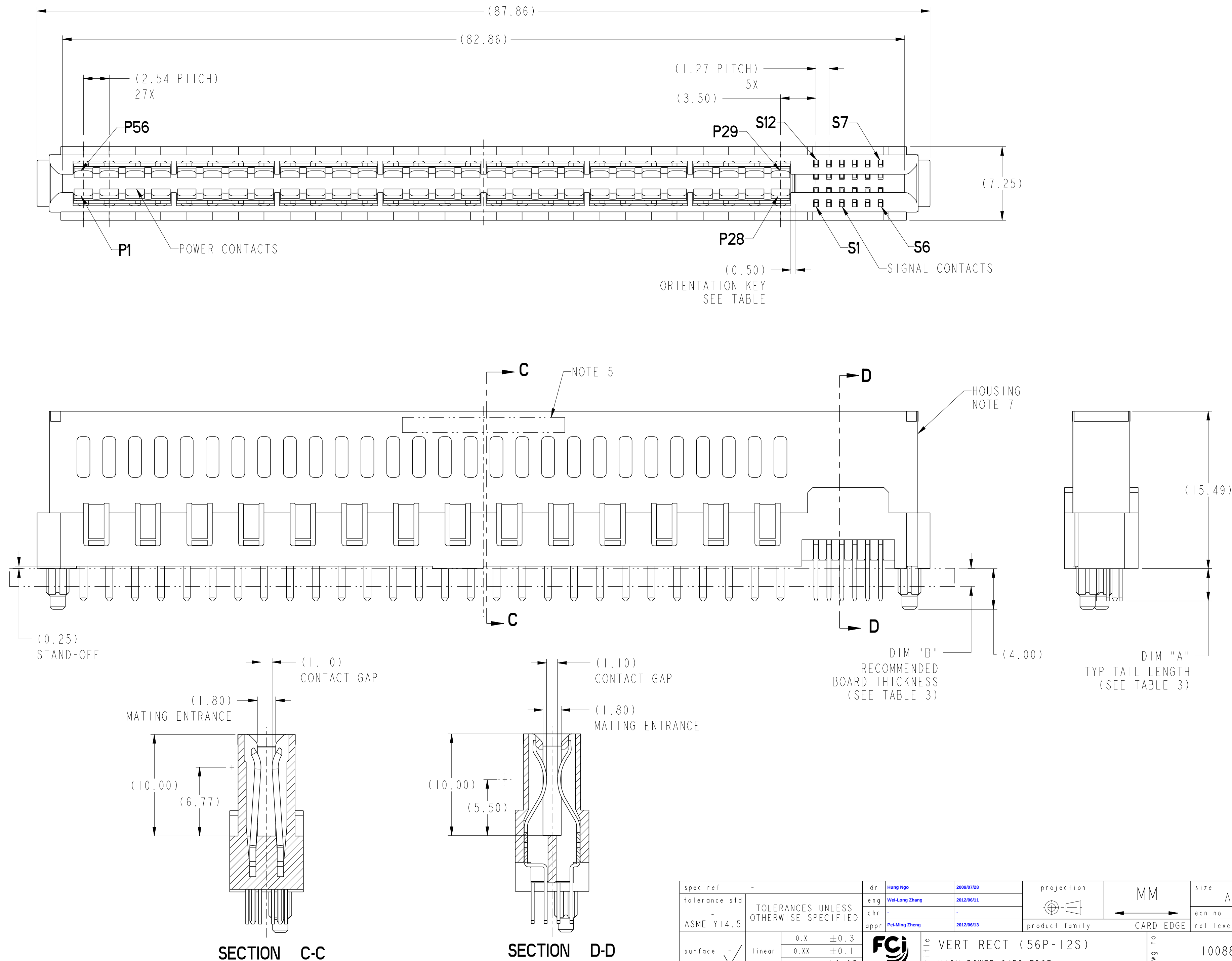
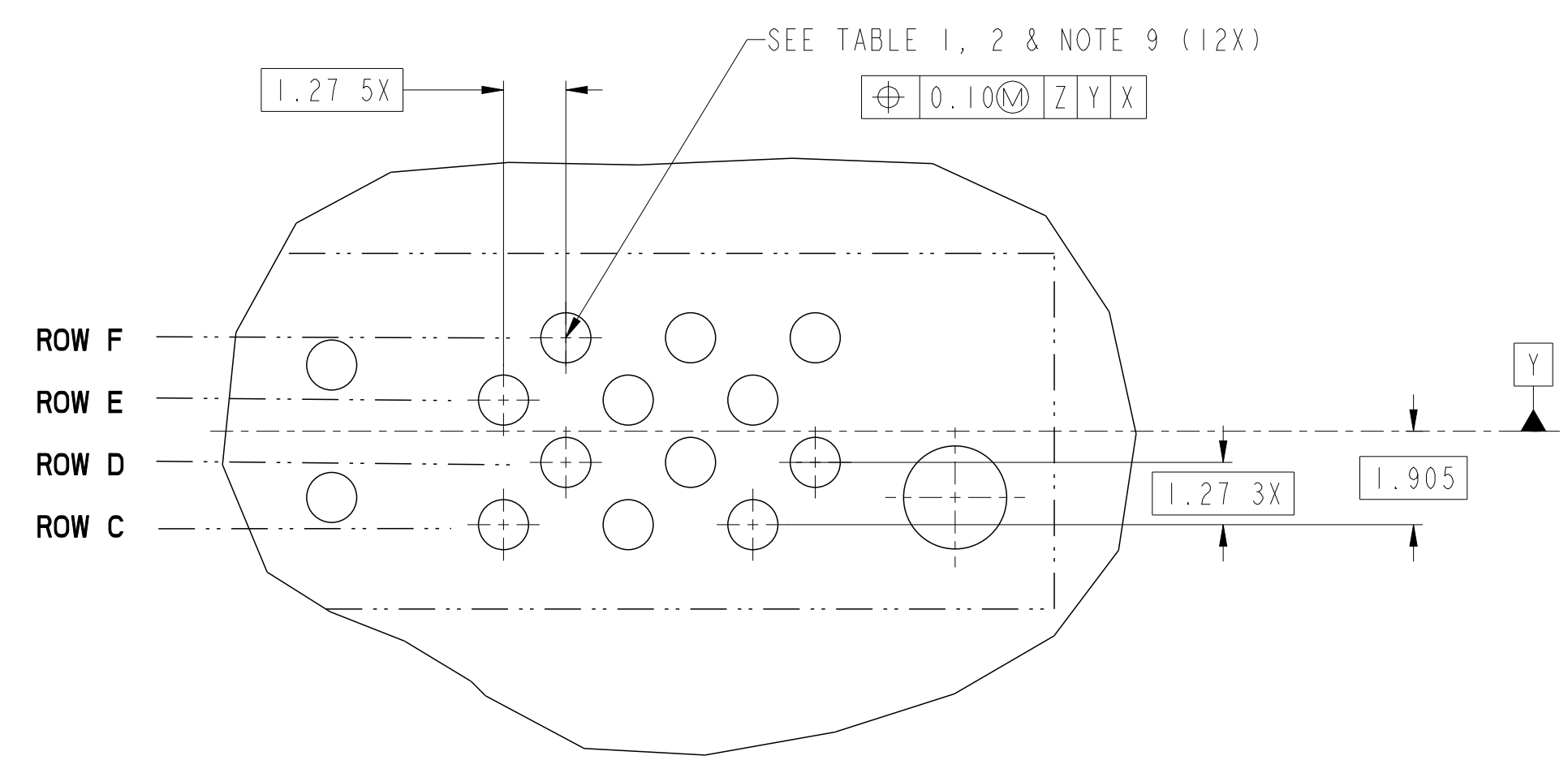
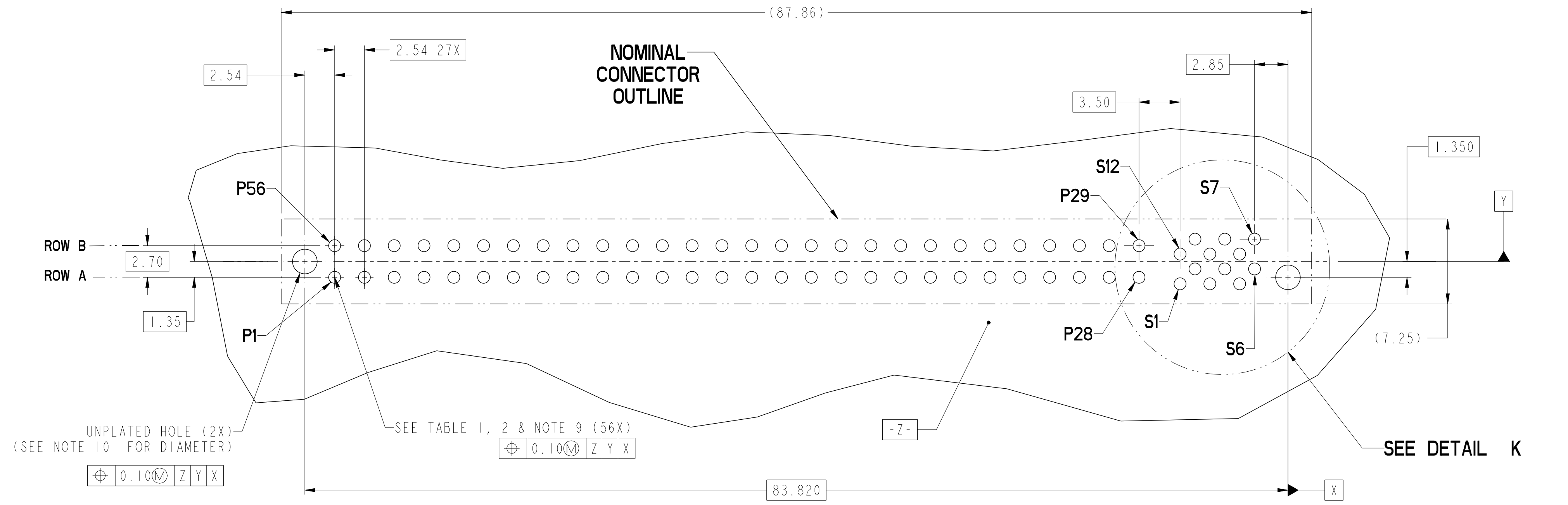


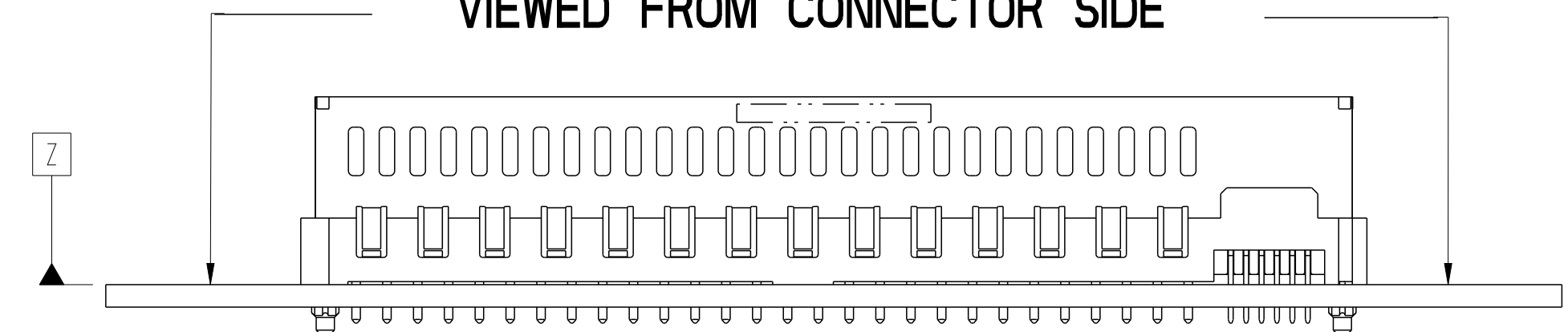


spec ref		-		dr		Hung Ngo		2009/07/28		projection		MM		size		A2		scale		4:1					
tolerance std		-		eng		Wei-Long Zhang		2012/06/11						ecn no		ELX-DG-011891-1									
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-						product family		CARD EDGE		rel level		Released					
surface		✓		appr		Pei-Ming Zheng		2012/06/13						dwg no		10088418		rev		F					
ASME Y14.5		linear		0.X		±0.3		FCI		title		VERT RECT (56P-12S)		HIGH POWER CARD EDGE		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 4	
		angular		0°		±°																			

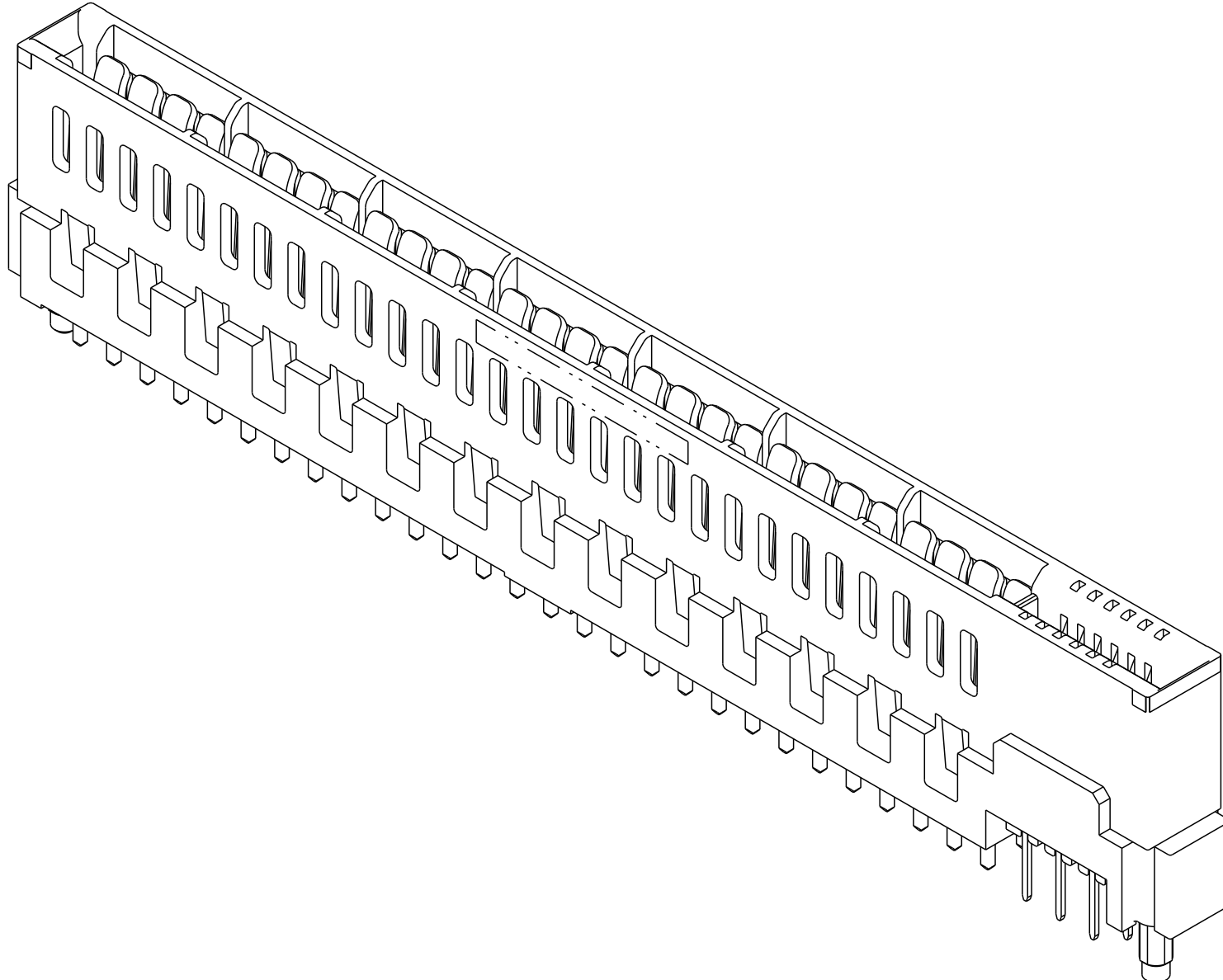


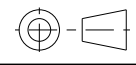
DETAIL K
SCALE 8:1

RECOMMENDED PCB LAYOUT VIEWED FROM CONNECTOR SIDE



spec ref	-	dr	Hung Ngo	2009/07/28	projection	MM	size	A2	scale	4:1
tolerance std	-	eng	Wei-Long Zhang	2012/06/11		MM	ecn no	ELX-DG-011891-1	rel level	Released
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	-	-						
surface	✓	appr	Pei-Ming Zheng	2012/06/13						
ASME Y14.5	linear	0.X	±0.3	0.XX	±0.1	0.XXX	±0.05	angular	0°	±0°
		FCI		title		VERT RECT (56P-12S)		dwg no		10088418
		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4

1		2		3		4		5		6		7		8									
HPCE PART NUMBER (TABLE 3)																							
PART NUMBER		TAIL TYPE	ORIENTATION KEY		DIM "A" TYPICAL TAIL LENGTH		DIM "B" RECOMMENDED BOARD THICKNESS																
I0088418-001LF		SOLDER	YES		3.17 ±0.25		1.59 - 2.38																
I0088418-002LF		SOLDER	NO																				
I0088418-003		PRESS-FIT	YES		3.17 ±0.25		1.57 MIN																
I0088418-003LF		PRESS-FIT	YES																				
I0088418-004		PRESS-FIT	NO																				
I0088418-004LF		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 2.10 +/- 0.1 FOR SOLDER TAILS Ø 2.40 +/- 0.1 FOR SOLDER TAILS(Note: To reduce insertion force of connector to PCB, mounting hole diameter can be 2.40 +/- 0.1, provided fixturing is used during soldering to hold connector in place.)																							
PDS: Rev :F								STATUS:Released								Printed: Jun 13, 2012							

spec ref -				dr Hung Ngo		2009/07/28		projection		MM		size A2		scale 4:1			
tolerance std -		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Wei-Long Zhang		2012/06/11						ecn no		ELX-DG-011891-1			
ASME Y14.5				chr -		-						rel level		Released			
				appr Pei-Ming Zheng		2012/06/13						product family		CARD EDGE			
surface 		linear				title		VERT RECT (56P-12S)		dwg no		10088418		rev F			
		0.X														±0.3	
		0.XX														±0.1	
ASME Y14.5		angular		0°		±°		www.fci.com		cat. no. -		Product - Customer Drw		sheet 4 of 4			

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