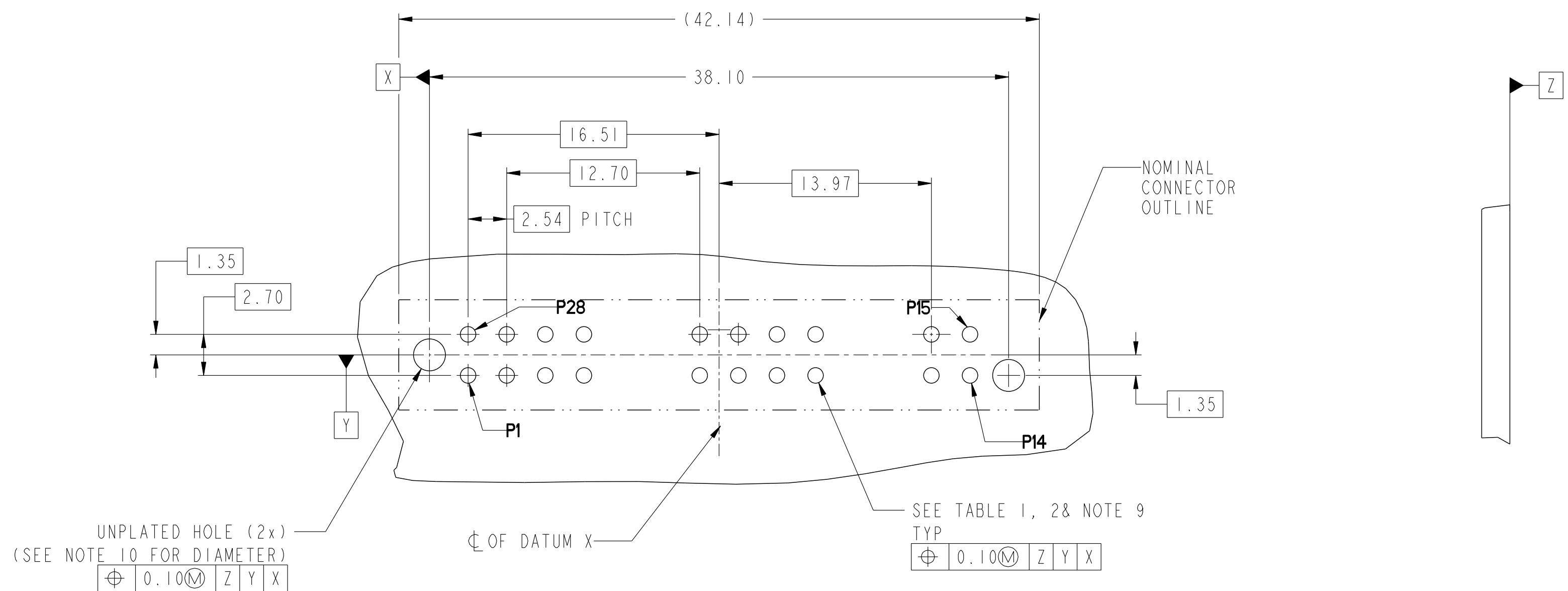
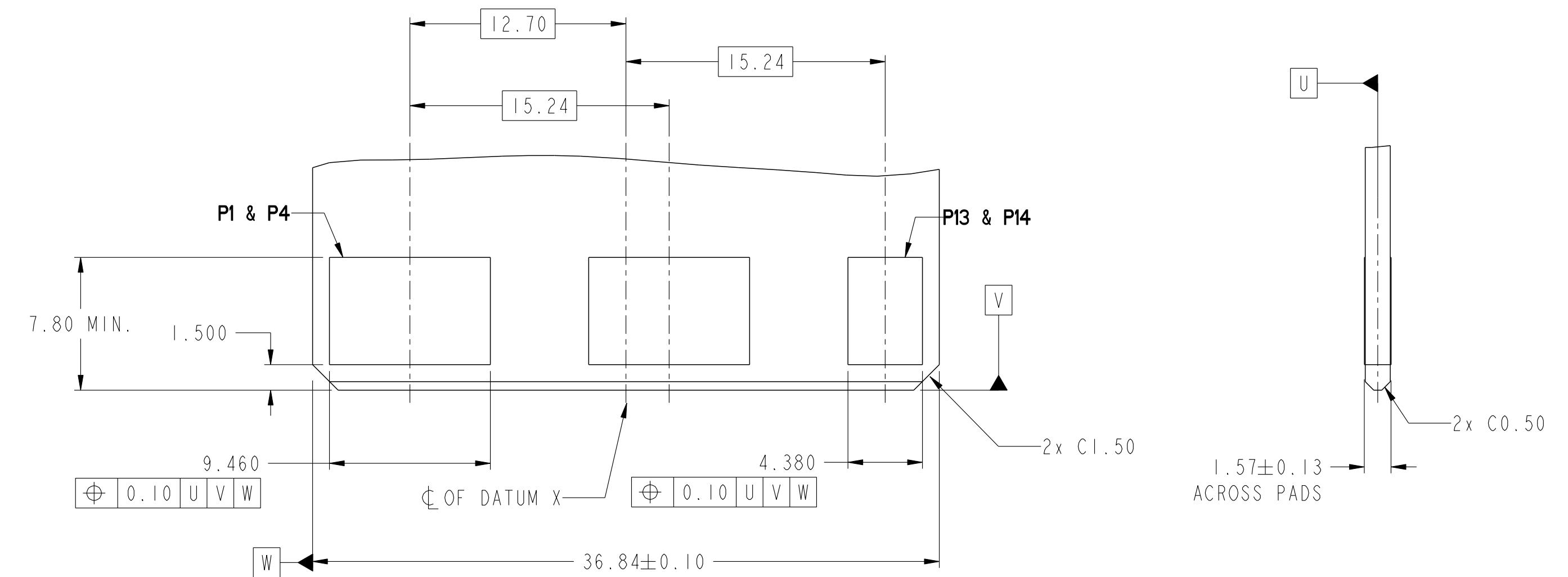


CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE I (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
A	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16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





### HPCE PART NUMBER (TABLE 3)

A	PART NUMBER	TAIL TYPE	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
	10137014-001LF	SOLDER		2.36 ± 0.13
	10137014-002LF	PRESS-FIT	3.17 ± 0.25	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.

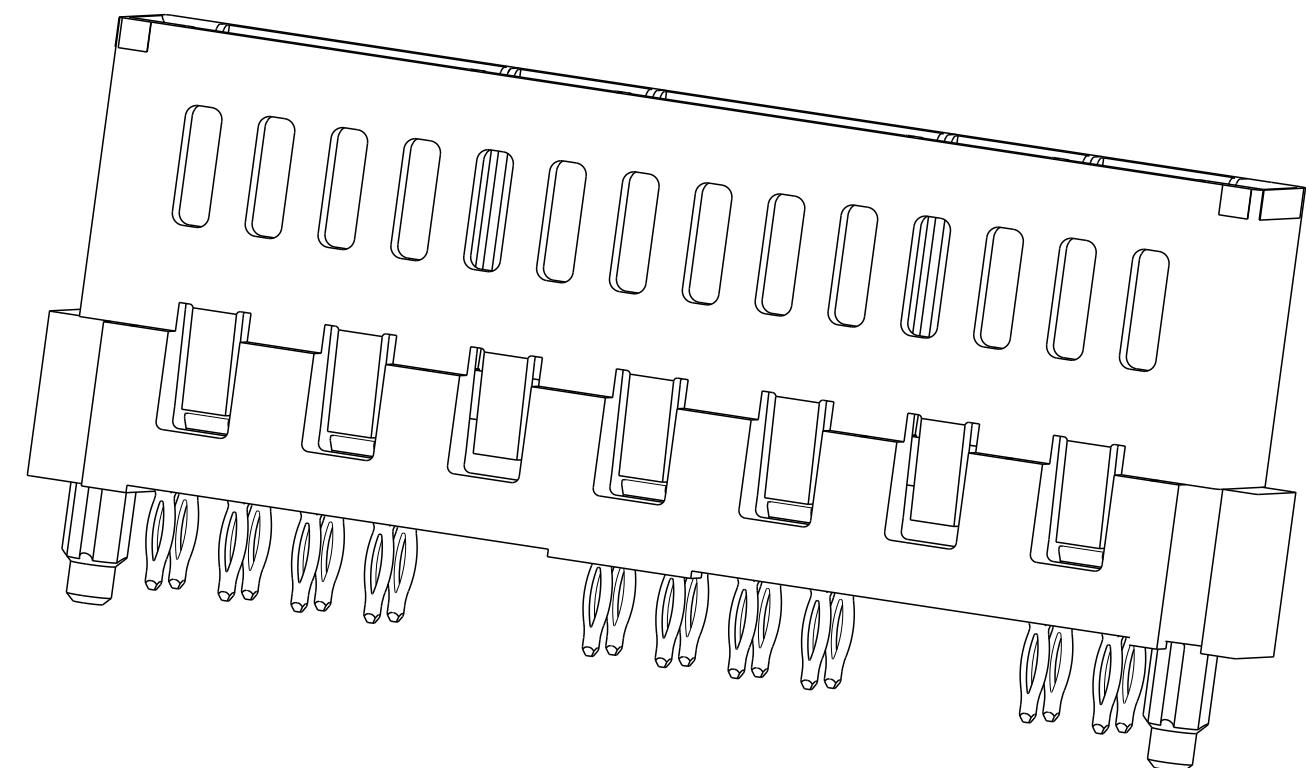
5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS FCI SPECIFICATION GS-24-007

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

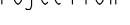
7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

8. MOUNTING HOLES ARE UNPLATED  
    ∅ 2.40 +/- 0.1 FOR PRESS-FIT TAILS  
    ∅ 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			size	A2	scale
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/09/29			ecn no	-	4:1
		chr	-	-			rel level	Released	
		appr	Pei-Ming Zheng	2015/09/29			product family		
surface	✓	linear	0.X	±0.5			dwg no	10137014	
ISO 1302			0.XX	±0.25		e HPCE VERT RECT + - + 4HP6LP OMITTED 4LP			rev A
			0.XXX	±0.10					
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 4 of 4	