

A

B

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E

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A

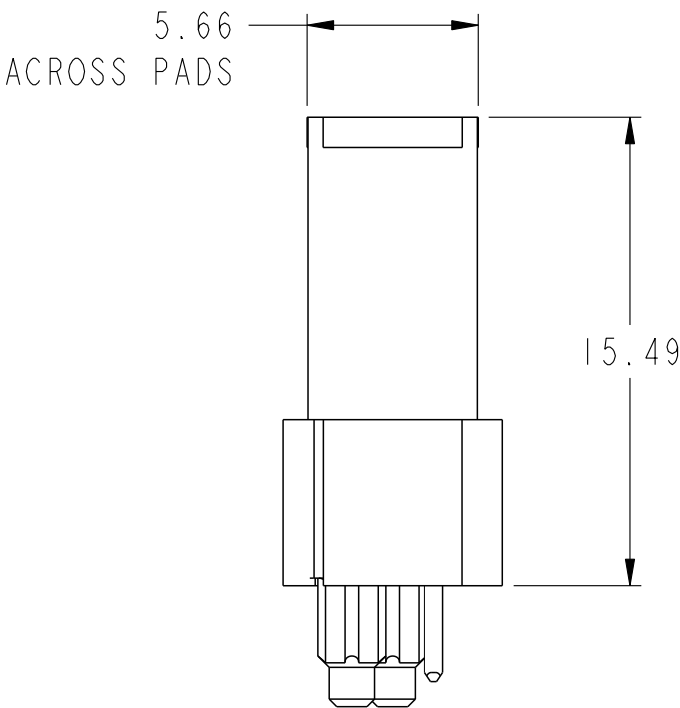
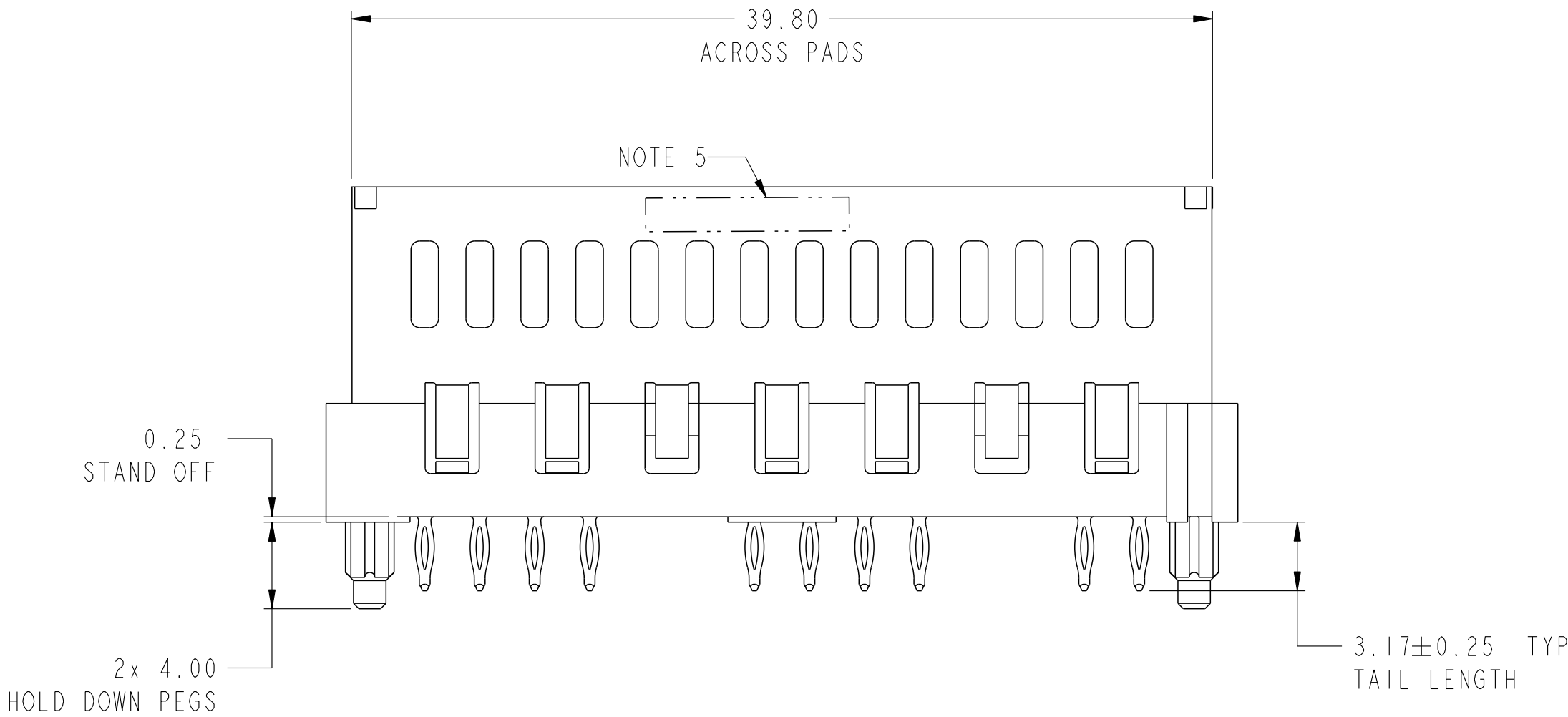
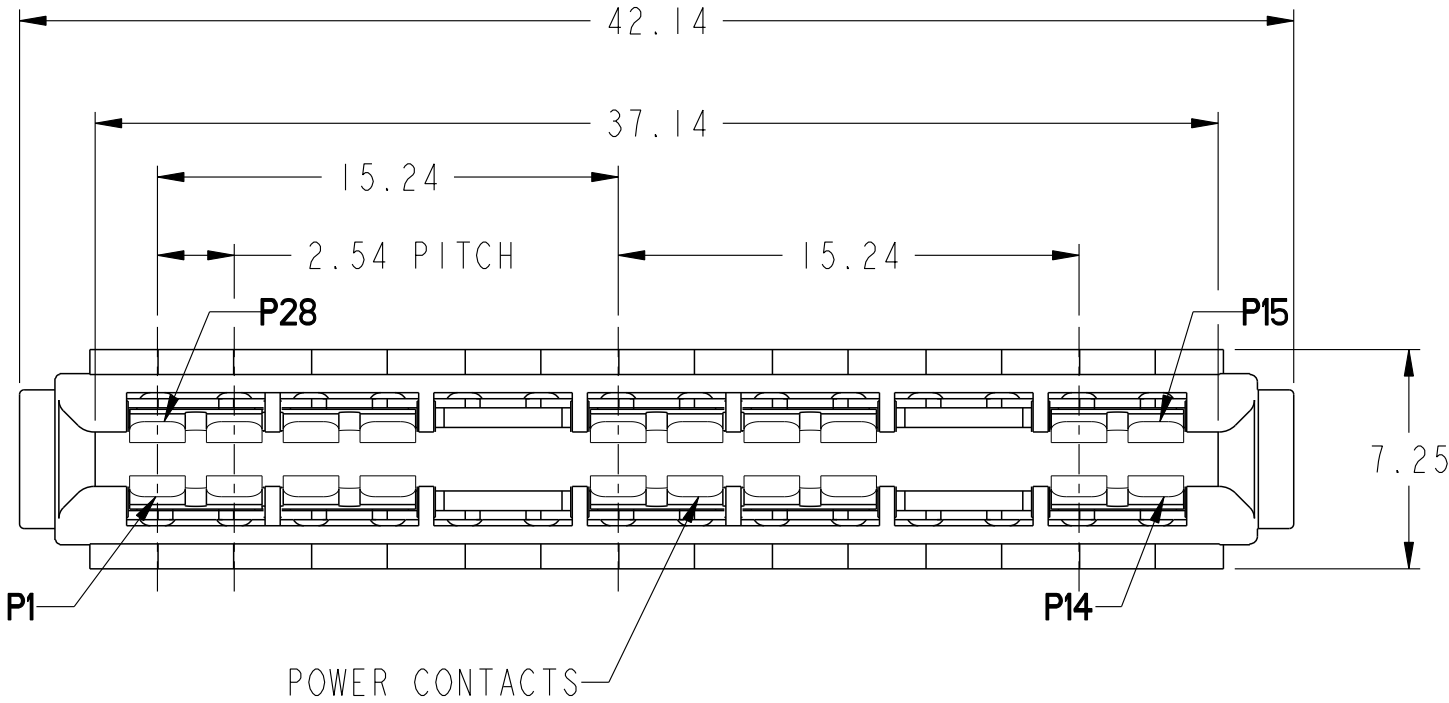
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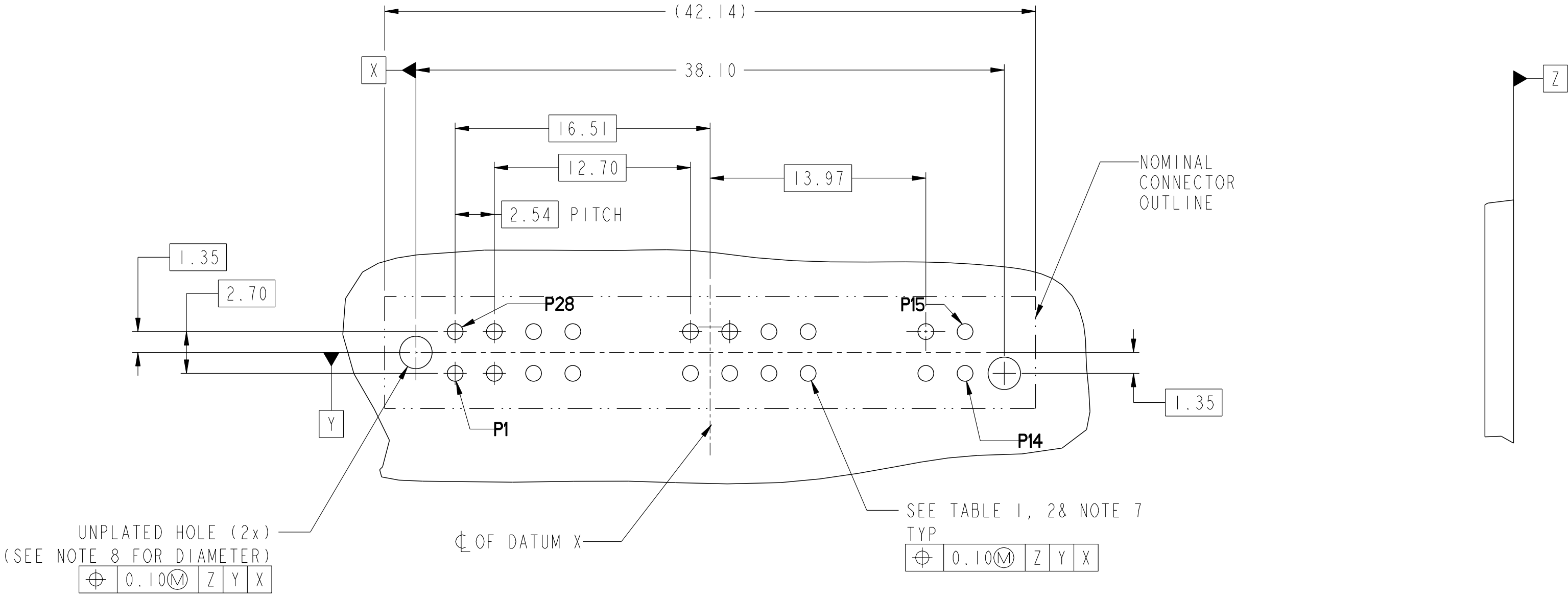


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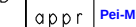
spec ref -				dr		Hai-Ling Liu		2015/10/27		projection		MM		size		A2		scale		4:1	
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Sunny2 Liu		2015/11/02				ecn no		rel level		Released	
ISO 406				chr		Terris Liu		2015/11/02													
ISO 1101				appr		Pei-Ming Zheng		2015/11/02													
								product family													
surface		linear		0.X		±0.5				file		HPCE VERT RECT		dwg no		10137514		rev		A	
				0.XX		±0.25															
				0.XXX		±0.10															
		ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4					

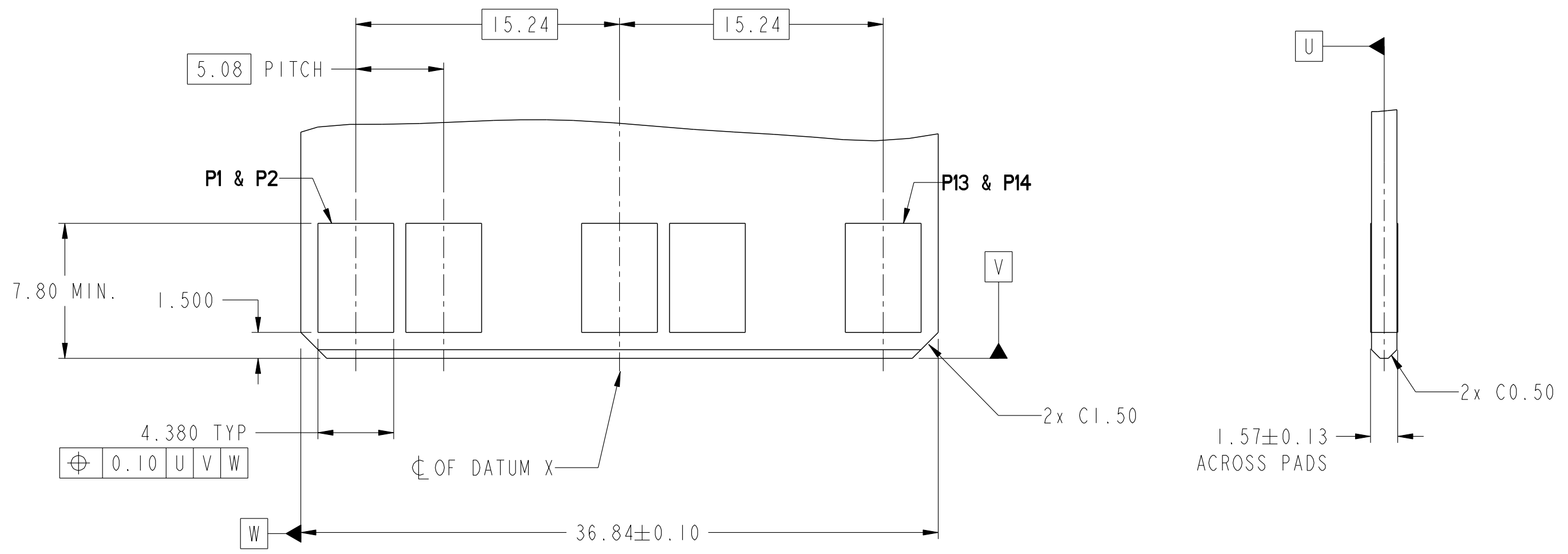
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10

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
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



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spec ref -				dr		Hai-Ling Liu		2015/10/27		projection		MM		size		A2		scale		4:1							
tolerance std				eng		Sunny2 Liu		2015/11/02						ecn no -		rel level		Released									
ISO 406				chr		Terris Liu		2015/11/02																			
ISO 1101				appr		Pei-Ming Zheng		2015/11/02																			
TOLERANCES UNLESS OTHERWISE SPECIFIED				product family																							
surface 				linear		0.X		±0.5				file		HPCE VERT RECT 14LP OMITTED 4LP						dwg no		10137514		rev		A	
						0.XX		±0.25																			
						0.XXX		±0.10																			
				angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw						sheet 2 of 4							
ISO 1302																											



spec ref -			dr Hai-Ling Liu		2015/10/27		projection  MM 	size A2	scale 4:1		
tolerance std			eng Sunny2 Liu		2015/11/02			ecn no -			
ISO 406			chr Terris Liu		2015/11/02			rel level Released			
ISO 1101			appr Pei-Ming Zheng		2015/11/02						
surface  ISO 1302			linear		0.X ±0.5		 title HPCE VERT RECT I4LP OMITTED 4LP		dwg no 10137514		rev
					0.XX ±0.25				A		
					0.XXX ±0.10						
			angular		0° ±2°		www.fci.com		cat. no.		Product - Customer Drw

HPCE PART NUMBER (TABLE 3)			
PART NUMBER	TAIL TYPE	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10137514-001LF	SOLDER	3.17 ± 0.25	2.36±0.13
10137514-002LF	PRESS-FIT		1.57 MIN

NOTES:

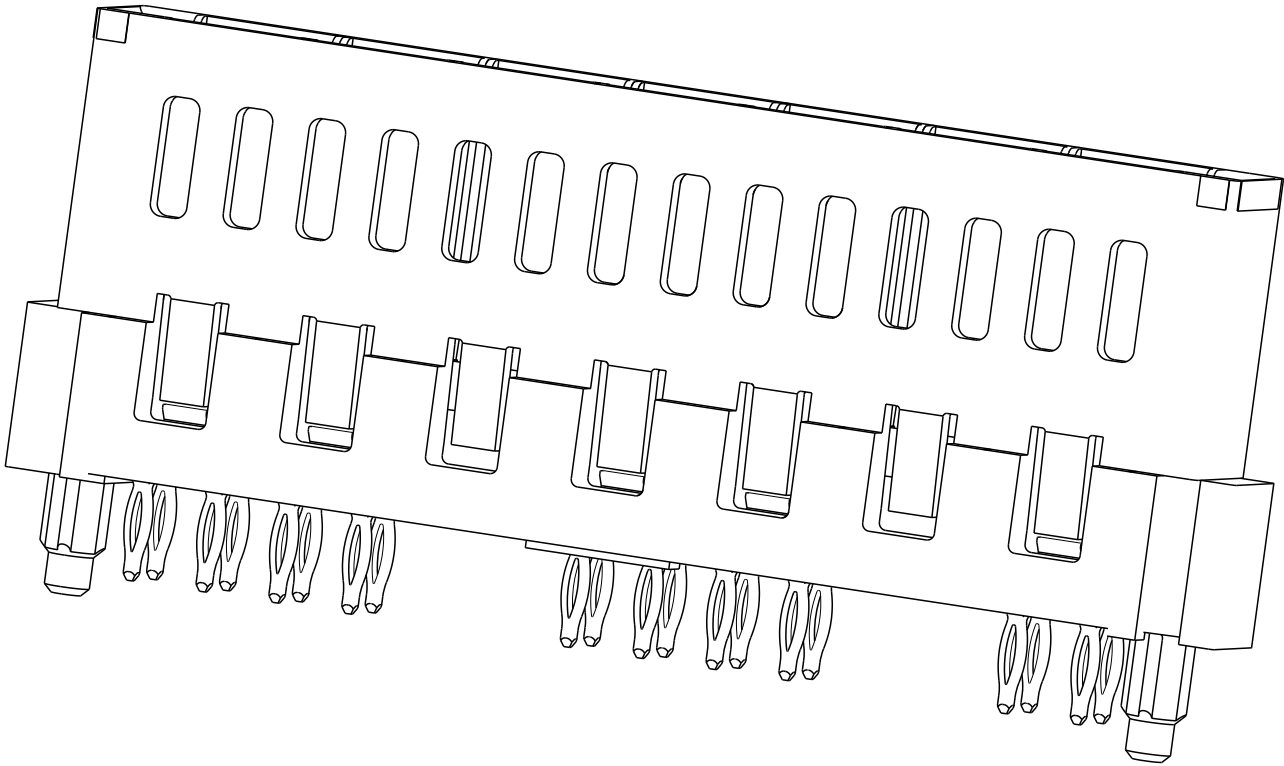
1. CONNECTOR MATERIALS:

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 MARKINGON HOUSING IN AREA SHOWN MEETS FCI SPECIFICATION GS-24-007
6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.
7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
8. MOUNTING HOLES ARE UNPLATED

Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS

Ø 2.18 +/- 0.03 FOR SOLDER TAILS
9. PRESS FIT APPLICATION TOOL DRAWING : 10119453.



spec ref -		dr Hai-Ling Liu		2015/10/27		projection MM	size A2	scale 4:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Sunny2 Liu		2015/11/02			ecn no - rel level Released			
ISO 406		chr Terris Liu		2015/11/02						
ISO 1101		appr Pei-Ming Zheng		2015/11/02						
product family										
surface		linear		0.X ±0.5		FCI HPCE VERT RECT 14LP OMITTED 4LP www.fci.com	title	dwg no 10137514	rev A	
		0.XX ±0.25								
		0.XXX ±0.10								
ISO 1302		angular 0° ±2°								
		cat. no.		Product - Customer Drw			sheet 4 of 4			