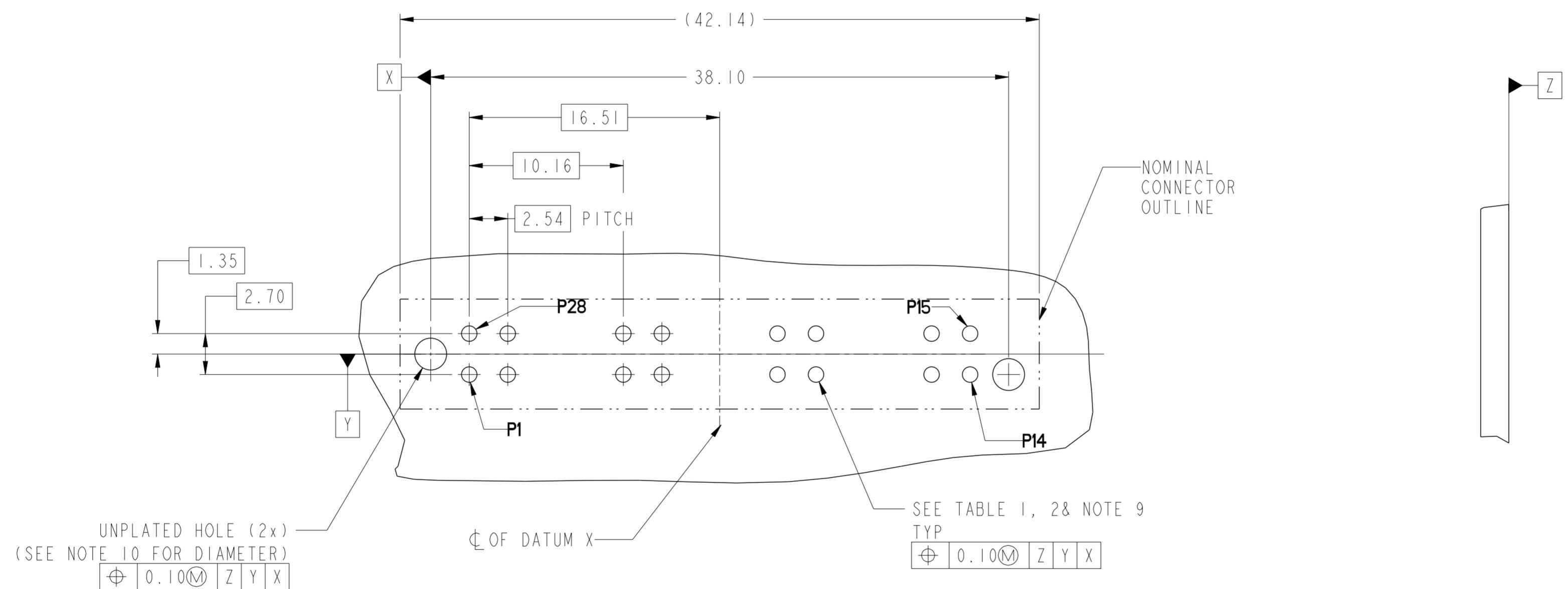


CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	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	eng	chr	projection	size	scale
tolerance std	0.0.5	2015/09/16	-	MM	A2	4:1
ISO 406	0.0.25	2015/09/29	-	ecn no		
ISO 1101	0.0.10	-	-	product family	rel level	Released

FCI

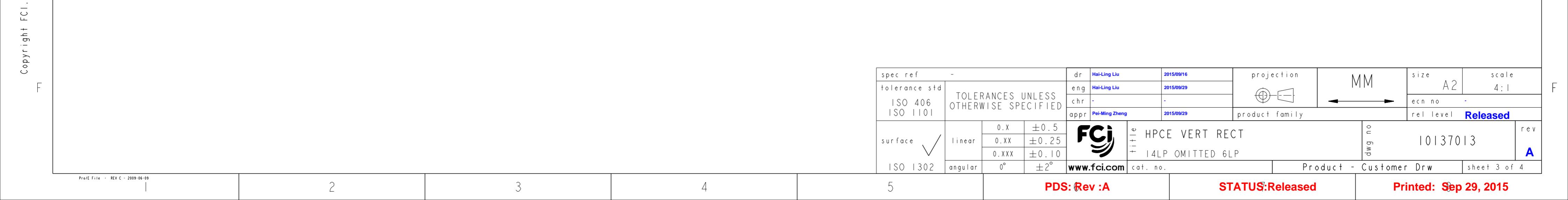
HPCE VERT RECT
14LP OMITTED 6LP

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cat. no.

Product - Customer Drw

sheet 2 of 4



spec ref	dr	projection	size	scale
tolerance std	eng	product family	ecn no	rev
ISO 406	Hai-Ling Liu	HPCE VERT RECT		
ISO 1101	2015/09/16	14LP OMITTED 6LP	10137013	
surface	chr	ISO 1302	cat. no.	Product - Customer Drw
	-	angular	prod no.	sheet 3 of 4
		ISO 1302	10137013	rev A

HPCE PART NUMBER (TABLE 3)

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:

I. 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.

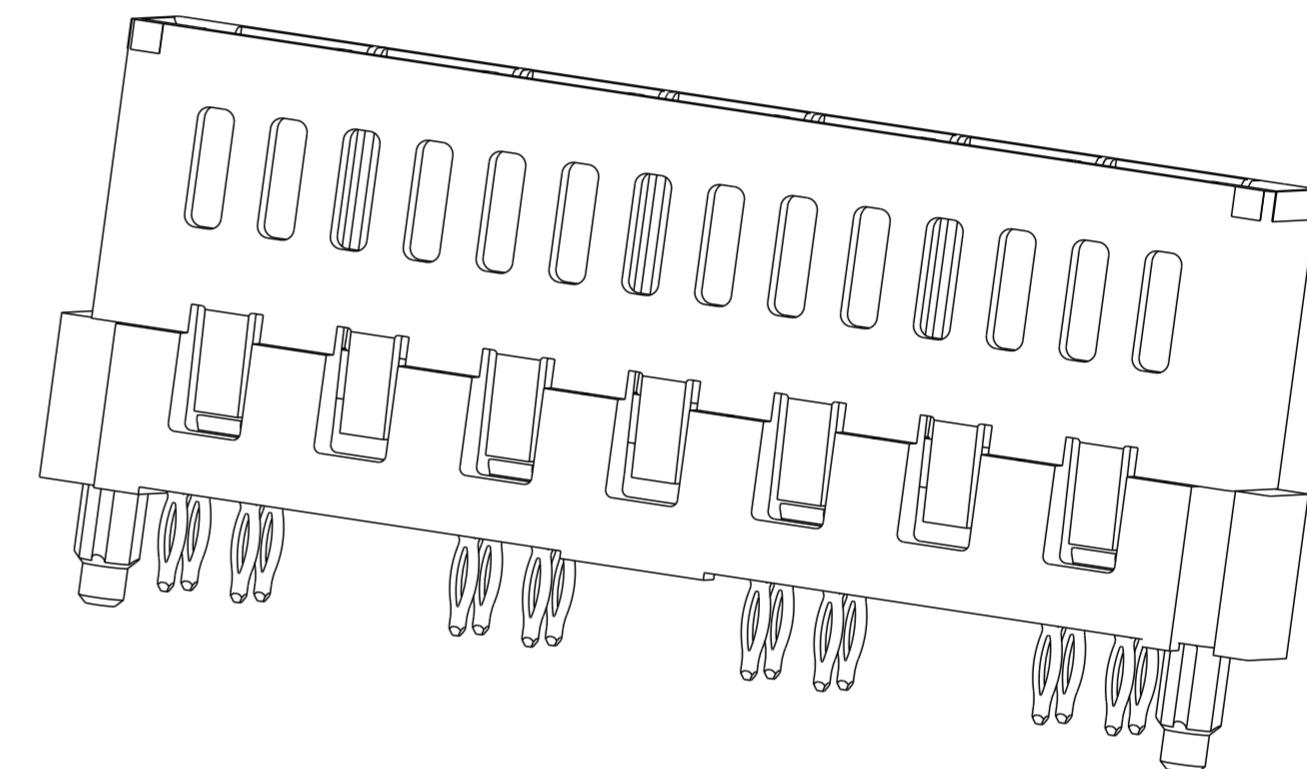
5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS FCI SPECIFICATION GS-24-007

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

7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

8. MOUNTING HOLES ARE UNPLATED
 ϕ 2.40 +/- 0.1 FOR PRESS-FIT TAILS
 ϕ 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	4:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Hai-Ling Liu	2015/09/29			ecn no	-	rel level	Released
ISO 406		chr	-	-			rev			
ISO 1101		appr	Pei-Ming Zheng	2015/09/29			dwg no	10137013		A
surface	✓	linear	0.X	±0.5		HPCE VERT RECT				
			0.XX	±0.25		14LP OMITTED 6LP				
			0.XXX	±0.10						
ISO 1302	angular		0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 4 of 4	