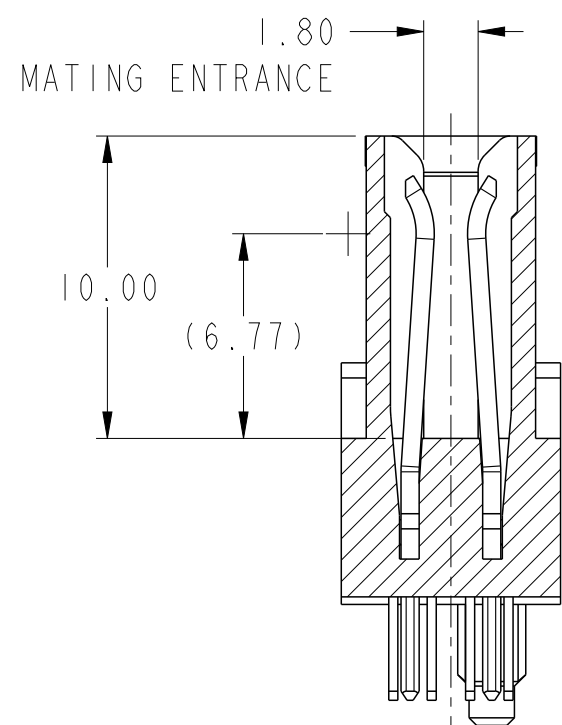
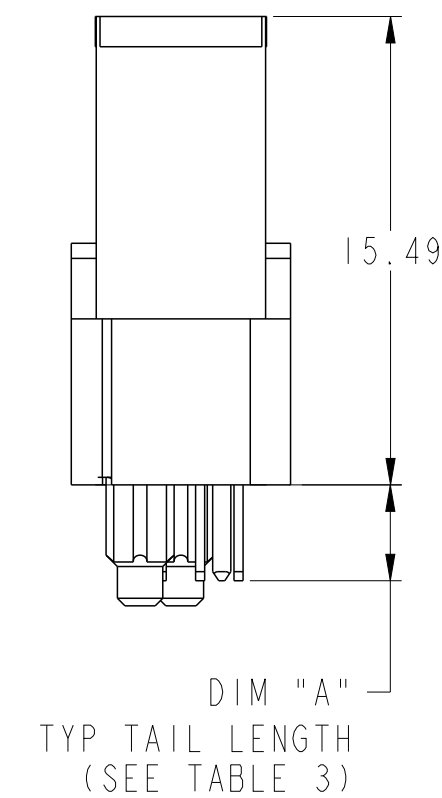
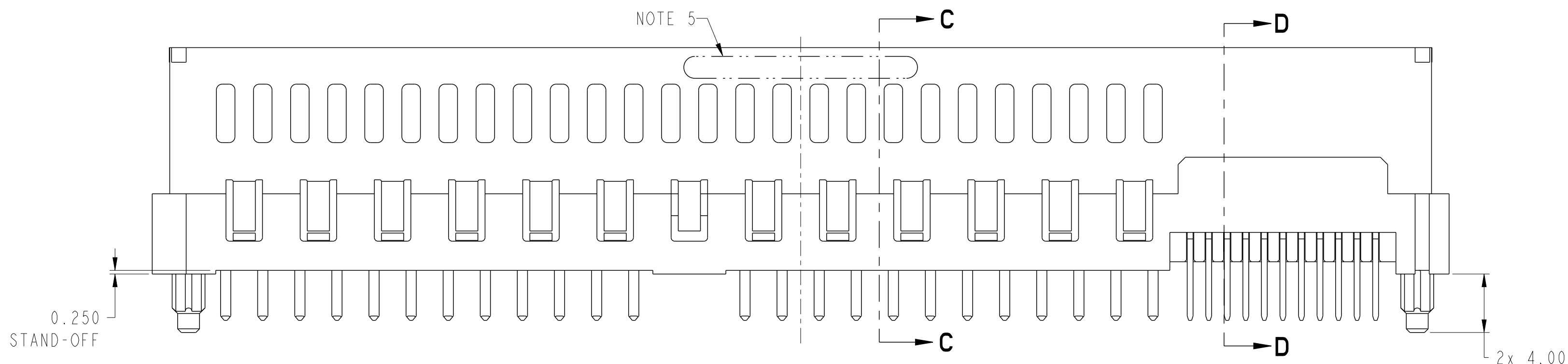
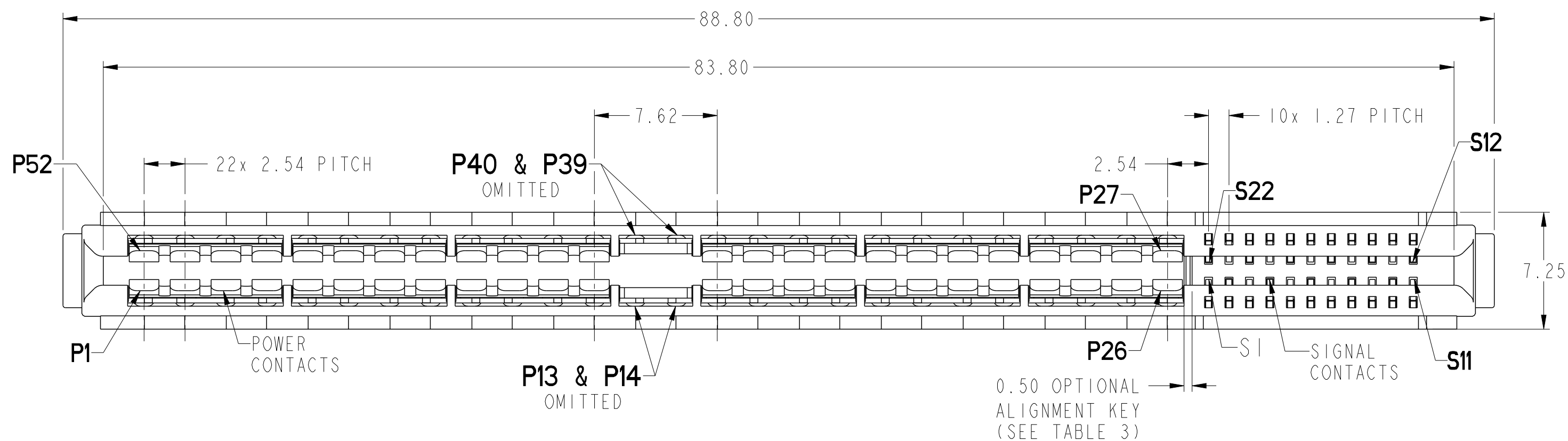
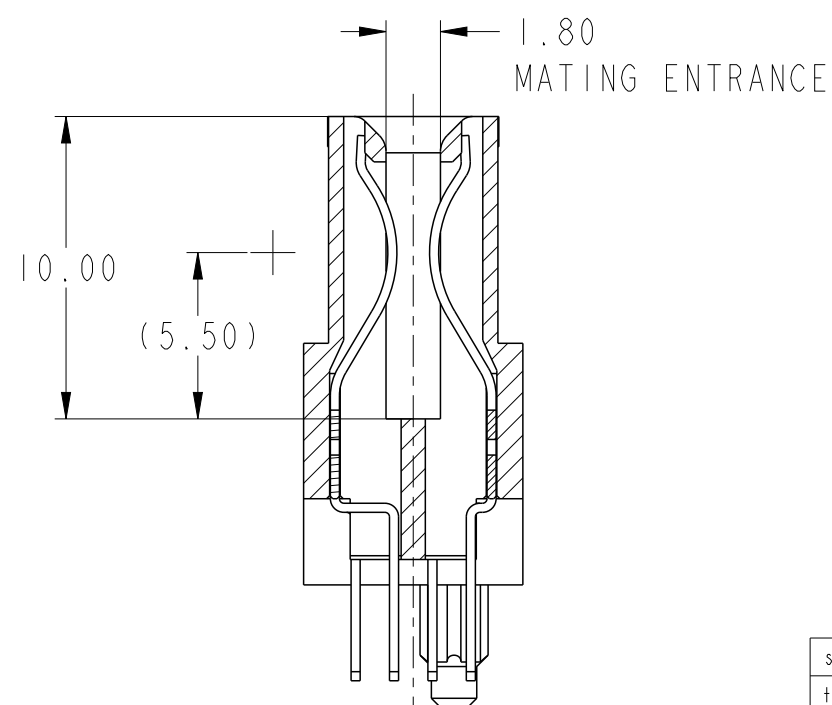




SECTION C-C
SCALE 4:1



SECTION D-D
SCALE 4:1

spec ref	-	dr	Eric Jiang	2013/05/15	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Eric Jiang	2013/06/24	chr	-	ecn no	-	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2013/06/24	product family	CARD EDGE	cat. no.	-	Product - Customer Drw	sheet 1 of 4
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	title	VERT RECT ASM (52P-22S) HIGH POWER CARD EDGE			dwg no	10124028	rev	A	
angular	0° ±2°	www.fci.com								

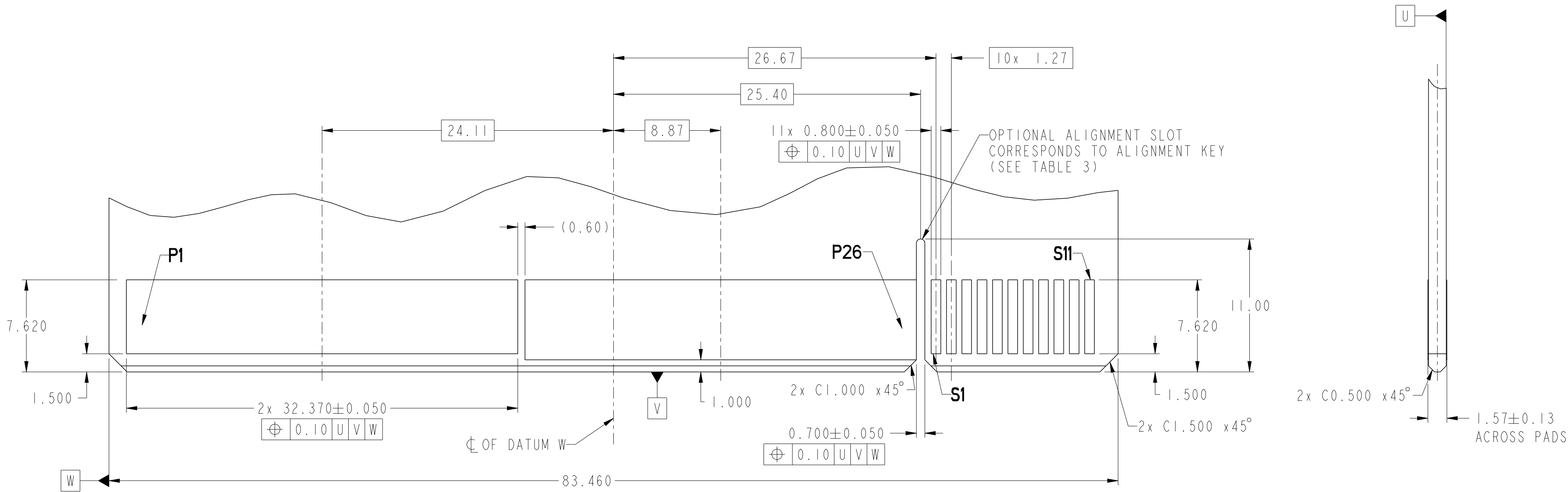
PDS: Rev :A

STATUS:Released

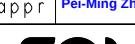
Printed: Jun 24, 2013

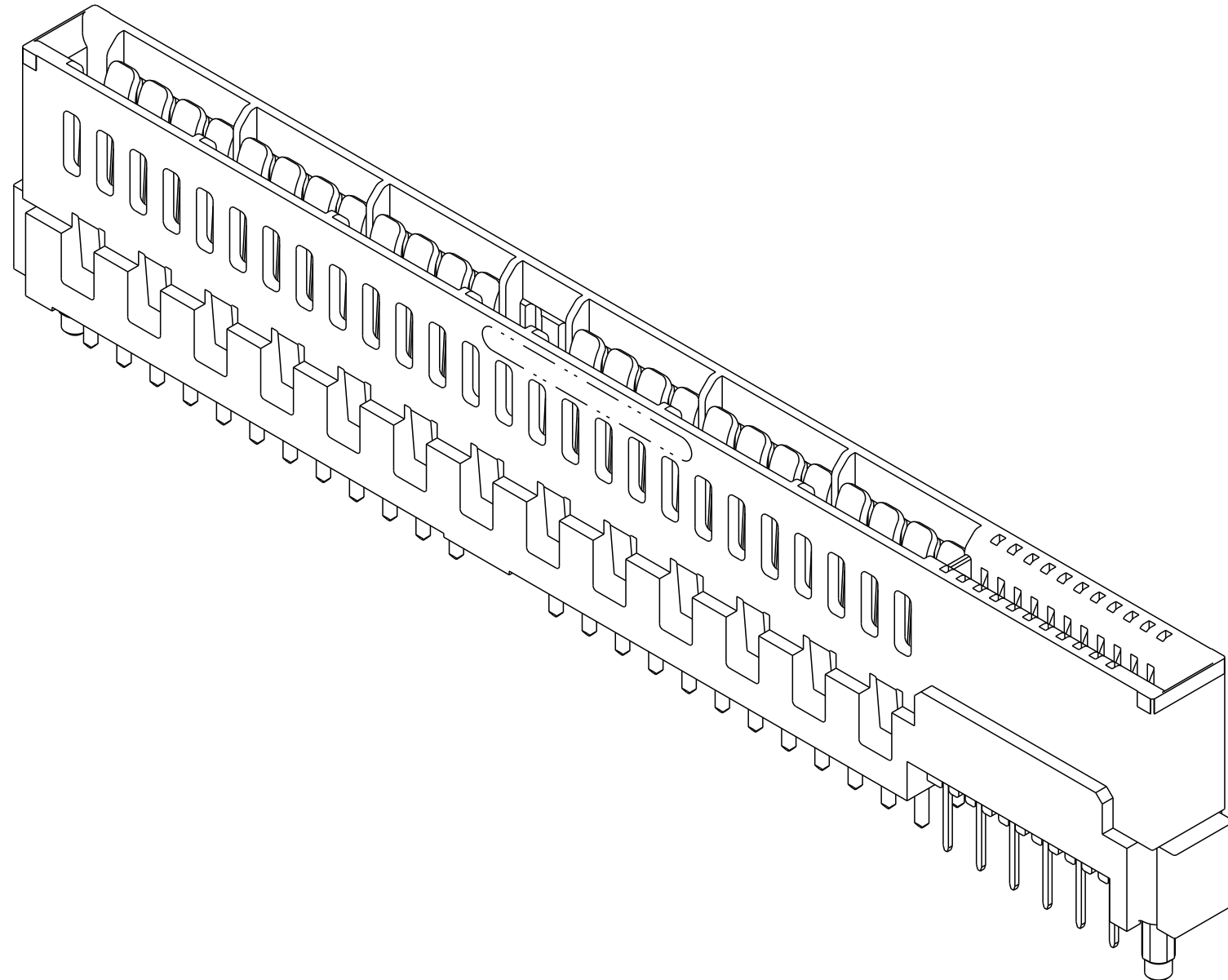
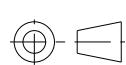
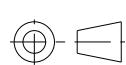
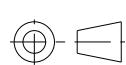
1		2		3		4		5		6		7		8	
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS													
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER									
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	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									

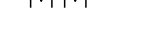
B	CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
			DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
			TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--
			IMMERSION TIN	0.81-0.86 (0.85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



REFERENCE
PANDEMONIUM POWER SUPPLY BOARD

dr	Eric Jiang	2013/05/15		 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			
	title	VERT RECT ASM (52P-22S)			dwg no	10124028		rev
		HIGH POWER CARD EDGE				A		
www.fci.com	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								<table><tr><td colspan="2">dr</td><td colspan="2">Eric Jiang</td><td colspan="2">2013/05/15</td><td colspan="2">projection</td><td colspan="2">MM</td><td colspan="2">size</td><td colspan="2">A2</td><td colspan="2">scale</td></tr><tr><td colspan="2">eng</td><td colspan="2">Eric Jiang</td><td colspan="2">2013/06/24</td><td colspan="2" rowspan="2"></td><td colspan="2" rowspan="2">← →</td><td colspan="2">ecn no</td><td colspan="2">-</td><td colspan="2"></td></tr><tr><td colspan="2">chr</td><td colspan="2">-</td><td colspan="2">-</td><td colspan="2"></td></tr><tr><td colspan="2">appr</td><td colspan="2">Pei-Ming Zheng</td><td colspan="2">2013/06/24</td><td colspan="2">product family</td><td colspan="2">CARD EDGE</td><td colspan="2">rel level</td><td colspan="2">Released</td><td colspan="2">rev</td></tr><tr><td colspan="2" rowspan="2"></td><td colspan="2">title</td><td colspan="6">VERT RECT ASM (52P-22S)</td><td colspan="2">dwg no</td><td colspan="2">10124028</td><td colspan="2">rev</td></tr><tr><td colspan="2"></td><td colspan="6">HIGH POWER CARD EDGE</td><td colspan="2"></td><td colspan="2"></td><td colspan="2">A</td></tr><tr><td colspan="2">www.fci.com</td><td colspan="2">cat. no.</td><td colspan="2">-</td><td colspan="2">Product - Customer Drw</td><td colspan="2"></td><td colspan="2">sheet 4 of 4</td><td colspan="2"></td><td colspan="2"></td></tr></table>								dr		Eric Jiang		2013/05/15		projection		MM		size		A2		scale		eng		Eric Jiang		2013/06/24				← →		ecn no		-				chr		-		-				appr		Pei-Ming Zheng		2013/06/24		product family		CARD EDGE		rel level		Released		rev				title		VERT RECT ASM (52P-22S)						dwg no		10124028		rev				HIGH POWER CARD EDGE										A		www.fci.com		cat. no.		-		Product - Customer Drw				sheet 4 of 4					
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eng	Eric Jiang	2013/06/24			ecn no	-			
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product family			CARD EDGE						
	title	VERT RECT ASM (52P-22S)			dwg no	10124028		rev	
		HIGH POWER CARD EDGE							
www.fci.com		cat. no.	-	Product - Customer Drw			sheet 4 of 4		