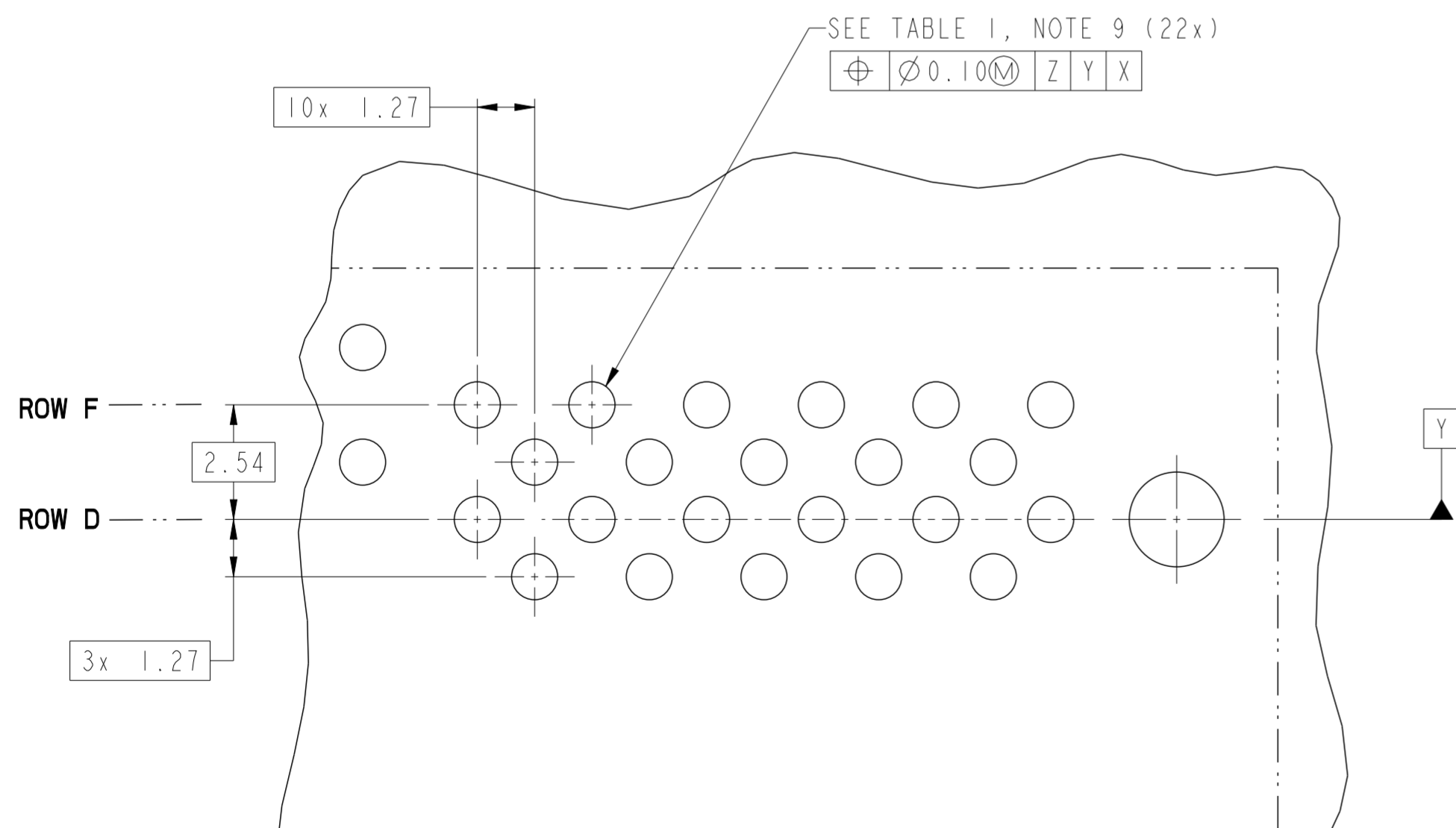
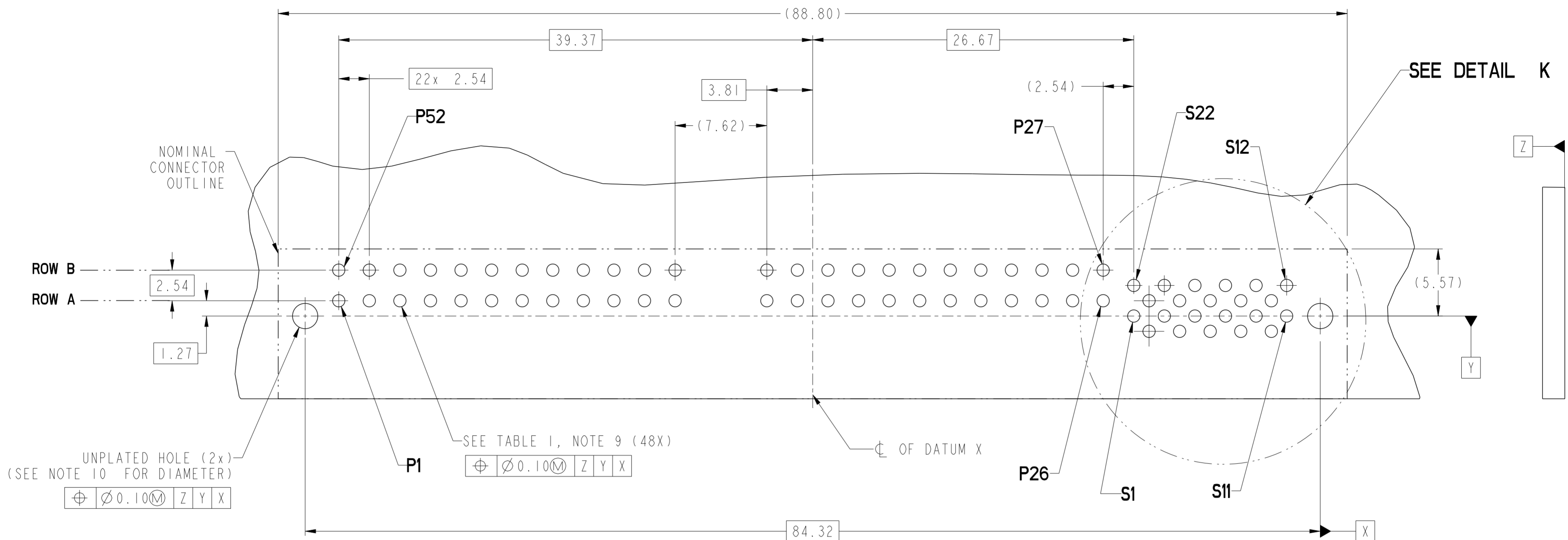
SECTION D-D

rev	ecn no	dr	date
A	-	ERIC	2013-05-27
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

spec ref	-	dr	Eric Jiang	2013/05/24						
tolerance std	ASME Y14.5	eng	Julia Wang	2013/06/21						
surface	✓	chr	-	-						
ASME Y14.5	linear	0.X	±0.50	0.XX	±0.25	0.XXX	±0.10	angular	0°	±2°

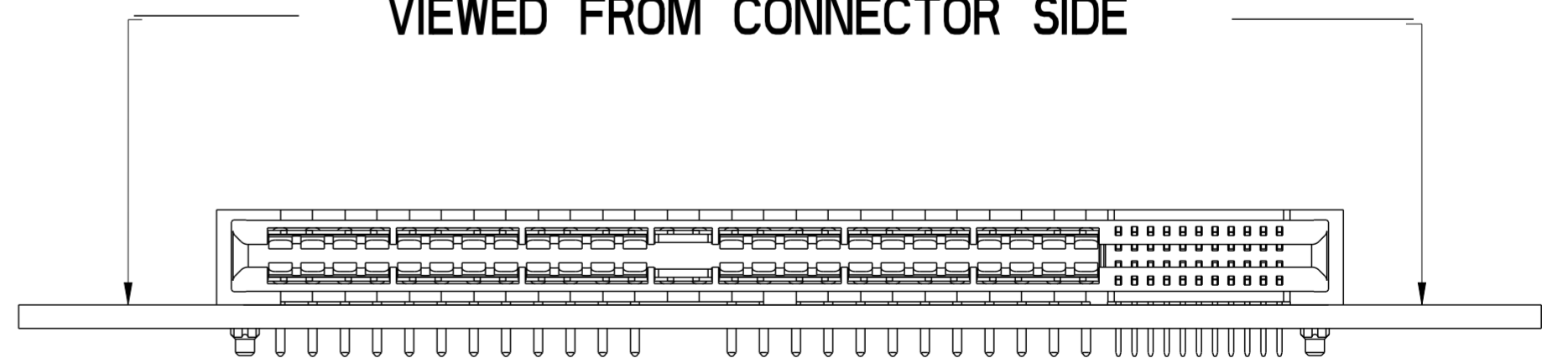
projection	MM	size	A2	scale	4:1
product family	HPCE	rel level	Released	ecn no	-

title	R/A RECEPT. ASM (52P-22S)	dwg no	10125815	rev	A
www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 4		



DETAIL K
SCALE 8:1

RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE



spec ref	-	dr	Eric Jiang	2013/05/24	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Julia Wang	2013/06/21	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2013/06/21	product family	HPCE	cat. no.	10125815	rev	A
ASME Y14.5	linear	0.X	±0.50	0.XX	±0.25	0.XXX	±0.10	angular	0°	±2°

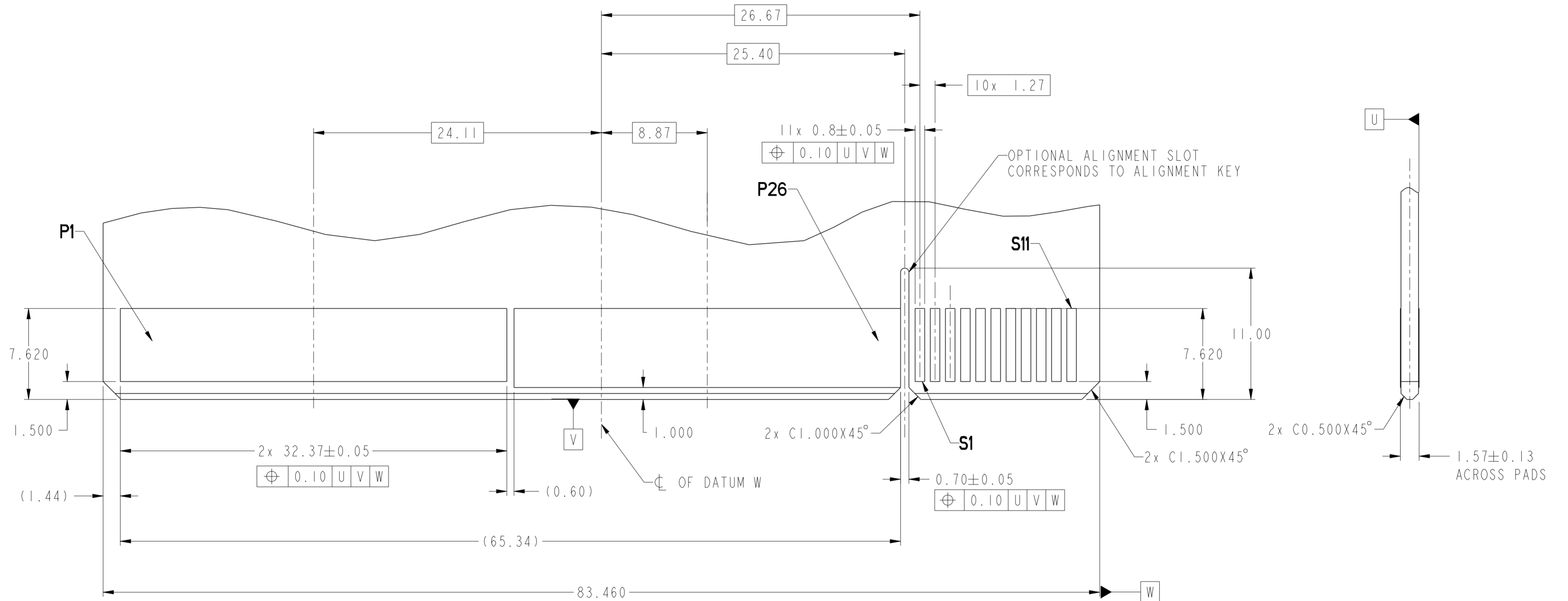
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R/A RECEPT. ASM (52P-22S)
HIGH POWER CARD EDGE

Product - Customer Draw

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



REFERENCE PANDEMONIUM POWER SUPPLY BOARD

spec ref	-	dr	Eric Jiang	2013/05/24	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Julia Wang	2013/06/21	chr	-	ecn no	-	rel level	Released
surface	linear	appr	Pei-Ming Zheng	2013/06/21	product family	HPCE	rel level	Released	cat. no.	-
ASME Y14.5	angular	0°	±2°	www.fci.com	title	R/A RECEPT. ASM (52P-22S) HIGH POWER CARD EDGE	dwg no	10125815	rev	A
Product - Customer Drw sheet 3 of 4										

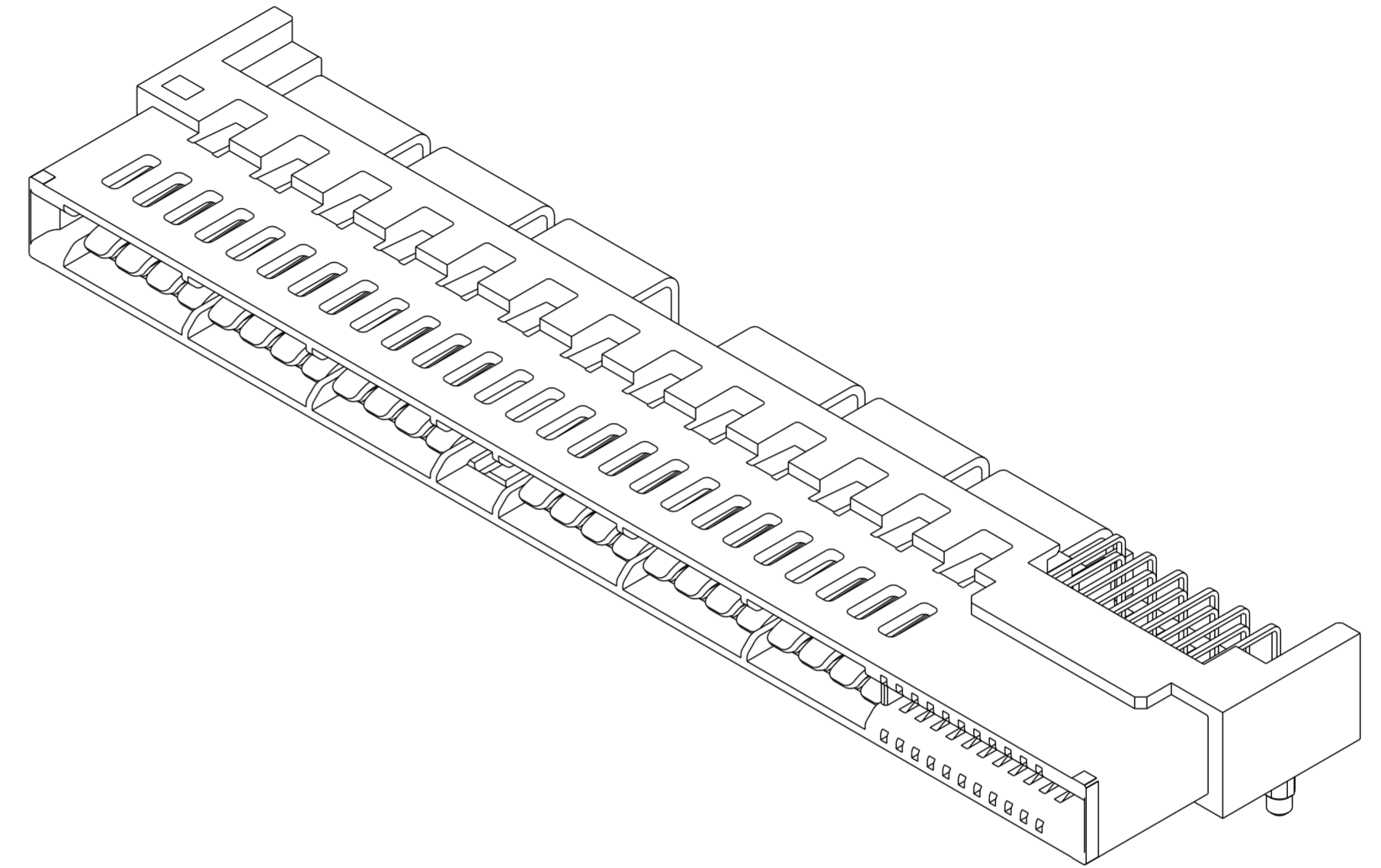
PDS: Rev :A

STATUS:Released

Printed: Jun 21, 2013

HPCE PART NUMBER (TABLE 2)

PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TAIL LENGTH ±0.25
10125815-001LF	SOLDER TAIL	YES	3.25
10125815-002LF		NO	3.25
10125815-003LF		YES	2.60
10125815-004LF		NO	2.60



NOTES:

- CONNECTOR MATERIALS:
 HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
 UL 94V-0 COMPLIANT
 CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-604 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-604.
- APPLICATION SPECIFICATION: GS-20-128.
- PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- PACKAGING MEETS FCI SPECIFICATION GS-14-937.
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- ALL HOLE SIZES ARE FINISHED HOLE SIZES.
- MOUNTING HOLES ARE UNPLATED
 \varnothing 2.18 +/- 0.03 FOR SOLDER TAILS

spec ref	-	dr	Eric Jiang	2013/05/24	projection	MM	size	A2	scale	4:1												
tolerance std	ASME Y14.5	eng	Julia Wang	2013/06/21			ecn no	-	rel level													
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			HPCE	rel level	Released													
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.50</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.25</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.10</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>	linear	0.X	±0.50		0.XX	±0.25		0.XXX	±0.10	angular	0°	±2°	appr	Pei-Ming Zheng	2013/06/21		title R/A RECEPT. ASM (52P-22S) HIGH POWER CARD EDGE	dwg no 10125815	rev A		
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ASME Y14.5	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4																	