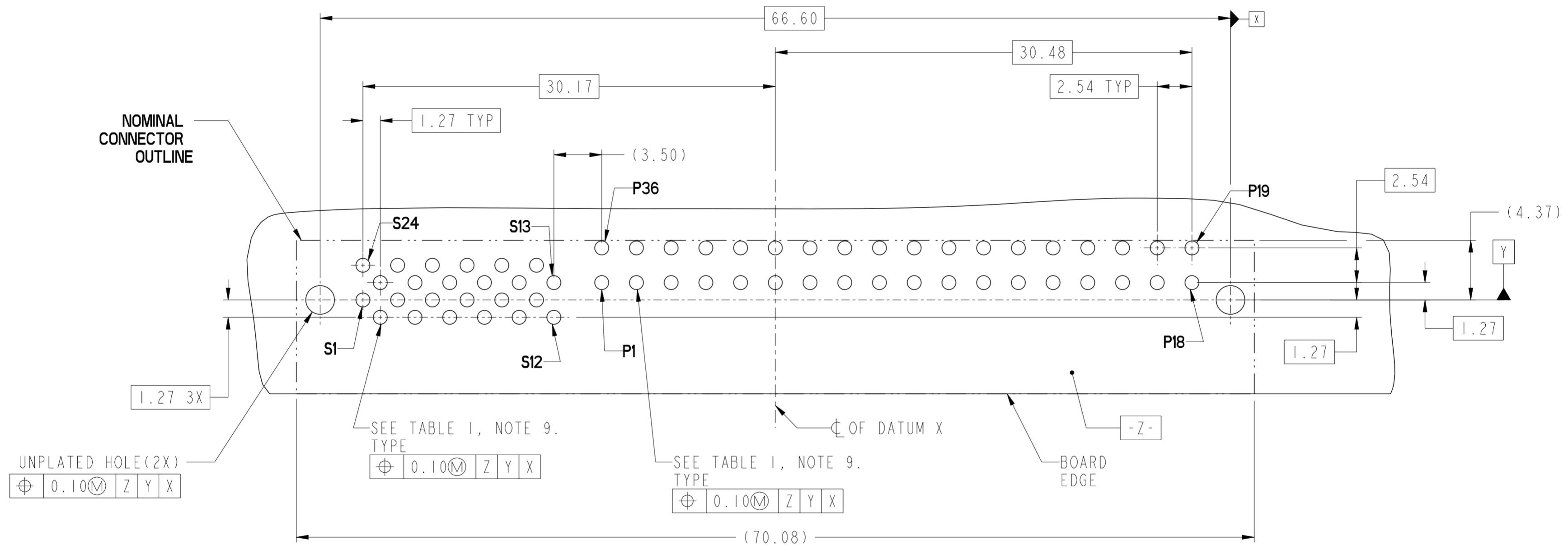


REV	DR	DATE
A	HZ	2012-05-22

spec ref	-	dr	Wei-Long Zhang	2012/04/19	projection	MM	size	A2	scale	4:1	
tolerance std	ISO 406 ISO 1101	eng	Wei-Long Zhang	2012/05/23			ecn no	-	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	apppr							Pei-Ming Zheng
surface	ISO 1302	linear	0.X	±0.3			title	R/A RECT (24S-36P)		dwg no 10120821	rev A
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw		sheet 1 of 4		

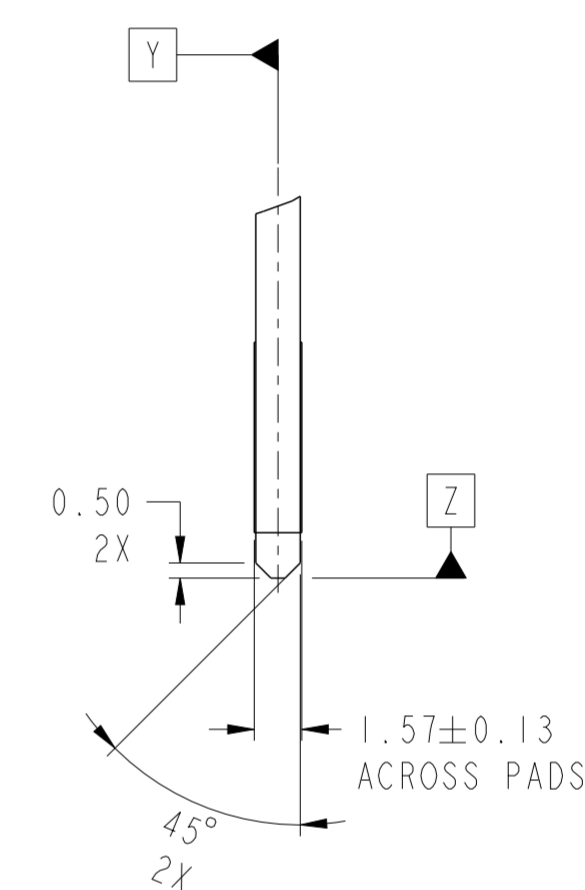
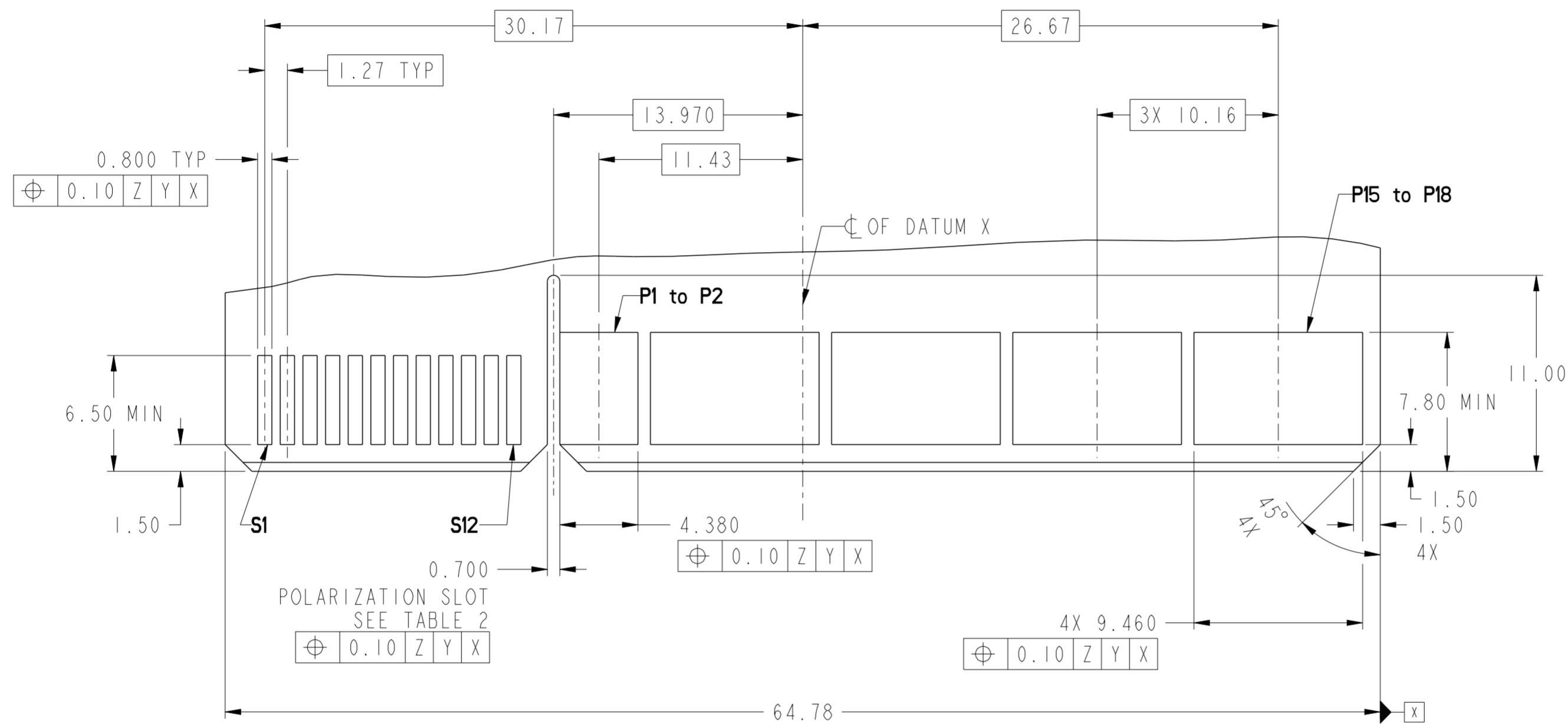


CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	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

spec ref	-	dr	Wei-Long Zhang	2012/04/19	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Wei-Long Zhang	2012/05/23			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app						
surface	ISO 1302	linear	0.X	±0.3			FCJ R/A RECT (24S-36P) HIGH POWER CARD EDGE	dwg no 10120821	rev A	
		angular	0°	±2°	www.fci.com	cat. no.	Product - Customer Drw	sheet 2 of 4		



RECOMMENDED MATING BOARD FOOT PRINT

spec ref -		dr	Wei-Long Zhang	2012/04/19	projection	MM	size	A2	scale	4:1			
tolerance std ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Wei-Long Zhang	2012/05/23	ecn no -					
surface		linear	0.X	±0.3	chr	-	rel level			Released			
ISO 1302		angular	0°	±2°	appr	Pai-Ming Zheng	2012/05/28	product family					
		FCJ		www.fci.com		title		R/A RECT (24S-36P) HIGH POWER CARD EDGE		dwg no	10120821	rev	A
						cat. no.		Product - Customer Drw		sheet 3 of 4			

PDS: Rev :A

STATUS:Released

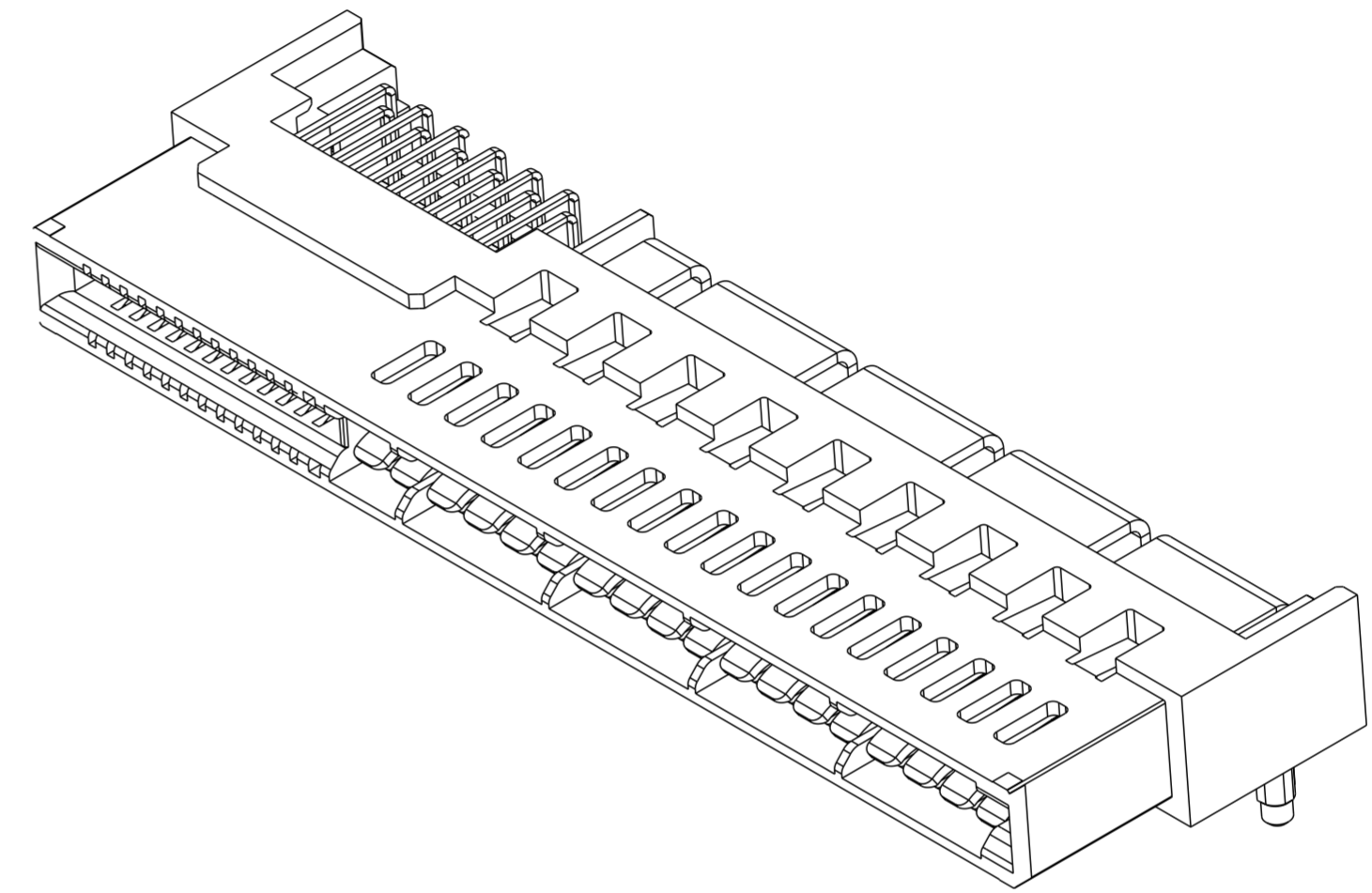
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HPCE PART NUMBER (TABLE 2)

PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH
10120821-001LF	SOLDER TAIL	NO	YES	3.25±0.25
10120821-002LF			NO	
10120821-003LF		YES	YES	
10120821-004LF			NO	
10120821-005LF		NO	YES	2.60±0.25
10120821-006LF			NO	
10120821-007LF		YES	YES	
10120821-008LF			NO	



NOTES:

- CONNECTOR MATERIALS:
 HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
 UL 94V-0 COMPLIANT
 CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-604 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-604.
- APPLICATION SPECIFICATION: GS-20-128.
- PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
- PACKAGING MEETS FCI SPECIFICATION GS-14-937.
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- ALL HOLE SIZES ARE FINISHED HOLE SIZES.
- MOUNTING HOLES ARE UNPLATED
 $\varnothing 2.10 \pm 0.1$ FOR SOLDER TAILS

spec ref	-	dr	Wei-Long Zhang	2012/04/19	projection	MM	size	A2	scale	4:1		
tolerance std	ISO 406 ISO 1101	eng	Wei-Long Zhang	2012/05/23			ecn no	-	rel level		Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	2012/05/28			product family	rel level	Released			
surface	ISO 1302	appr	Pei-Ming Zheng	2012/05/28			title	R/A RECT (24S-36P) HIGH POWER CARD EDGE	dwg no	10120821	rev	A
linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	www.fci.com		cat. no.	Product - Customer Drw		sheet 4 of 4					
angular	0° ±2°											