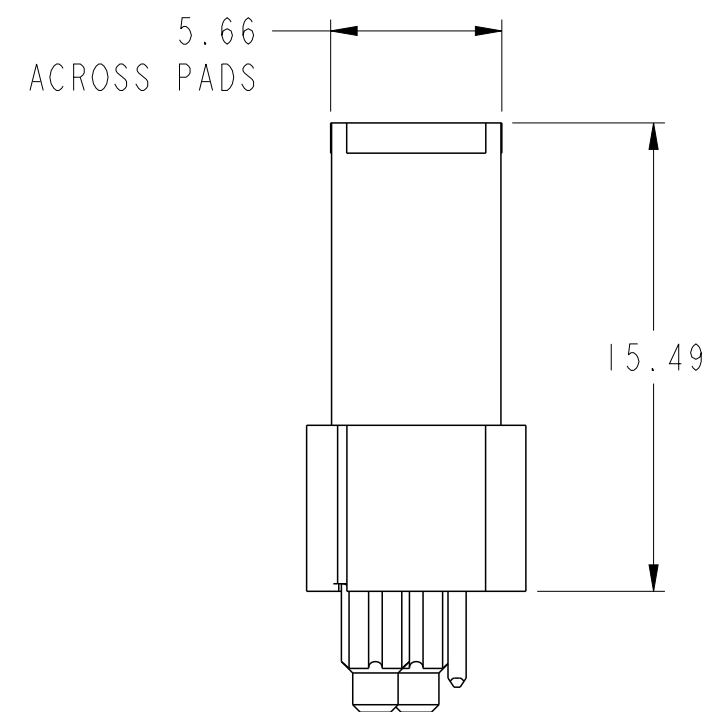
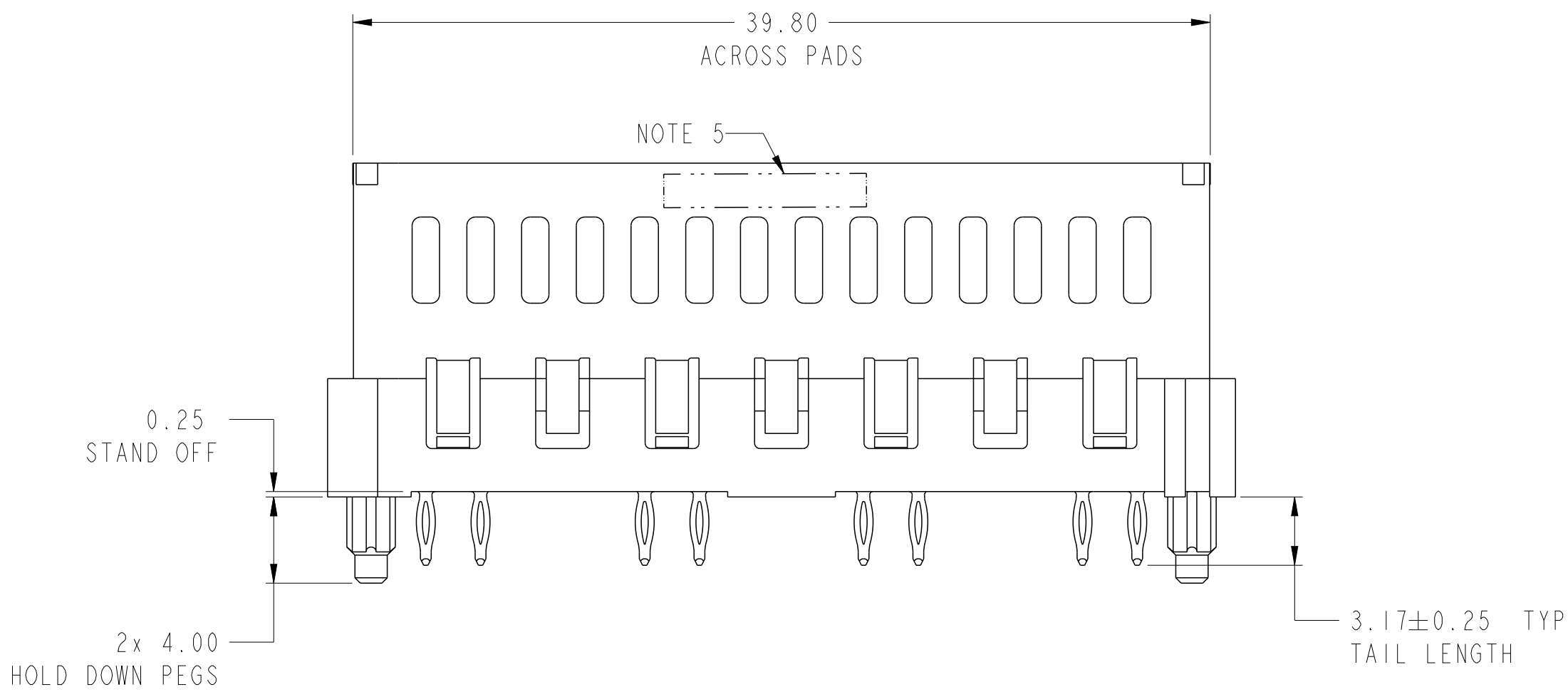
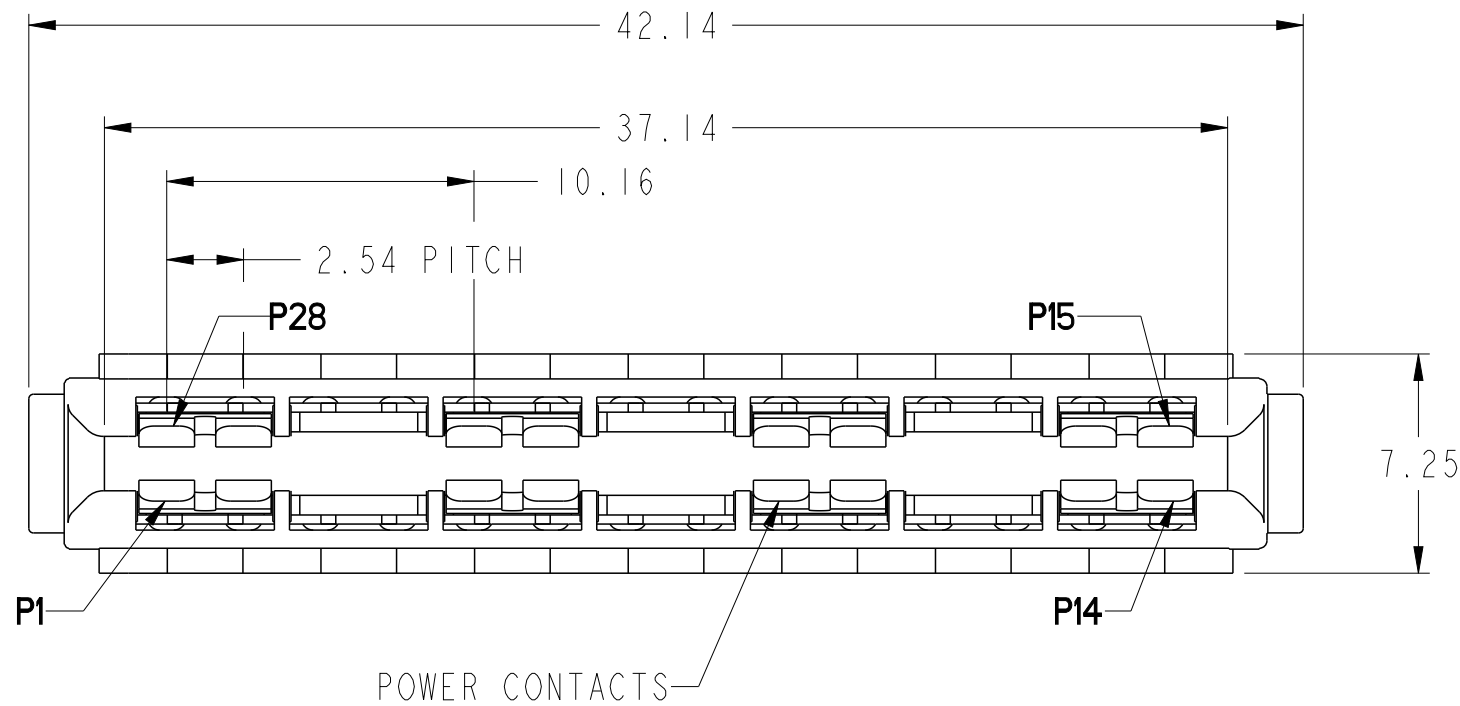




spec ref	-	dr	Hai-Ling Liu	2015/09/16	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/09/29	chr	-	ecn no	-		
surface	ISO 1302	appr	Pei-Ming Zheng	2015/09/29	product family		rel level	Released		
		title	HPCE VERT RECT 14LP OMITTED 6LP	cat. no.		Product - Customer Drw	sheet 1 of 4	rev	A	

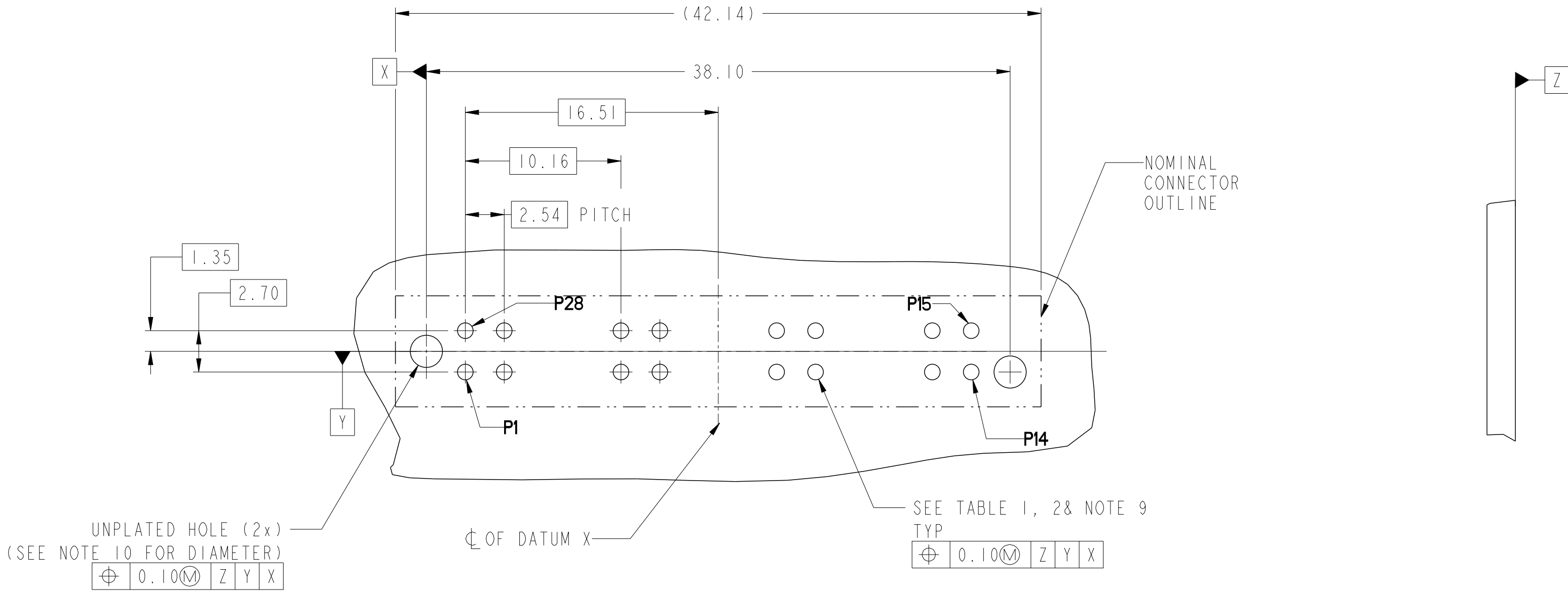
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STATUS:Released

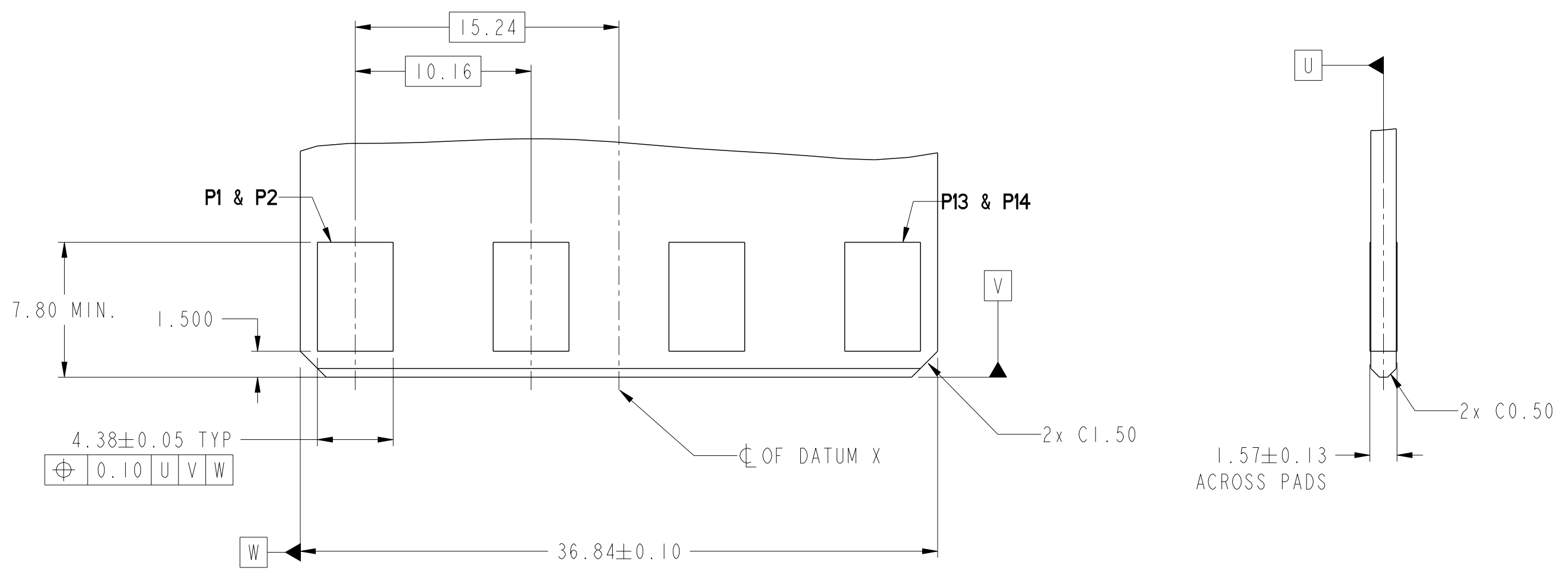
Printed: Sep 29, 2015

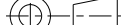
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN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

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 (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



spec ref	-	dr	Hai-Ling Liu	2015/09/16	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/09/29	chr	-	ecn no	-		
surface	ISO 1302	appr	Pei-Ming Zheng	2015/09/29	product family		rel level	Released		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	title	HPCE VERT RECT 14LP OMITTED 6LP				dwg no	10137013	rev	A
angular	0° ±2°	www.fci.com	cat. no.	Product - Customer Drw			sheet 2 of 4			



spec ref		-		dr		Hai-Ling Liu		2015/09/16		projection		MM		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Hai-Ling Liu		2015/09/29						ecn no		-		rel level		Released	
ISO 406				chr		-		-													
ISO 1101				appr		Pei-Ming Zheng		2015/09/29						product family							
surface				linear				title		HPCE VERT RECT		dwg no		10137013		rev		A			
				0.X																±0.5	
				0.XX																±0.25	
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 3 of 4							
								14LP OMITTED 6LP													

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HPCE PART NUMBER (TABLE 3)

PART NUMBER	TAIL TYPE	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10137013-001LF	SOLDER	3.17 ± 0.25	2.36±0.13
10137013-002LF	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.

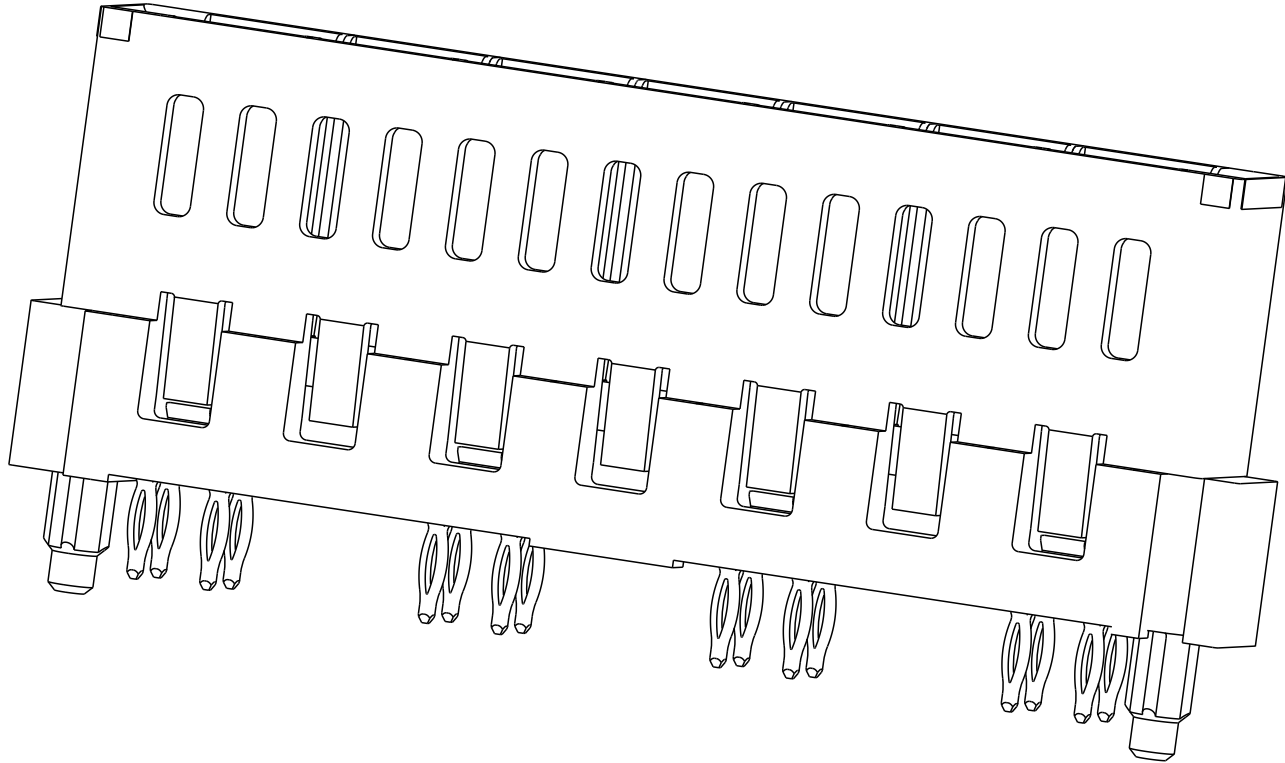
5. PRODUCT MARKINGON HOUSING IN AREA SHOWN MEETS FCI SPECIFICATION GS-24-007

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.



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spec ref	-	dr	Hai-Ling Liu	2015/09/16	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/09/29	chr	-	ecn no	-		
		appr	Pei-Ming Zheng	2015/09/29	product family		rel level	Released		
surface	ISO 1302	linear	0.X 0.XX 0.XXX	±0.5 ±0.25 ±0.10	FCI	HPCE VERT RECT 14LP OMITTED 6LP	dwg no	10137013	rev	A
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 4 of 4		

PDS: Rev :A

STATUS:Released

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