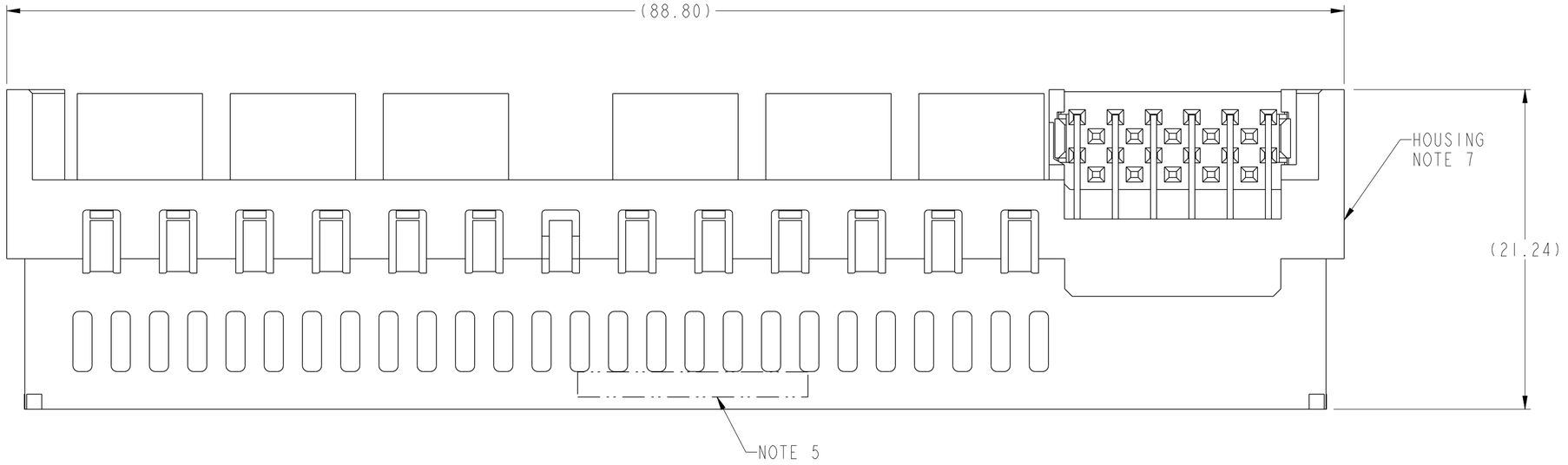
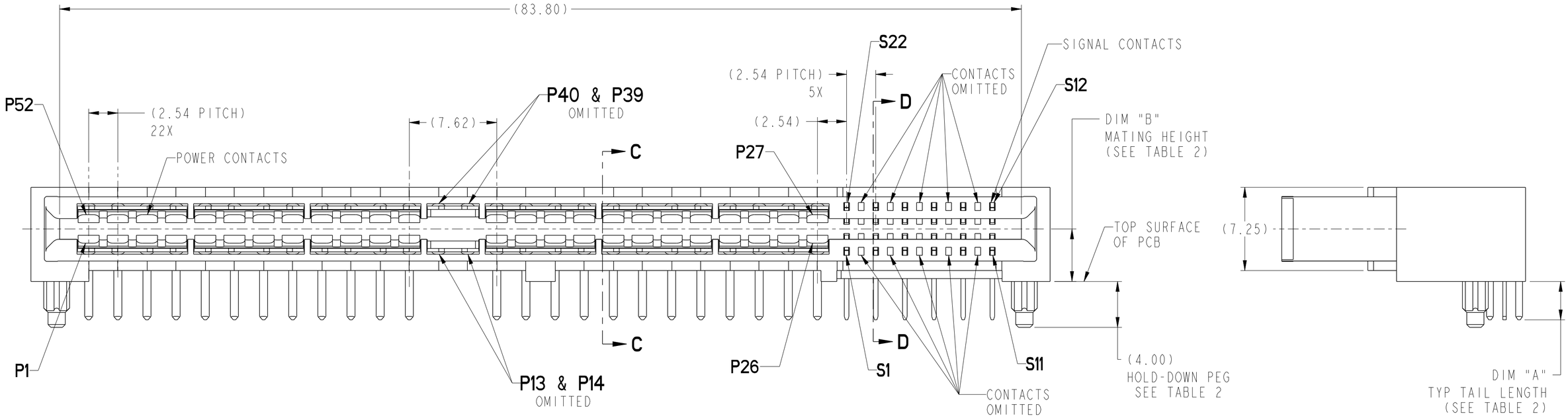
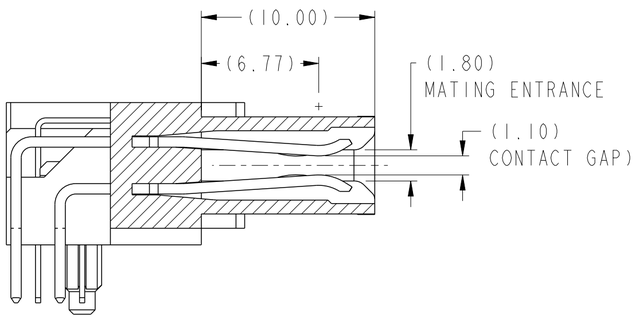
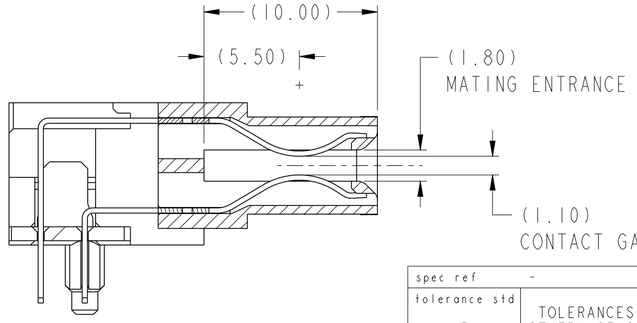






SECTION C-C



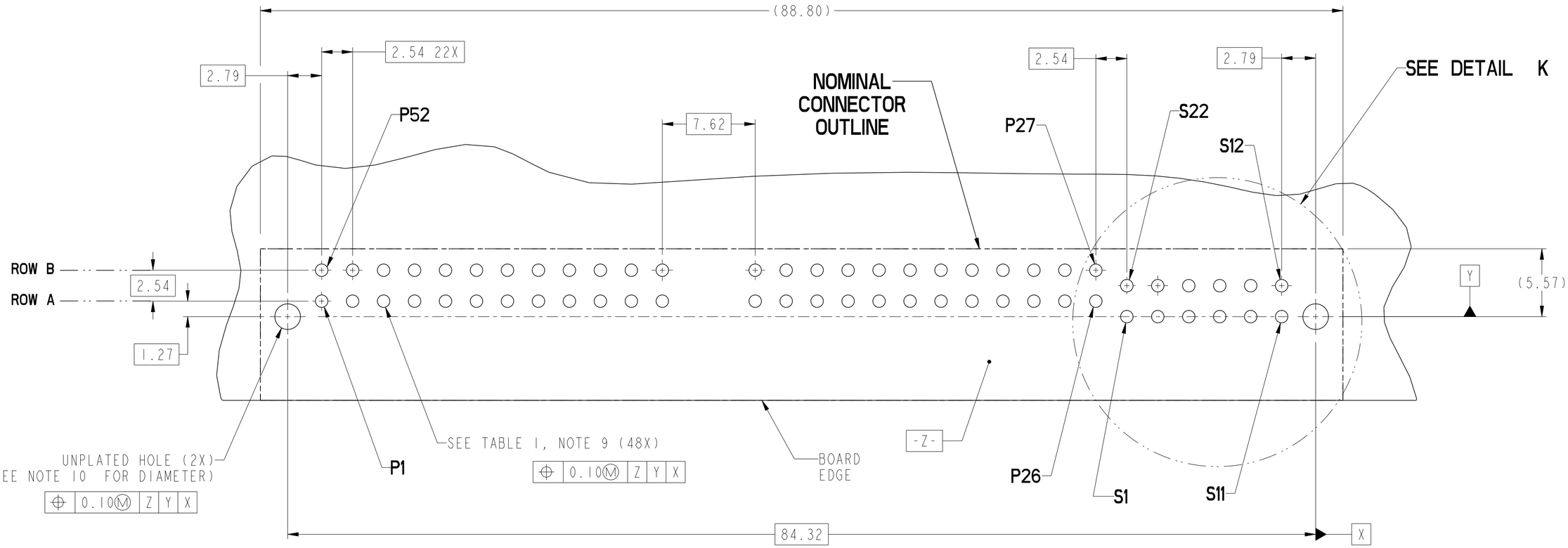
SECTION D-D

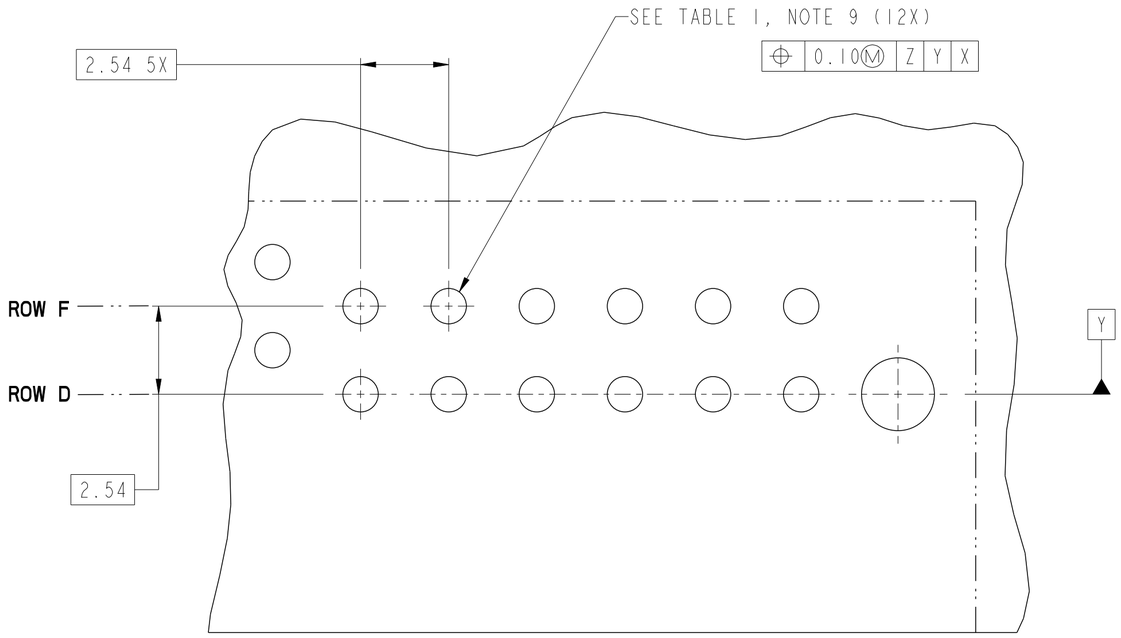
rev	ecn no	dr	date
A	-	WL	2011-11-28
	-		
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

spec ref	-	dr	Wei-Long Zhang	2011/08/16	projection	MM	size A2 / scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Wei-Long Zhang	2011/11/28			ecn no -
		chr	Jon Qin	2011/11/28			
		appr	Pei-Ming Zheng	2011/11/29	product family	HPCE	rel level Released

surface - ASME Y14.5				title	dwg no	rev
	linear	0.X	±0.3	R/A RECT (52P-22S) HIGH POWER CARD EDGE	10111743-010	A
		0.XX	±0.10			
		0.XXX	±0.050			
	angular	0°	±2°	www.fci.com cat. no. -	Product - Customer Drw	sheet 1 of 4

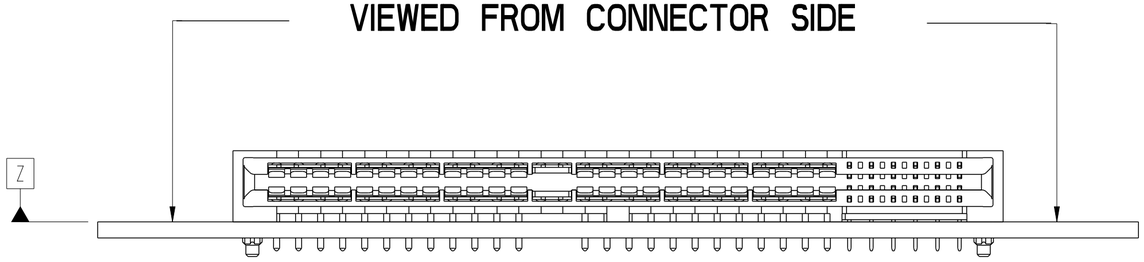
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DETAIL K
SCALE 8:1

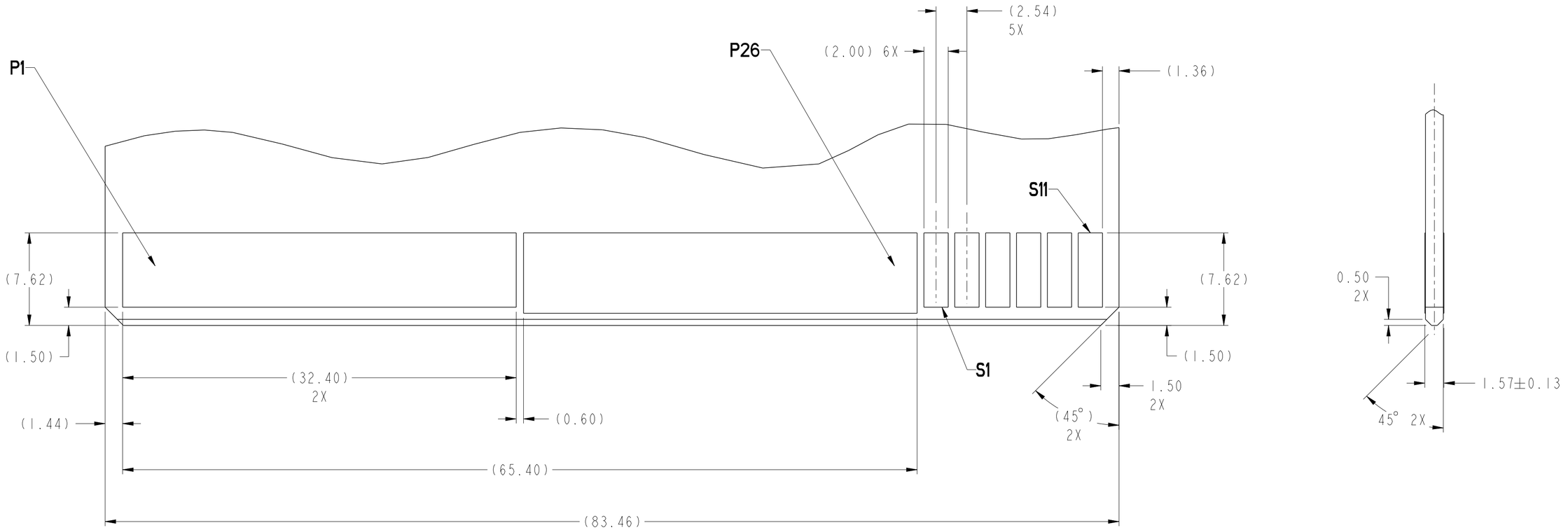
RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE



spec ref -			dr	Wei-Long Zhang	2011/08/16	projection	MM	size A2 / scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Wei-Long Zhang	2011/11/28			
			chr	Jon Qin	2011/11/28			ecn no -
			appr	Pei-Ming Zheng	2011/11/29	product family HPCE		rel level Released
surface - ASME Y14.5	linear	0.X ±0.3	FCI	title	R/A RECT (52P-22S) HIGH POWER CARD EDGE		dwg no 10111743-010	rev A
		0.XX ±0.10						
		0.XXX ±0.050						
	angular	0° ±2°	www.fci.com	cat. no. -	Product - Customer Drw			sheet 2 of 4

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CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE I (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

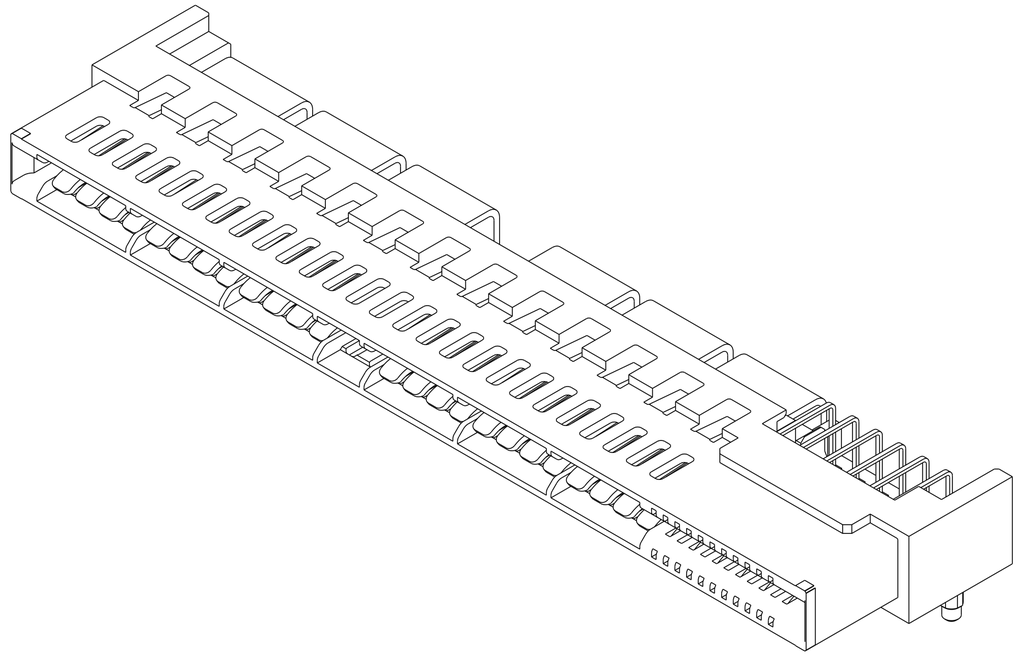


REFERENCE
PANDEMONIUM POWER SUPPLY BOARD

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spec ref	-		dr	Wei-Long Zhang	2011/08/16	projection	MM	size A2	scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Wei-Long Zhang	2011/11/28				
			chr	Jon Qin	2011/11/28			ecn no	-
			appr	Pei-Ming Zheng	2011/11/29	product family	HPCE	rel level	Released
surface - ASME Y14.5	linear	0.X ±0.3	FCI	title	R/A RECT (52P-22S) HIGH POWER CARD EDGE			dwg no 10111743-010	rev A
		0.XX ±0.10							
		0.XXX ±0.050							
	angular	0° ±2°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 3 of 4	

HPCE PART NUMBER (TABLE 2)					
PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TAIL LENGTH	DIM "B" MATING LENGTH
10111743-010LF	SOLDER TAIL	YES	NO	2.50+0.35/-0.15	(3.88)



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 NUMBNER & 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 2.10 +/- 0.1 FOR SOLDER TAILS

Copyright FCI.

spec ref -			dr	Wei-Long Zhang	2011/08/16	projection	MM	size A2	scale 4:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Wei-Long Zhang	2011/11/28			ecn no	-
			chr	Jon Qin	2011/11/28				
			appr	Pei-Ming Zheng	2011/11/29	product family	HPCE	rel level	Released
surface - ASME Y14.5	linear	0.X ±0.3	www.fci.com			title	R/A RECT (52P-22S) HIGH POWER CARD EDGE	dwg no	10111743-010 rev A
		0.XX ±0.10							
		0.XXX ±0.050							
	angular	0° ±2°	cat. no. -			Product - Customer Drw		sheet 4 of 4	