

A

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A

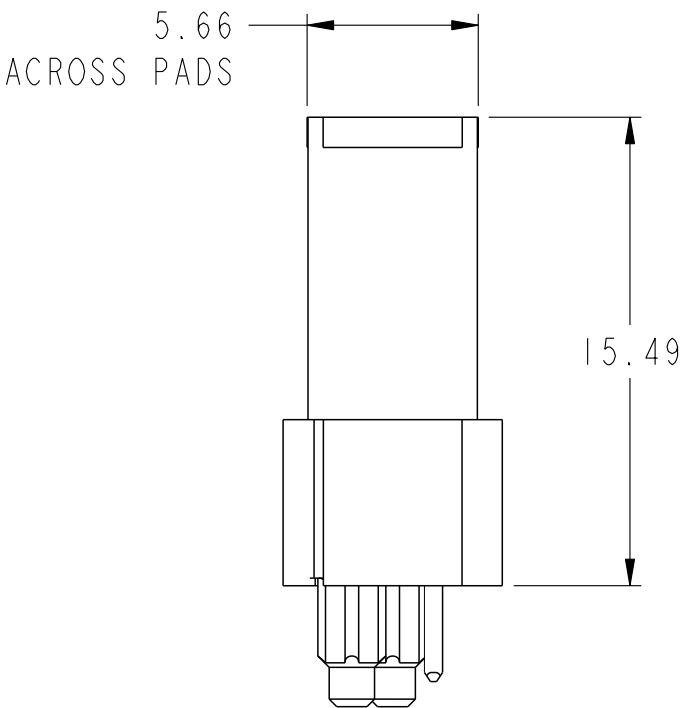
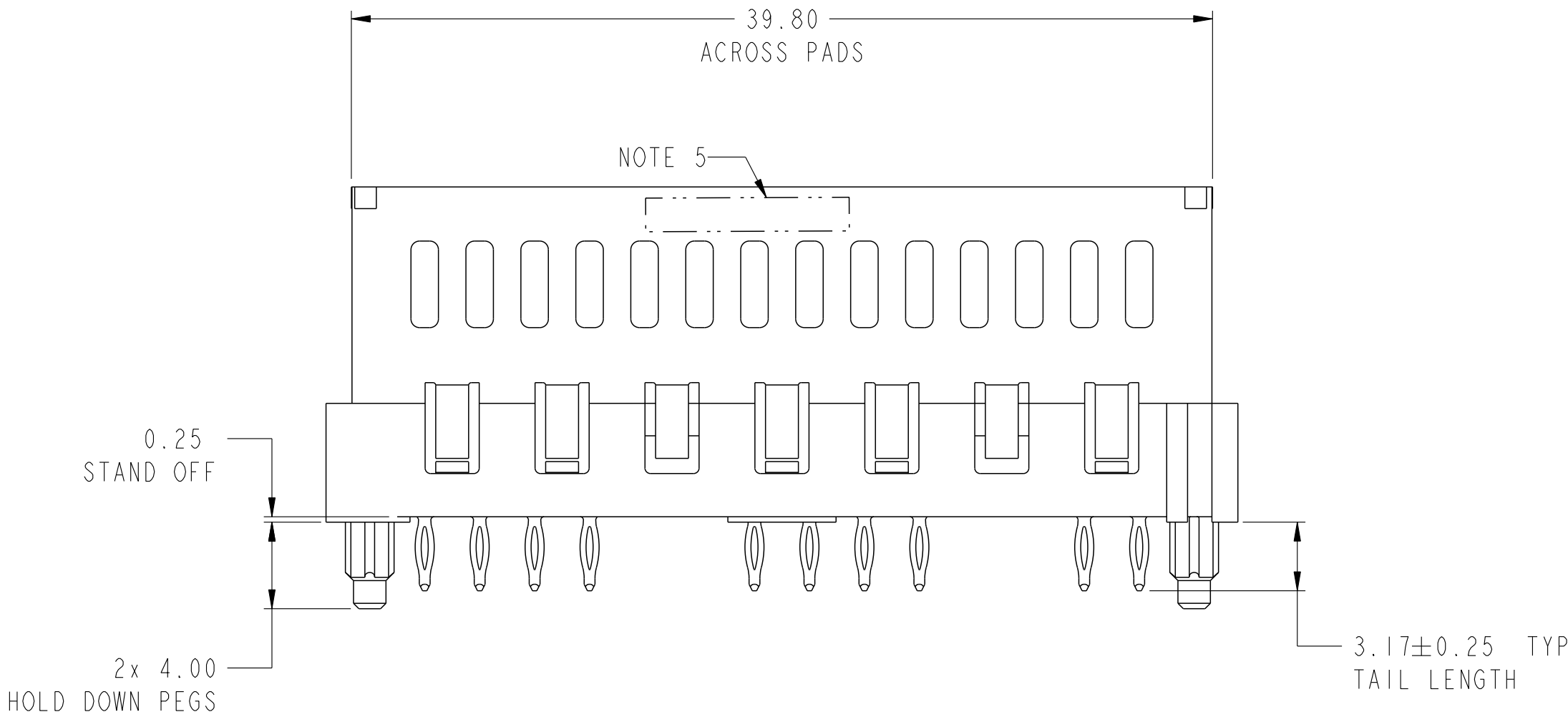
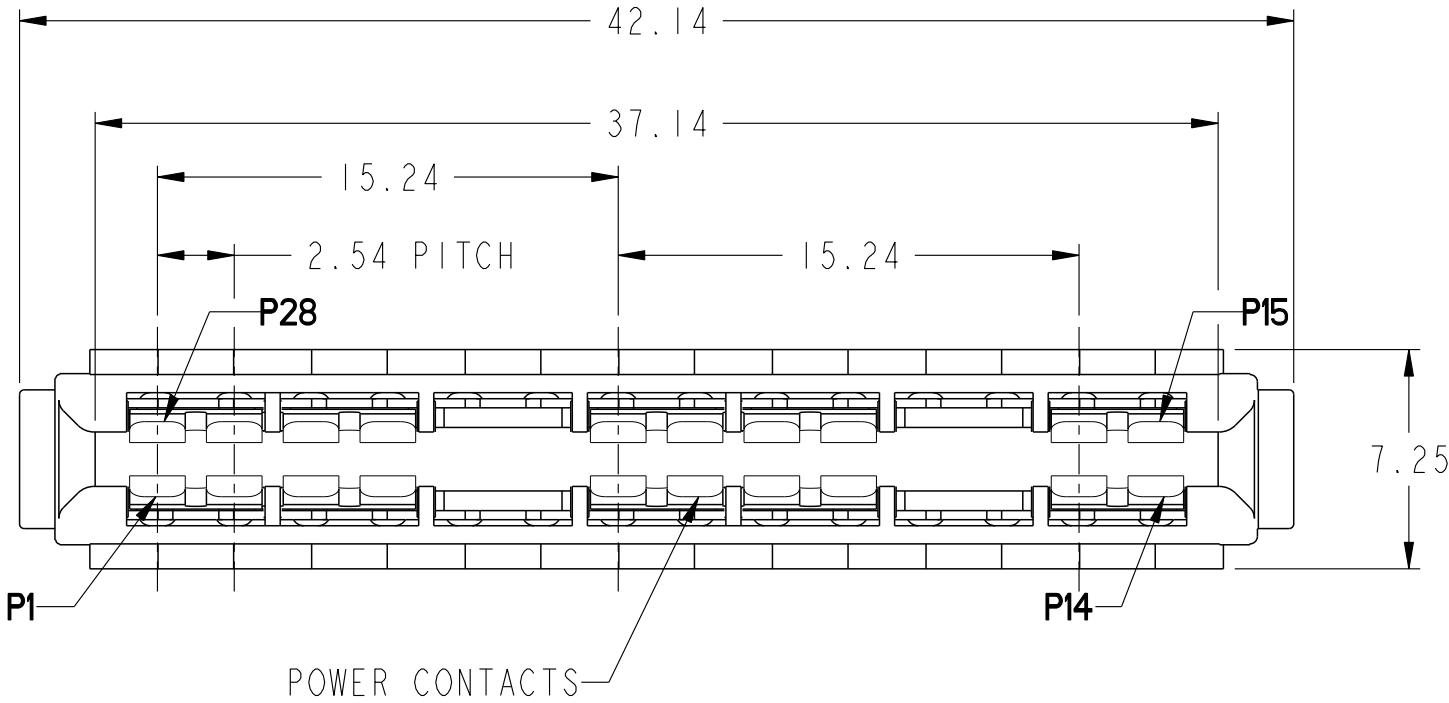
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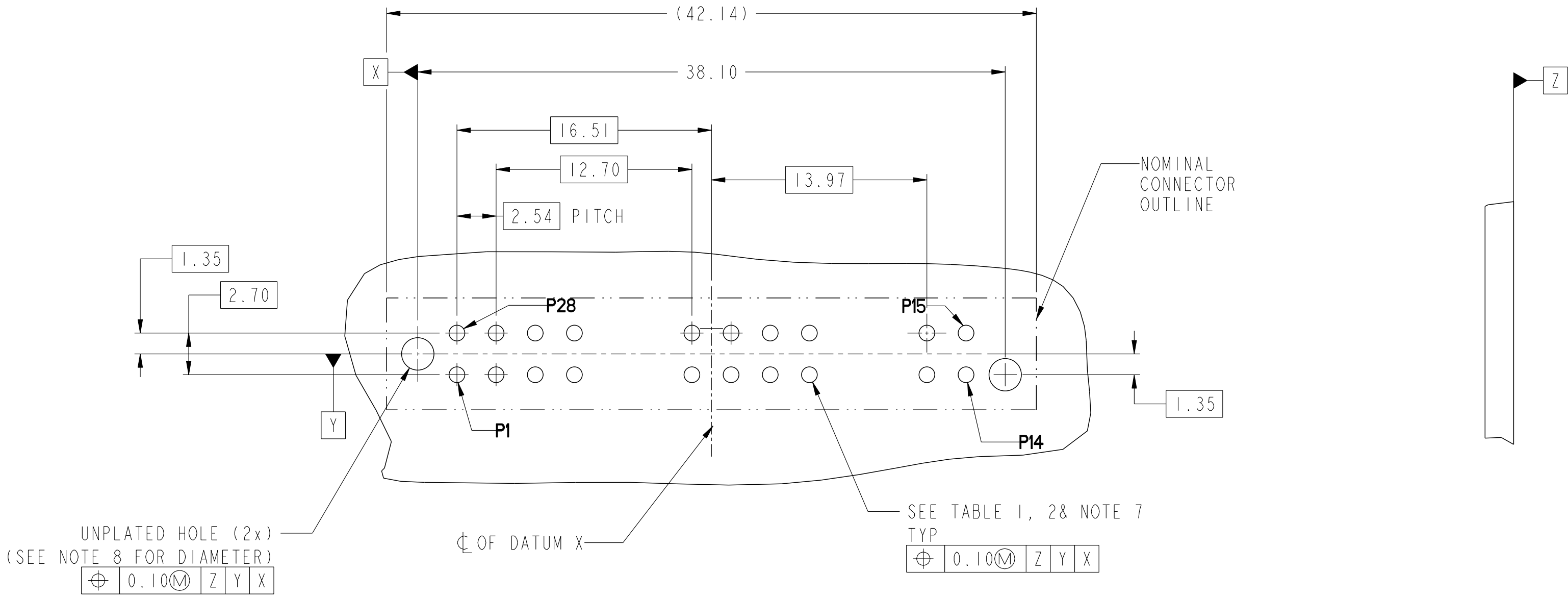


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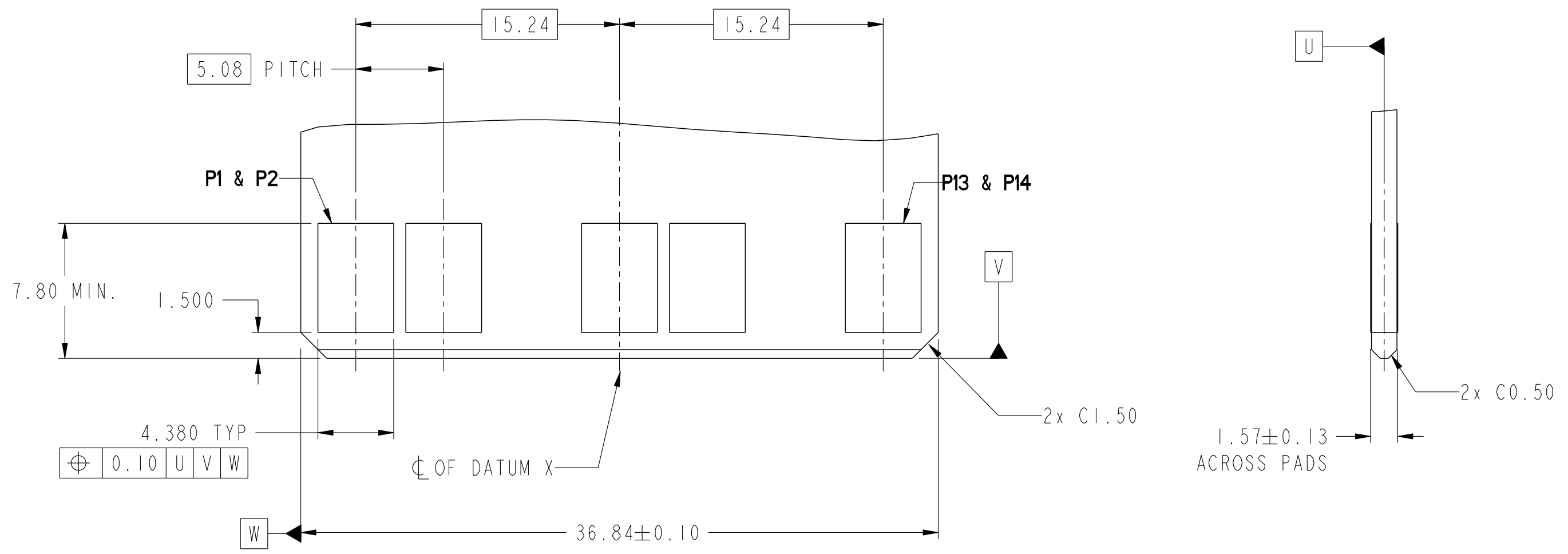
spec ref -				dr		Hai-Ling Liu		2015/10/27		projection		MM		size		A2		scale		4:1	
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Sunny2 Liu		2015/11/02				ecn no		rel level		Released	
ISO 406				chr		Terris Liu		2015/11/02													
ISO 1101				appr		Pei-Ming Zheng		2015/11/02													
								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															
				angular		0°															
ISO 1302								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



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



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		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2015/11/02						rel level		Released							
ISO 1101				appr		Pei-Ming Zheng		2015/11/02						product family									
surface		✓		linear		0.X		±0.5				title		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 3 of 4							

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:

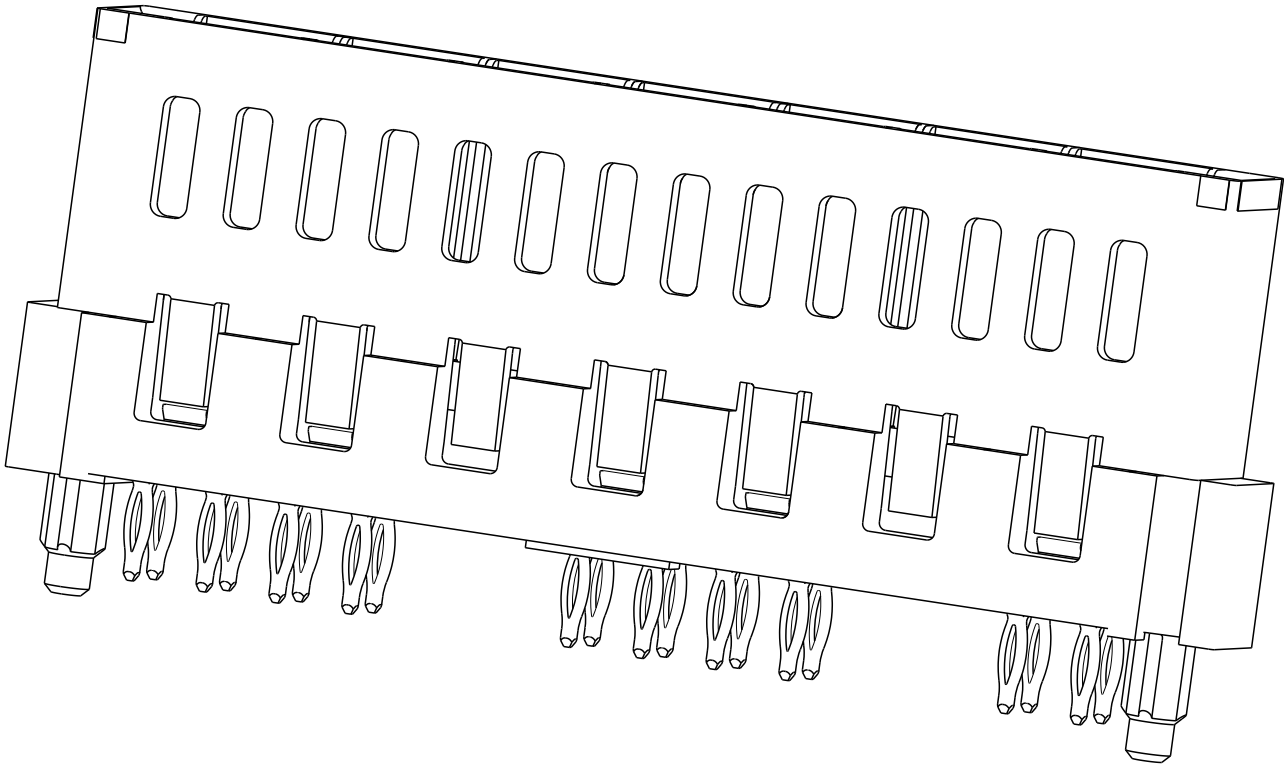
1. CONNECTOR MATERIALS:

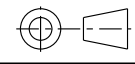
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT

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 -					
ISO 406 ISO 1101				chr Terris Liu 2015/11/02				rel level Released					
		appr Pei-Ming Zheng 2015/11/02		product family									
surface 	linear	0.X	±0.5		title	HPCE VERT RECT 14LP OMITTED 4LP			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 4 of 4		