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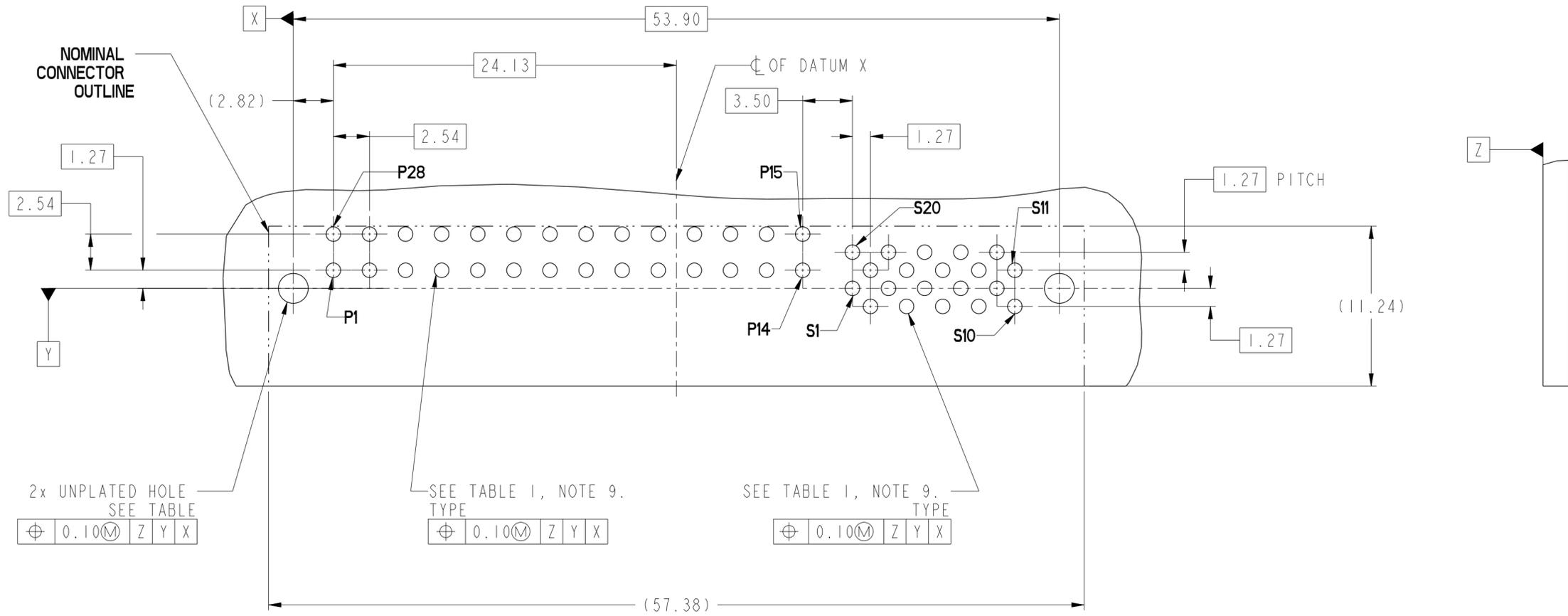
spec ref	-	dr	Hai-Ling Liu	2015/09/14	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/12/29			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2015/12/29						
surface	ISO 1302	appr	Pei-Ming Zheng	2015/12/29	product family		dwg no	10136974	rev	A
	linear	0.X	±0.50		www.fci.com		cat. no.	Product - Customer Drw	sheet 1 of 4	
		0.XX	±0.25		FCJ		title	HPCE RA RECEPT		
		0.XXX	±0.10					2HP6LP20S		
	angular	0°	±2°							

PDS: Rev :A

STATUS:Released

Printed: Dec 30, 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

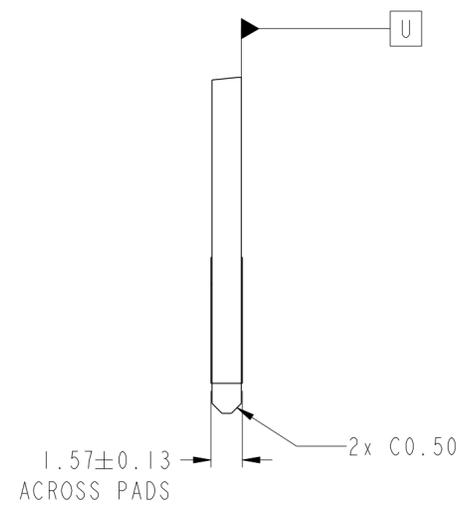
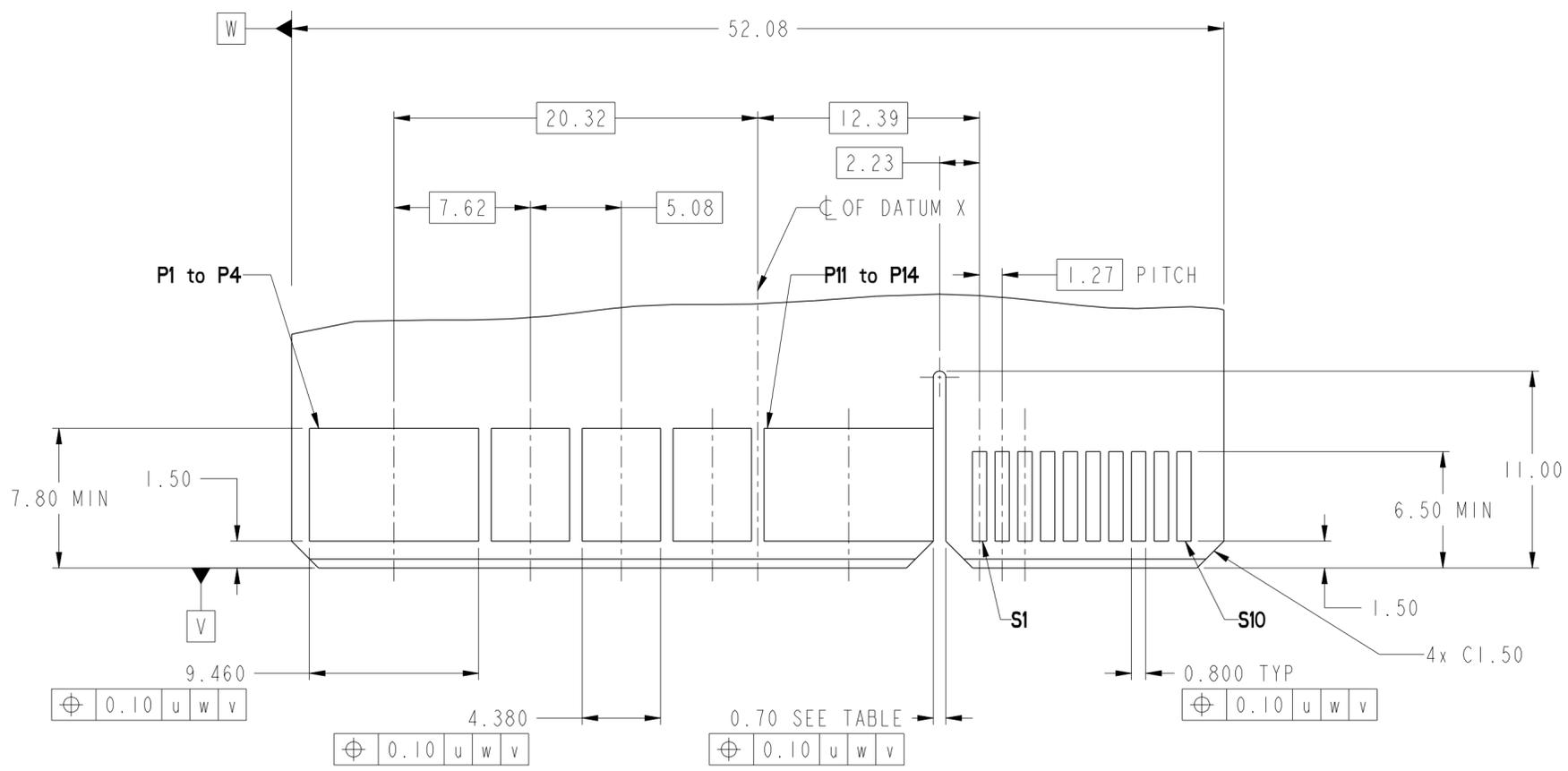


RECOMMENDED PCB LAYOUT

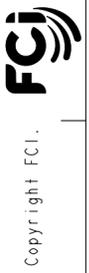
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tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/12/29			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2015/12/29						
surface	ISO 1302	appr	Pai-Ming Zheng	2015/12/29	product family		dwg no	10136974	rev	A
linear	0.X ±0.50 0.XX ±0.25 0.XXX ±0.10	www.fci.com	cat. no.		Product - Customer Drw		sheet 2 of 4			
angular	0° ±2°									



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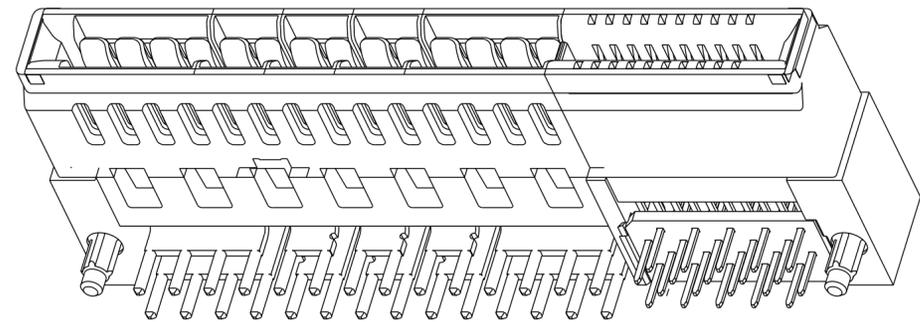
RECOMMENDED MATING BOARD FOOT PRINT



spec ref	-	dr	Hai-Ling Liu	2015/09/14	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/12/29			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2015/12/29						
surface	ISO 1302	appr	Pei-Ming Zheng	2015/12/29	product family		divg no	10136974	rev	A
	linear	0.X	±0.50							
		0.XX	±0.25							
		0.XXX	±0.10							
	angular	0°	±2°							
		www.fci.com		cat. no.	Product - Customer Drw		sheet 3 of 4			

HPCE PART NUMBER (TABLE 2)

PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH
10136974-001LF	SOLDER TAIL	YES	YES	2.60±0.25
10136974-002LF			NO	



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
 \varnothing 2.18 +/- 0.03 FOR SOLDER TAILS

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surface	ISO 1302	appr	Pai-Ming Zheng	2015/12/29	product family		cat. no.	HPCE RA RECEPT 2HP6LP20S	dwg no	10136974
	linear	0.X	±0.50						rev	A
		0.XX	±0.25							
		0.XXX	±0.10							
	angular	0°	±2°							