

Copyright FCI.
FCI

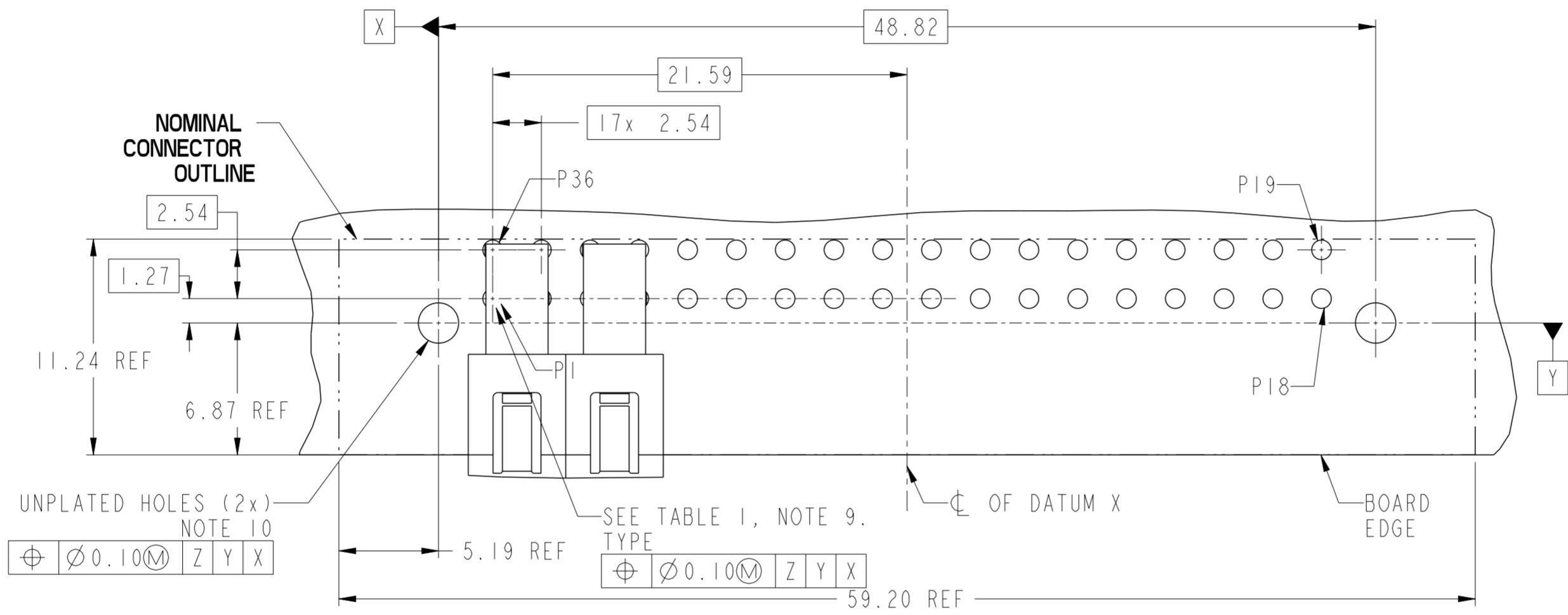
spec ref	-	dr	Julia Wang	2014/04/08	projection	MM	size	A2	scale	4:1	
tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2014/09/03			ecn no	ELX-DG-18567-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	rel level			Released				
surface	ISO 1302	appr	Pei-Ming Zheng	2014/09/03	product family		dwg no	10129651		rev	B
	linear	0.X	± 0.5		title		HPCE BTB R/A RECPT		Product - Customer Draw	sheet 1 of 3	
		0.XX	± 0.25		36P - WITH GUIDE POST						
	angular	0°	$\pm 2^\circ$		cat. no.						

PDS: Rev :B

STATUS:Released

Printed: Sep 03, 2014

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



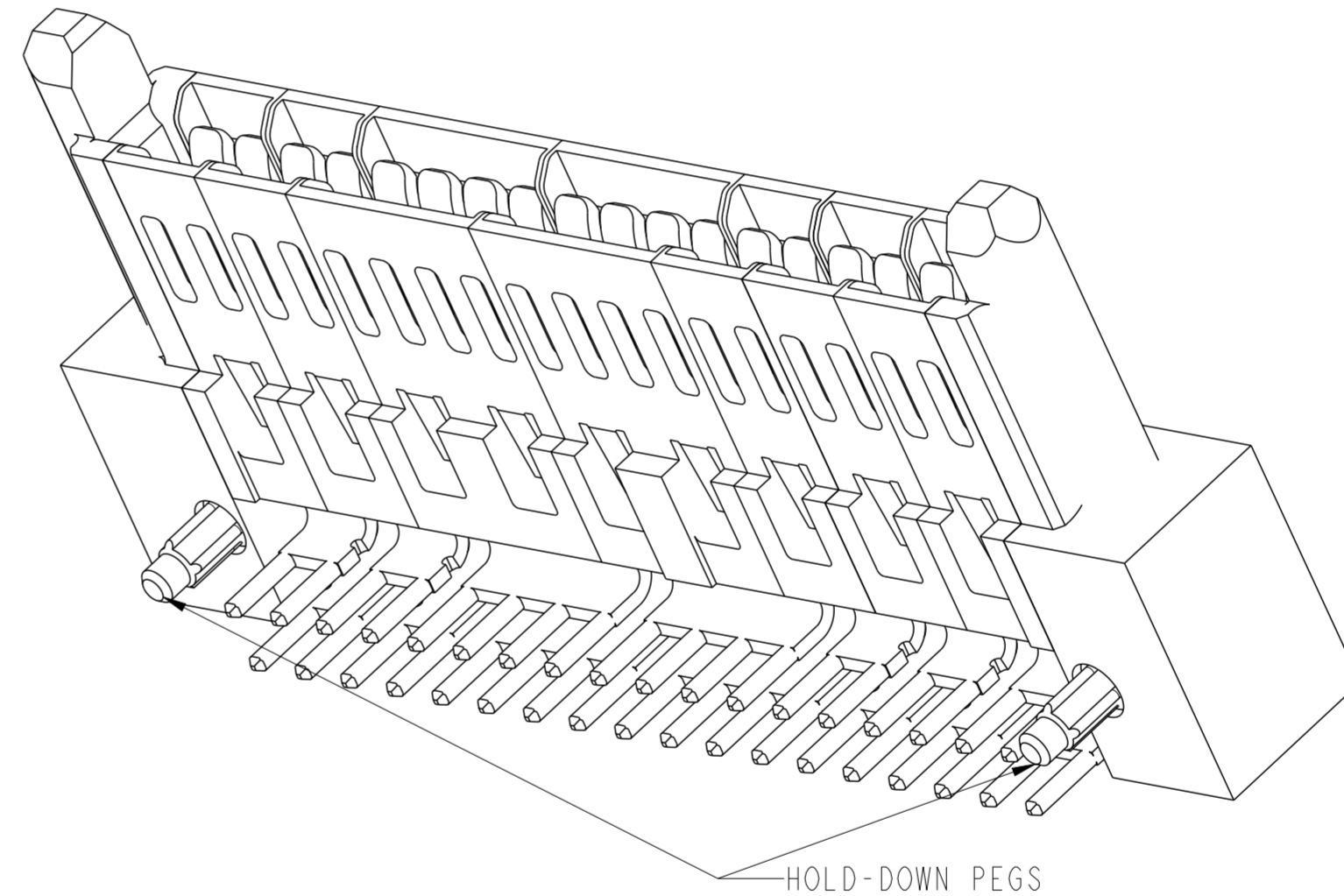
RECOMMENDED PCB LAYOUT

dr	Julia Wang	2014/04/08	projection	MM	size	A2	scale	4:1
eng	Hai-Ling Liu	2014/09/03			ecn no	ELX-DG-18567-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/09/03	product family					
		HPCE BTB R/A RECPT 36P - WITH GUIDE POST	dwg no 10129651	rev B				
www.fci.com		cat. no.	Product - Customer Drw		sheet 2 of 3			

Copyright FCI. FCI

HPCE PART NUMBER (TABLE 2)

PART NUMBER	TAIL TYPE	HOLD-DOWN PEGS OPTION	DIM "T" ±0.25 TAIL LENGTH	RECOMMENDED PCB THICKNESS
10129651-001LF	STB	YES	3.25	1.57 - 2.38
10129651-005LF	STB	YES	4.85	4.00



NOTES:

1. CONNECTOR MATERIALS:
 HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
 UL 94V-0 COMPLIANT
 CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-1125.
3. PRODUCT SPECIFICATION: GS-12-1125.
4. APPLICATION SPECIFICATION: GS-20-0388.
5. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-2272.
7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
8. MOUNTING HOLES ARE UNPLATED
 $\varnothing 2.18 \pm 0.03$ FOR SOLDER TAILS

dr	Julia Wang	2014/04/08	projection	MM	size	A2	scale	4:1
eng	Hai-Ling Liu	2014/09/03			ecn no	ELX-DG-18567-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/09/03	product family					
		title	HPCE BTB R/A RECPT		dwg no	10129651		rev
www.fci.com		cat. no.	36P - WITH GUIDE POST				B	
			Product - Customer Drw			sheet 3 of 3		