

spec ref	dr	Sunny2 Liu	2016/01/18	projection	MM	size	A2	scale	1:1
tolerance std	eng	Sunny2 Liu	2016/01/21			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED	chr	Terris Liu	2016/01/21						
	appr	Pei-Ming Zheng	2016/01/21						
surface	linear	0.X	±0.50	product family	-	rel level	Released	title	HPCE VT RECEP WITHOUT PEGS
		0.XX	±0.25	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 1 of 4	10138432
	angular	0°	±2°						

PDS: Rev :A

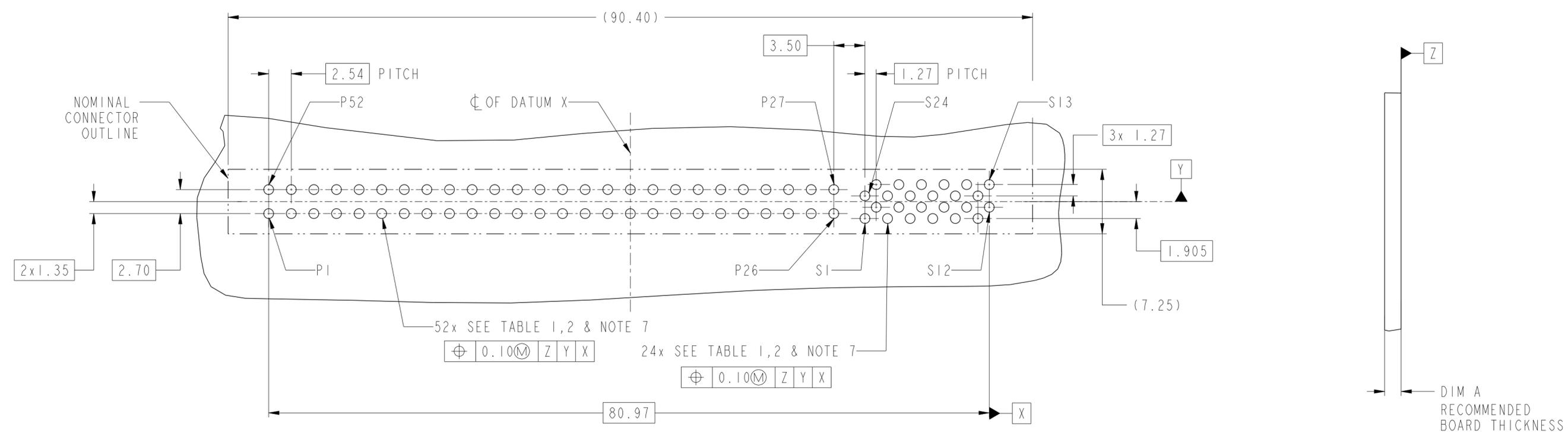
STATUS:Released

Printed: Jan 22, 2016

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

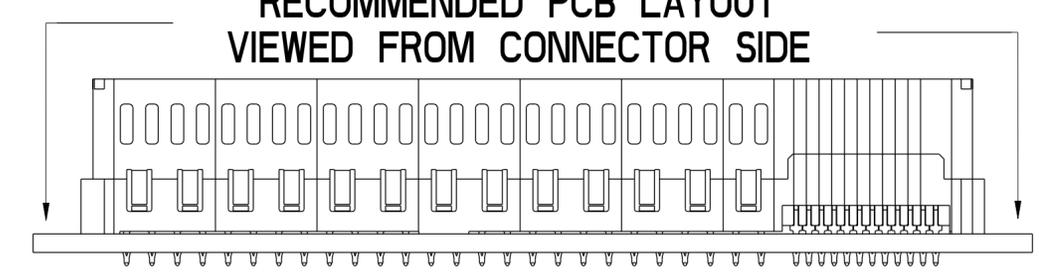
  

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION 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



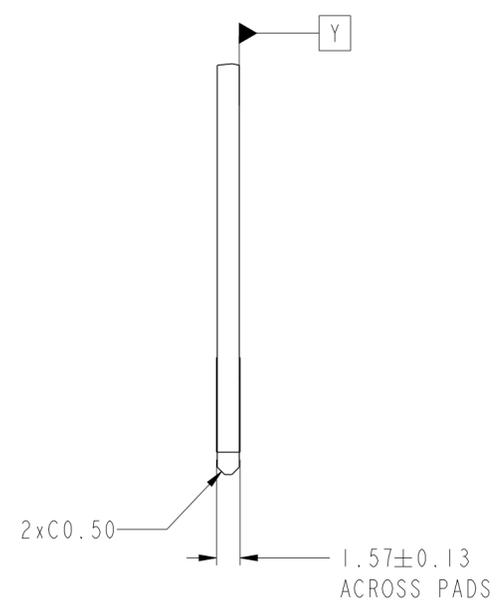
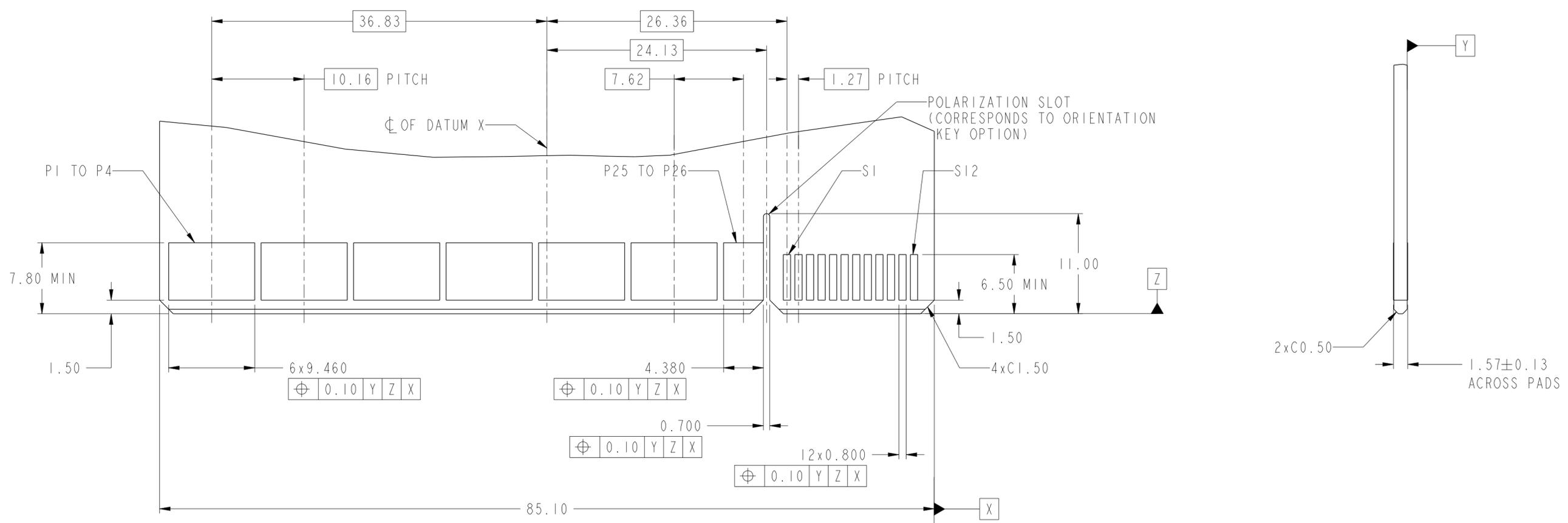
**RECOMMENDED PCB LAYOUT**  
DIMENSION TOLERANCE  $\pm 0.05\text{MM}$

**RECOMMENDED PCB LAYOUT**  
VIEWED FROM CONNECTOR SIDE



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chr	Terris Liu	2016/01/21						
appr	Pei-Ming Zheng	2016/01/21	product family	-	cat. no.	-	Product - Customer Drw	sheet 2 of 4
			title HPCE VT RECEP WITHOUT PEGS I2HP2LP24S			dwg no 10138432		rev A

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RECOMMENDED EDGE CARD LAYOUT  
 DIMENSION TOLERANCE  $\pm 0.05\text{MM}$

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www.fci.com			cat. no.			Product - Customer Drw		sheet 3 of 4

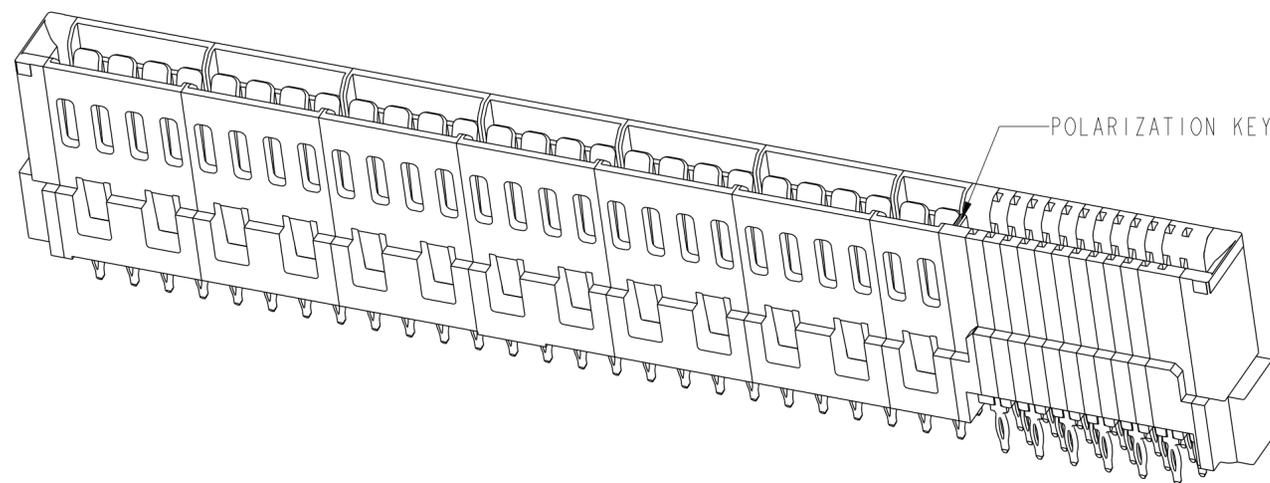
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TABLE 3

PART NUMBER	TAIL TYPE	FRONT POLARIZATION KEY	DIM A RECOMMENDED BOARD THICKNESS
10138432-001LF	SOLDER	YES	2.36±0.13
10138432-002LF	SOLDER	NO	
10138432-003LF	PRESS-FIT	YES	1.57 MIN
10138432-004LF	PRESS-FIT	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. PRESS FIT APPLICATOIN TOOL DRAWING:10119453.

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appr	Pei-Ming Zheng	2016/01/21	product family	-				
			title HPCE VT RECEP WITHOUT PEGS I2HP2LP24S		dwg no 10138432	rev A		
www.fci.com			cat. no.	-	Product - Customer Drw		sheet 4 of 4	