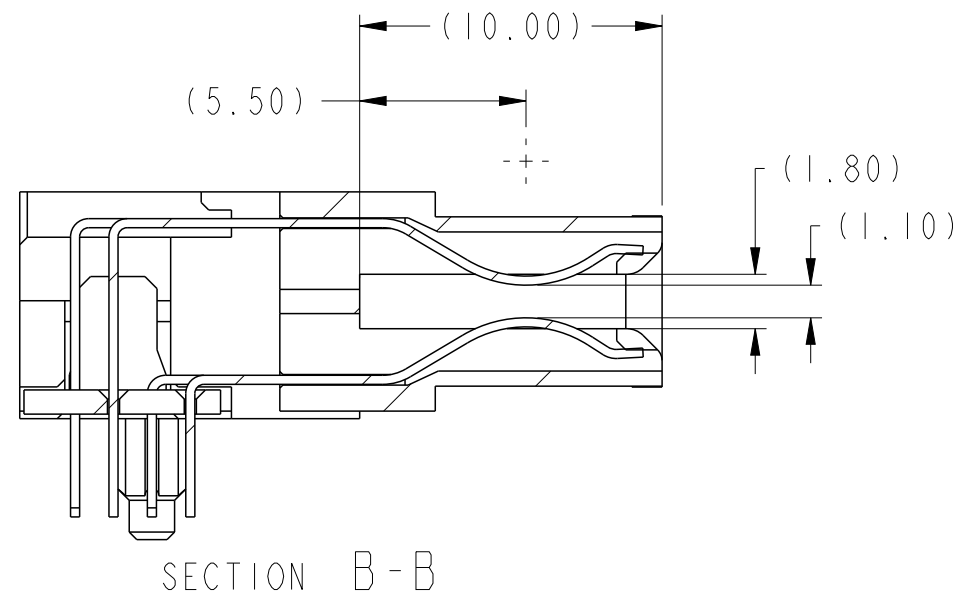
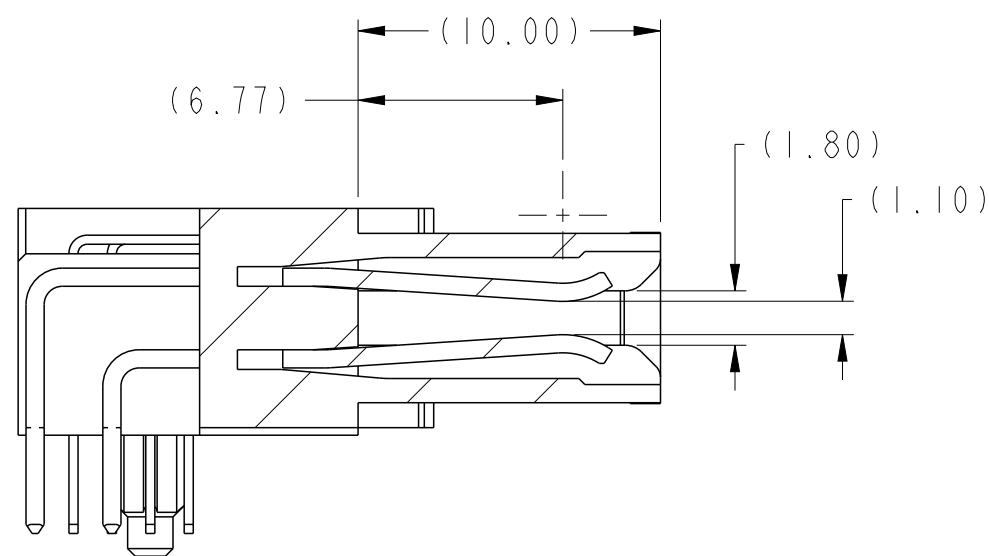
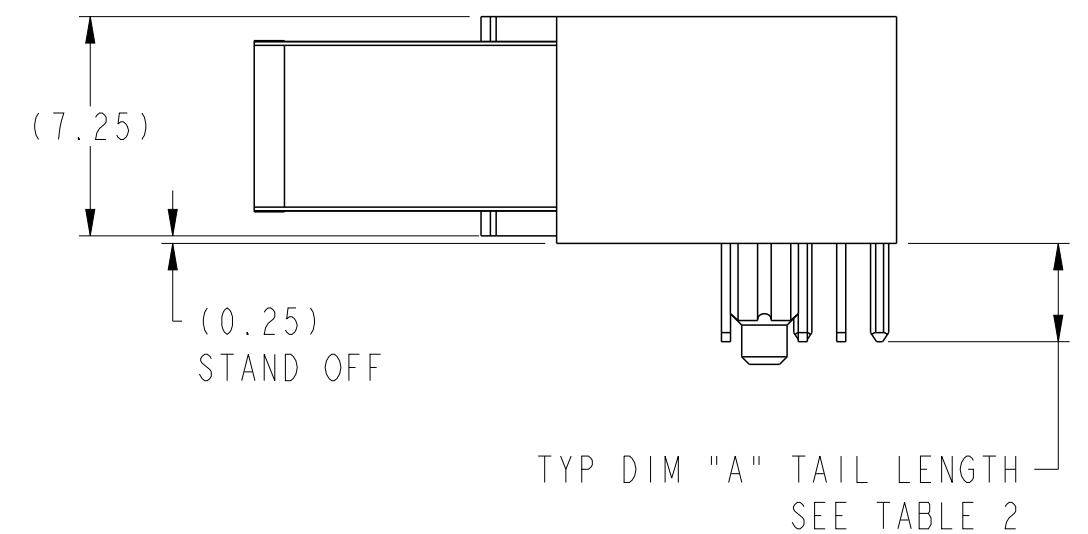
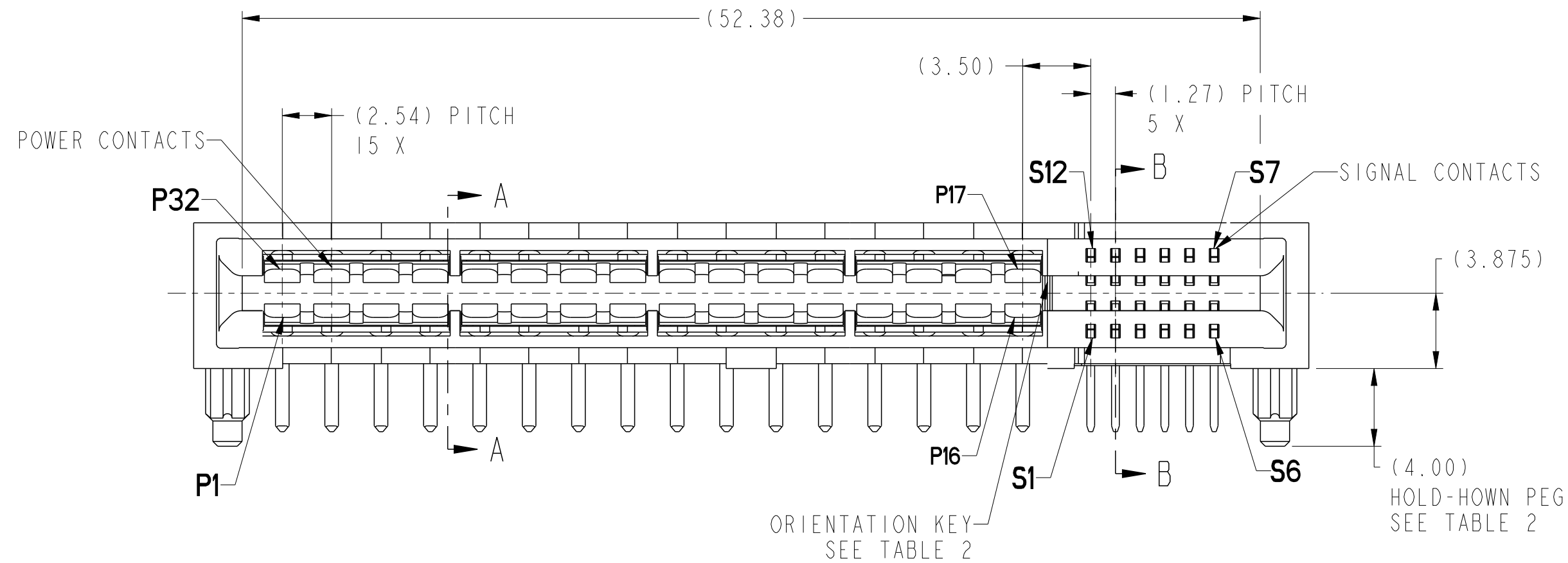
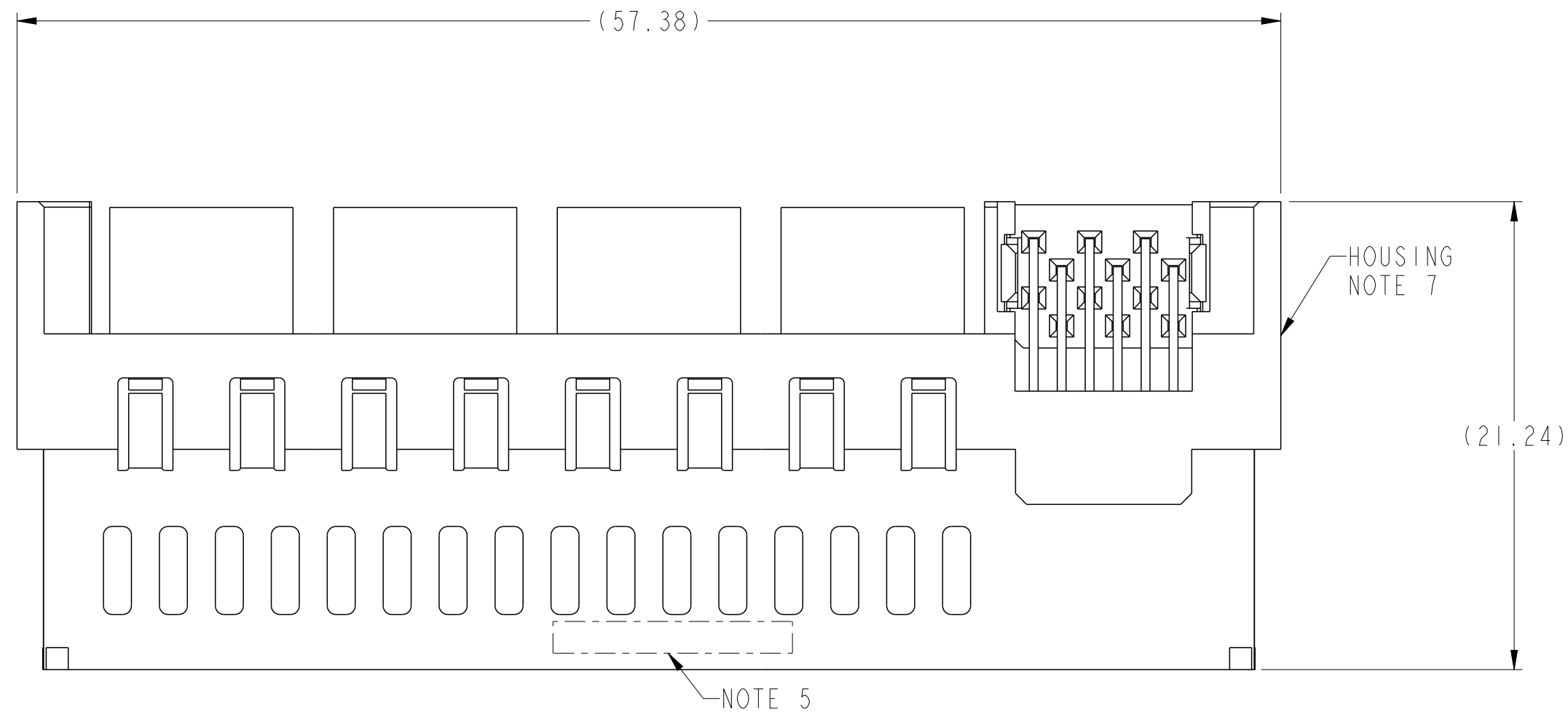
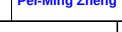
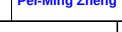
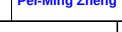
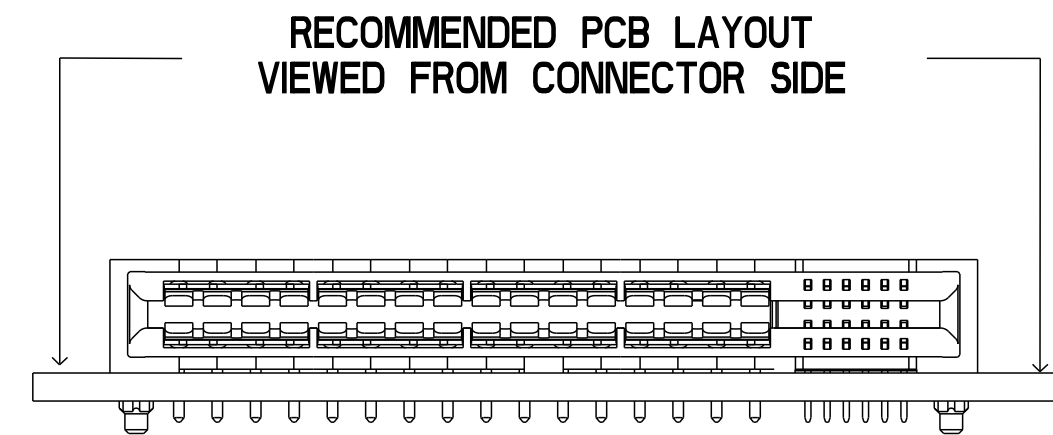
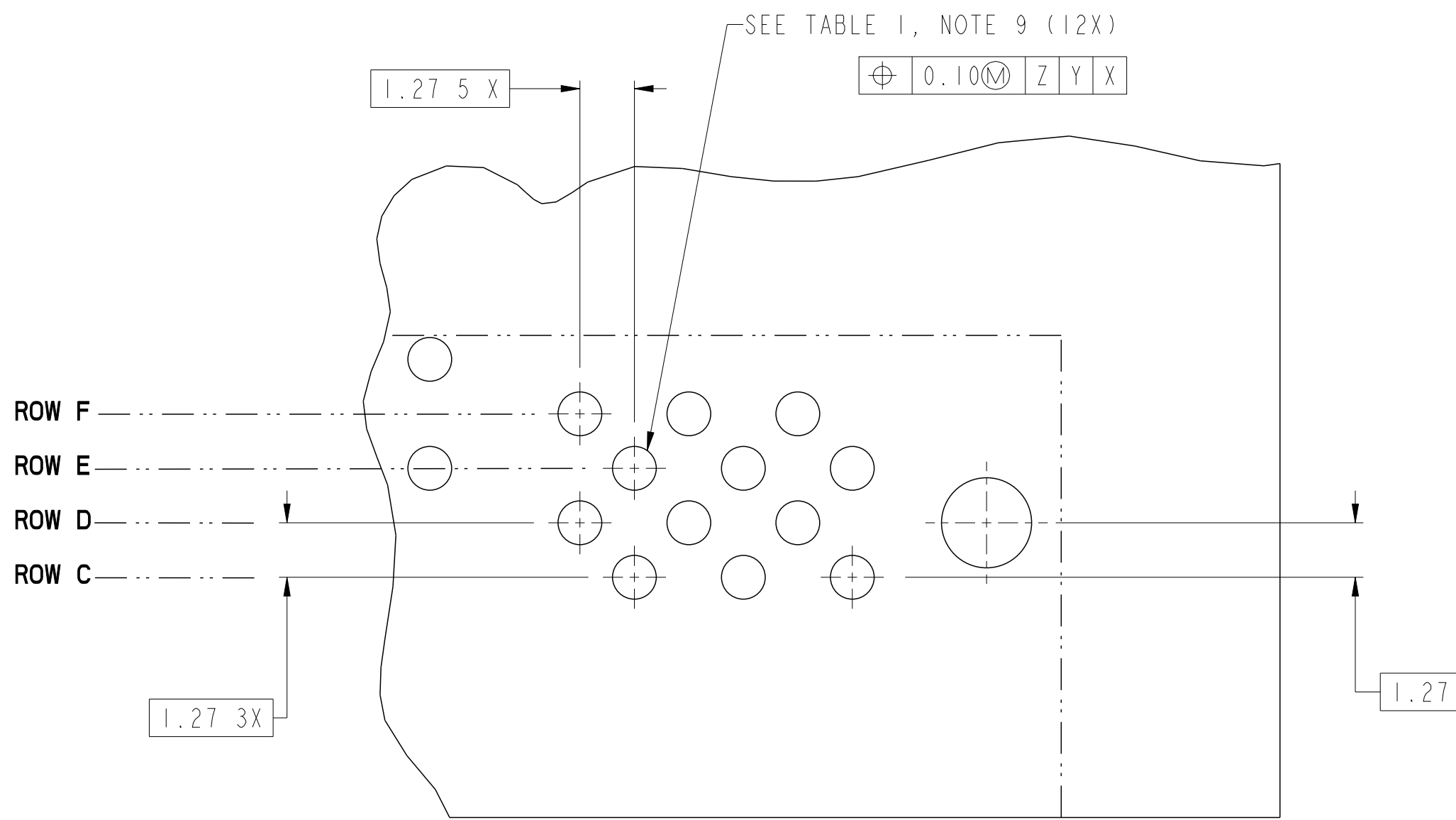
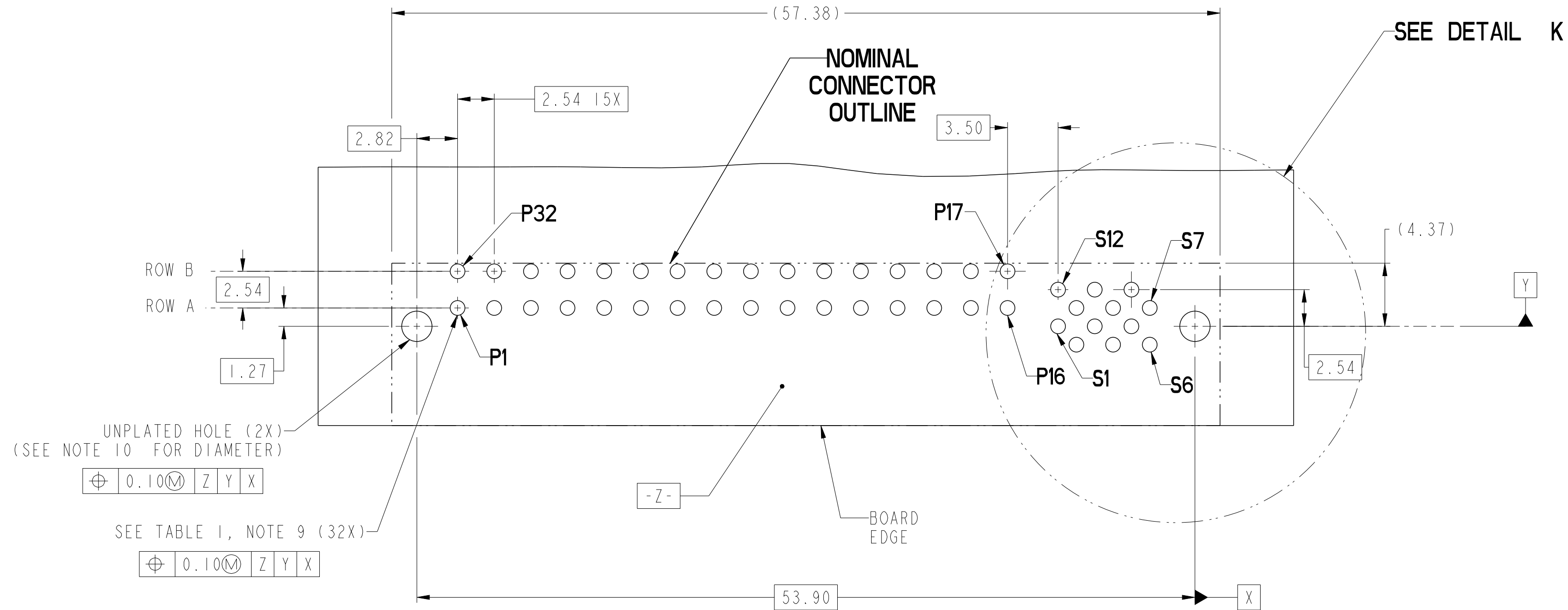


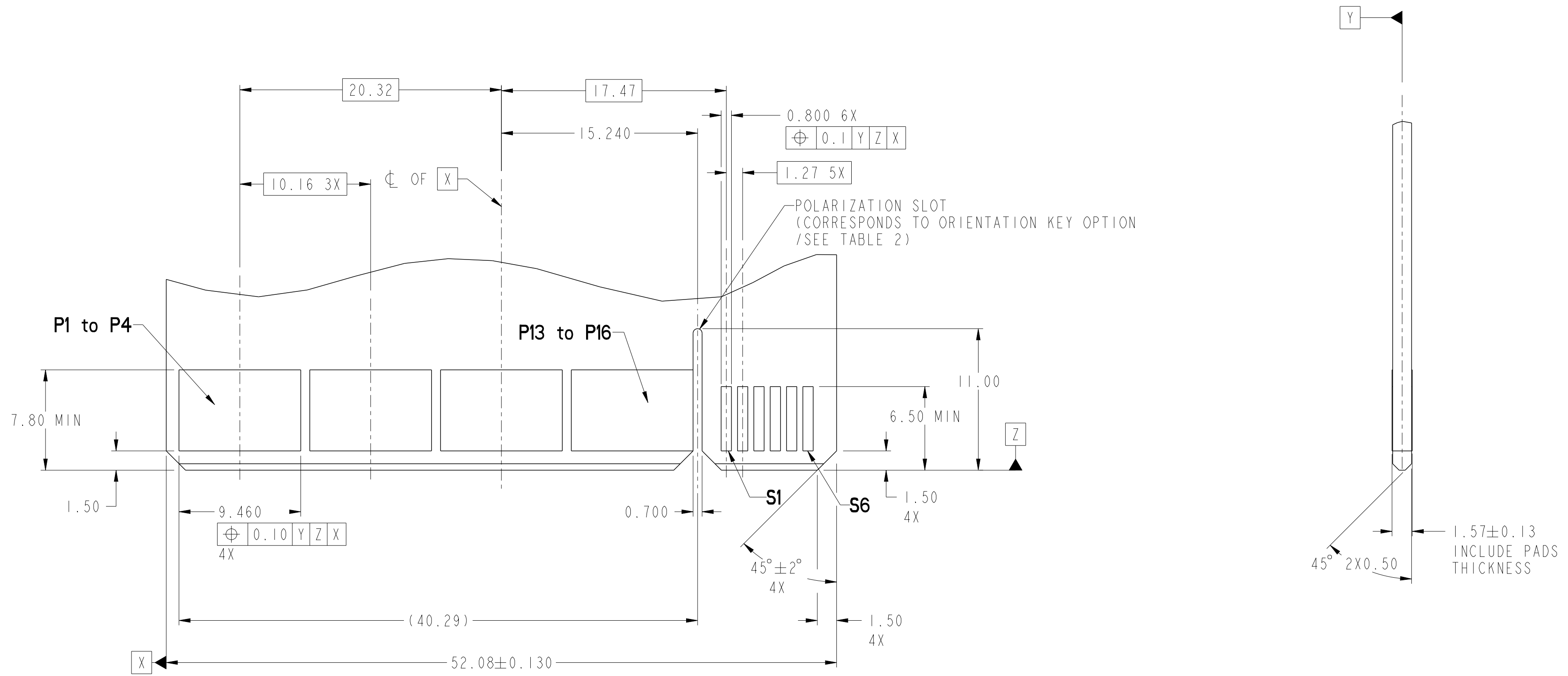


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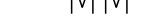


dr	Wei-Long Zhang	2012/03/17			size	A2	scale	4:1
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appr	Pei-Ming Zheng	2012/07/11	product family		HPCE			
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			dwg no			10119977		
						rev		
						A		
www.fci.com			cat. no.			-		
			Product - Customer Drw			sheet 2 of 4		

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	



RECOMMENDED MATING BOARD
FOOTPRINT

dr	Wei-Long Zhang	2012/03/17			size	A2	scale	4:1
eng	Wei-Long Zhang	2012/07/10			ecn no	-		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2012/07/11	product family		HPCE			
	title	RIGHT ANGLE 32P 12S			dwg no	10119977		rev
		HIGHT POWER CARD EDGE				A		
www.fci.com	cat. no.	-	Product - Customer Drw				sheet 3 of 4	

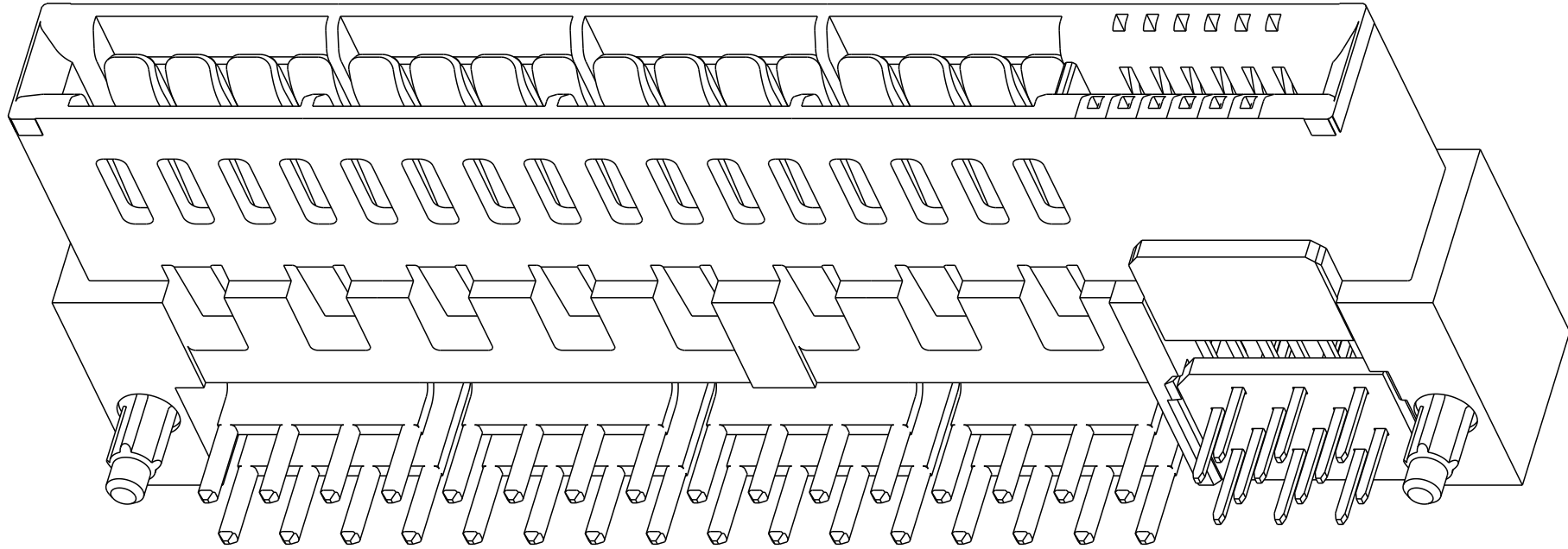
PDS: Rev :A

STATUS:Released

Printed: Jul 11, 2012

A
B
C
D
E
F

HPCE PART NUMBER (TABLE 2)				
10117877	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH
10119977-001LF	SOLDER TAIL	NO	YES	3.25±0.50
10119977-002LF			NO	
10119977-003LF		YES	YES	
10119977-004LF			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 2.25 +/- 0.05 FOR SOLDER TAILS

dr	Wei-Long Zhang	2012/03/17	projection	MM	size	scale			
eng	Wei-Long Zhang	2012/07/10			A2	4:1			
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