



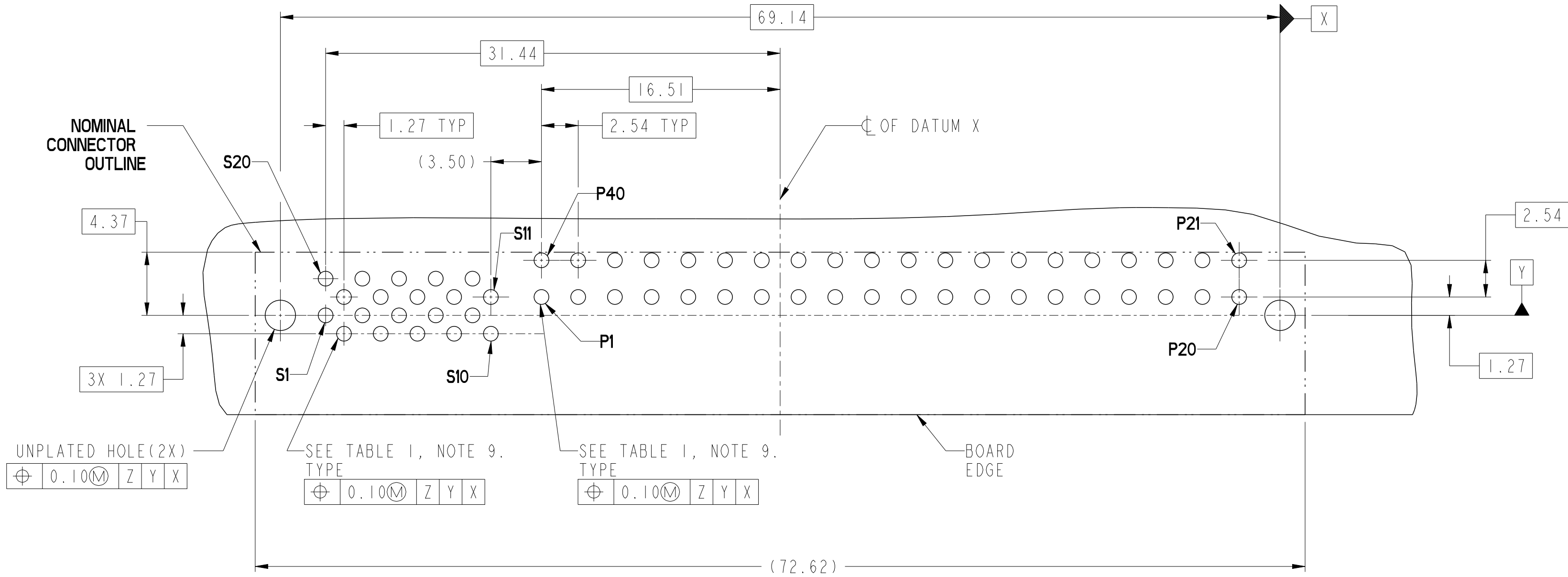


spec ref		-		dr		Wei-Long Zhang		2012/09/27		projection		MM		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Hai-Ling Liu		2015/06/16						A2		4:1			
ISO 406				chr		Terris Liu		2015/06/15						ecn no		-			
ISO 1101				appr		Pei-Ming Zheng		2015/06/16		product family		rel level		Released					
surface 		linear		0.X		±0.5				title		R/A RECT (20S-40P)		dwg no		10122876		rev	
				0.XX		±0.25													
				0.XXX		±0.10													
ISO 1302		angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4		A			

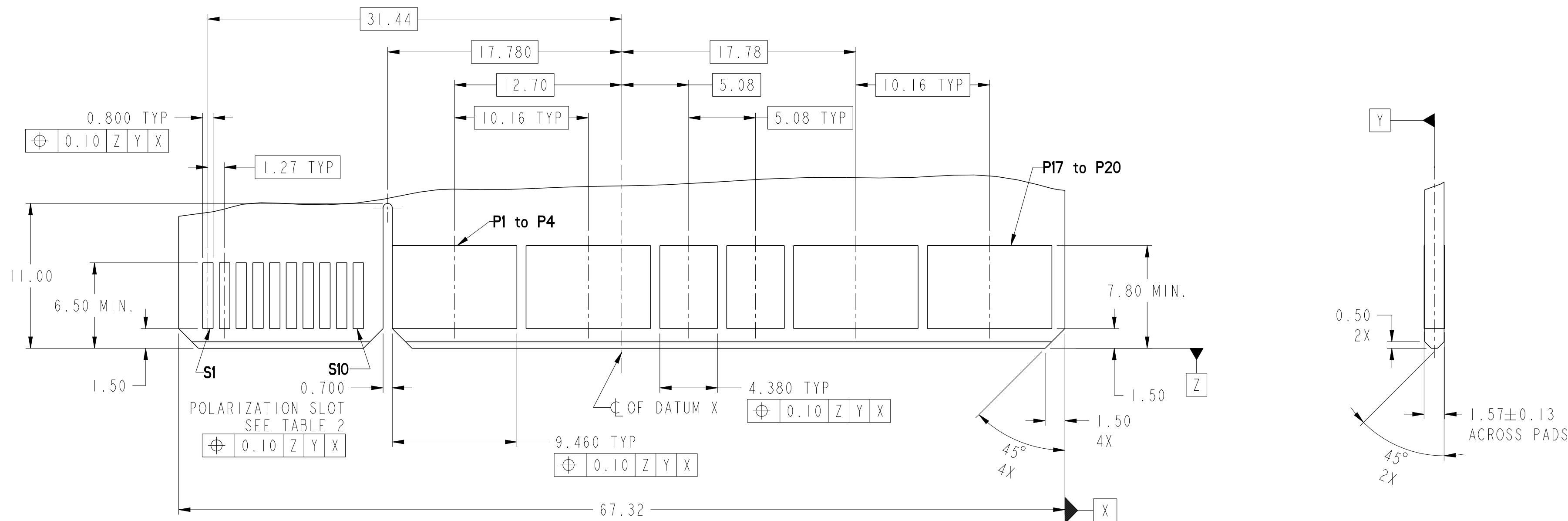
CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	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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spec ref	-	dr	Wei-Long Zhang	2012/09/27	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/06/16	chr	Terris Liu	2015/06/15	ecn no	-	
surface	ISO 1302	appr	Pei-Ming Zheng	2015/06/16	product family	Released				
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	angular	0° ±2°	www.fci.com	cat. no.	R/A RECT (20S-40P) HIGH POWER CARD EDGE				rev
PDS: Rev :A					STATUS:Released			Printed: Jun 16, 2015		sheet 2 of 4



RECOMMENDED MATING BOARD FOOT PRINT

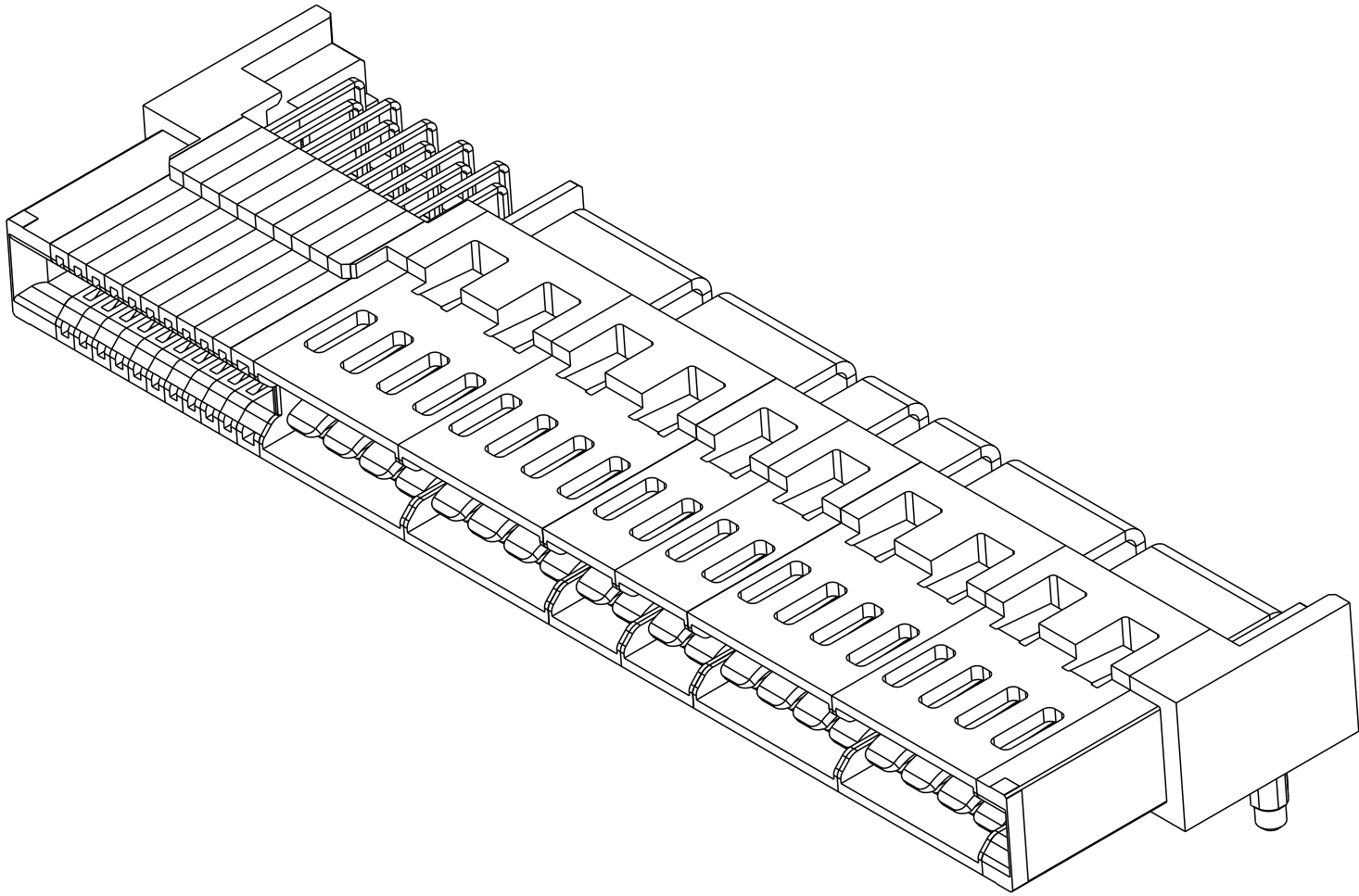
spec ref	-	dr	Wei-Long Zhang	2012/09/27	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Hai-Ling Liu	2015/06/16	chr	Terris Liu	2015/06/15	ecn no	-	
surface	ISO 1302	appr	Pei-Ming Zheng	2015/06/16	product family		rel level	Released		
linear	0.X ±0.5 0.XX ±0.25 0.XXX ±0.10	title	R/A RECT (20S-40P) HIGH POWER CARD EDGE	cat. no.		Product - Customer Drw	sheet 3 of 4	rev	A	

PDS: Rev :A


STATUS:Released

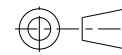



Printed: Jun 16, 2015

HPCE PART NUMBER (TABLE 2)				
PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TAIL LENGTH
10122876-001LF	SOLDER TAIL	NO	YES	3.25±0.25
10122876-002LF			NO	
10122876-003LF		YES	YES	
10122876-004LF			NO	
10122876-005LF		NO	YES	2.60±0.25
10122876-006LF			NO	
10122876-007LF		YES	YES	
10122876-008LF			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 (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
10. MOUNTING HOLES ARE UNPLATED
Ø 2.18 +/- 0.03 FOR SOLDER TAILS
11. A  SYMBOL WILL BE NEXT TO ANY DIMENSIONS, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref -		dr Wei-Long Zhang		2012/09/27		projection		MM		size A2		scale 4:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Hai-Ling Liu		2015/06/16						ecn no -			
ISO 406				2015/06/15											
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		appr Pei-Ming Zheng		2015/06/16		product family				rel level Released					
surface 		linear		0.X		±0.5				R/A RECT (20S-40P)		dwg no 10122876		rev A	
				0.XX		±0.25									
				0.XXX		±0.10									
		ISO 1302		angular		0°									