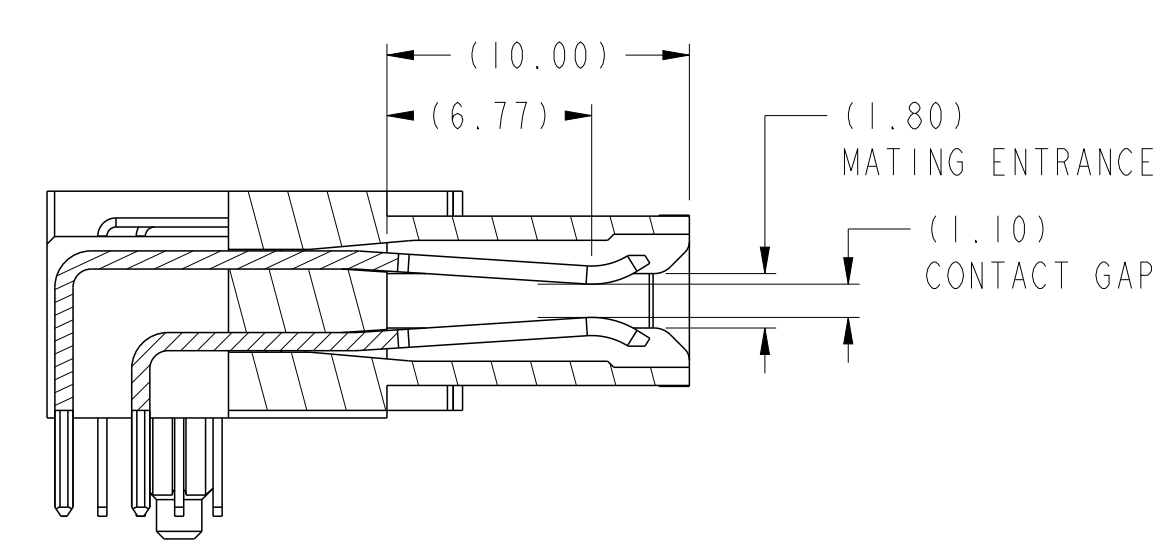
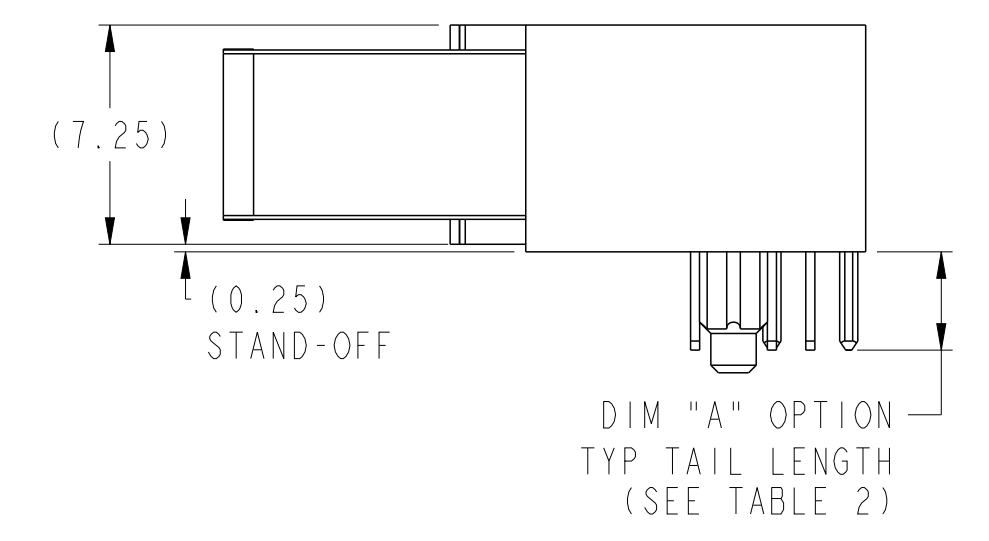
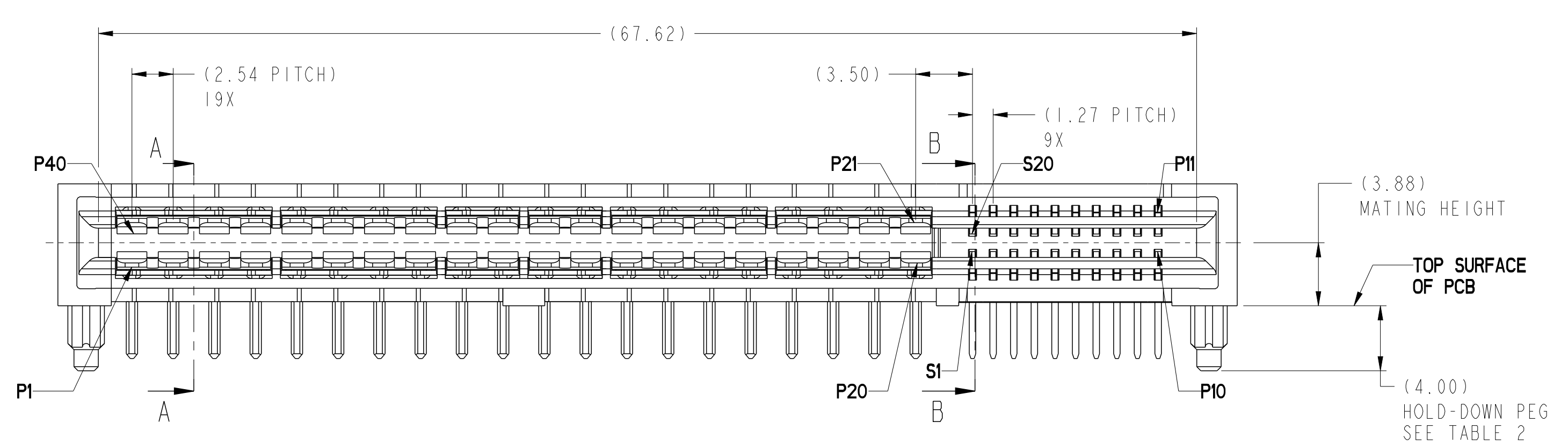
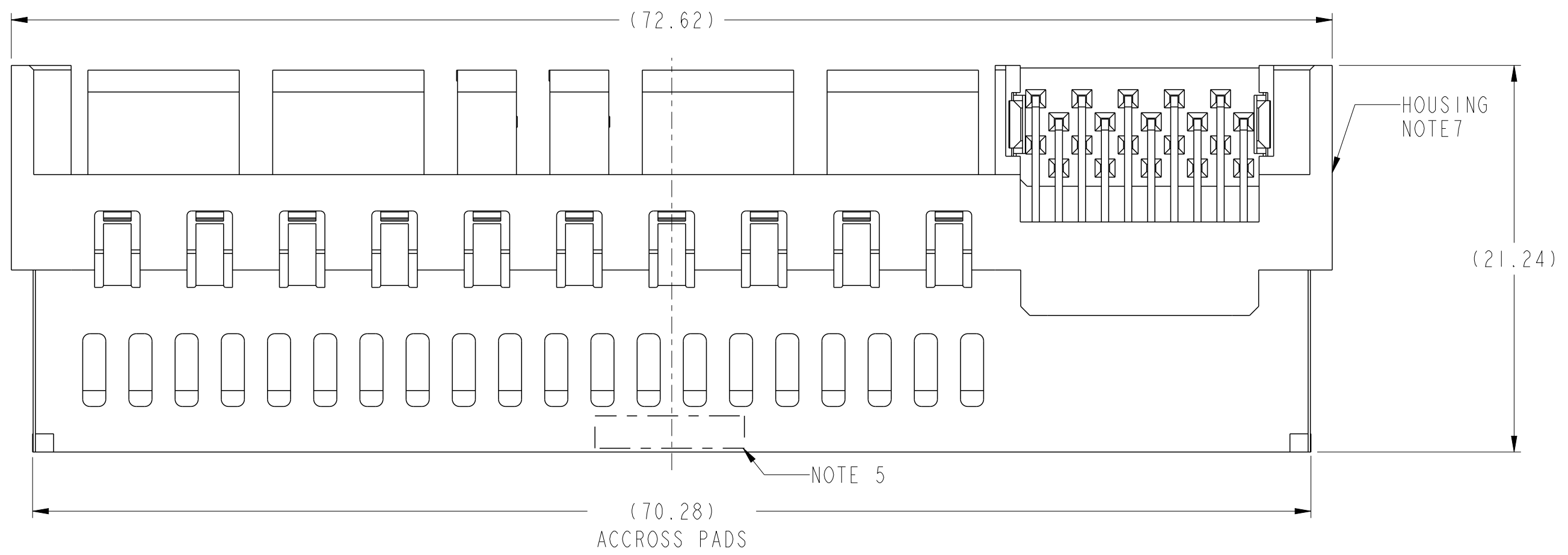
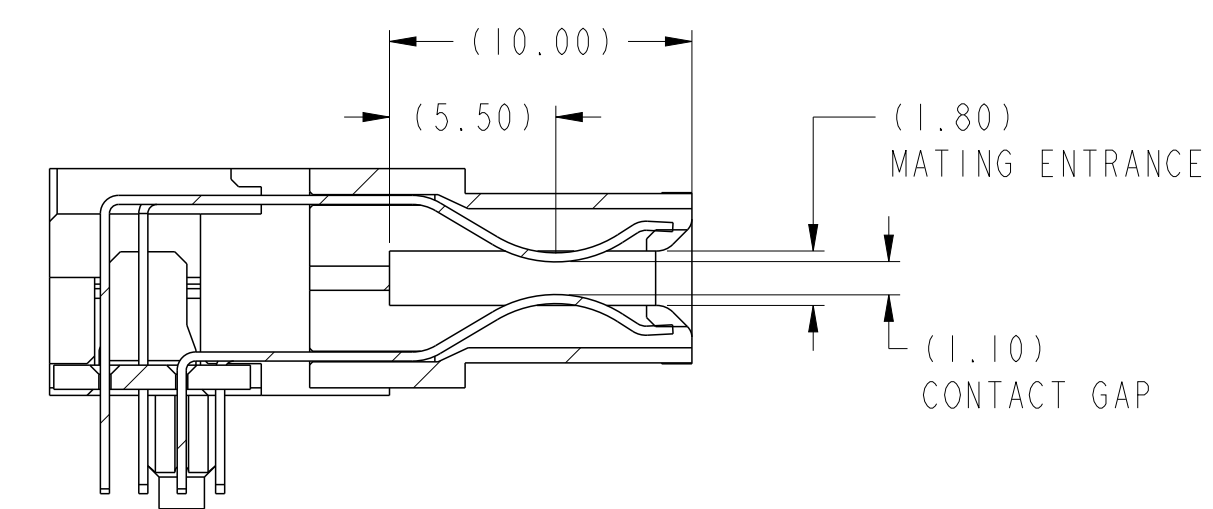


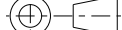


SECTION A-A
SCALE 4:1



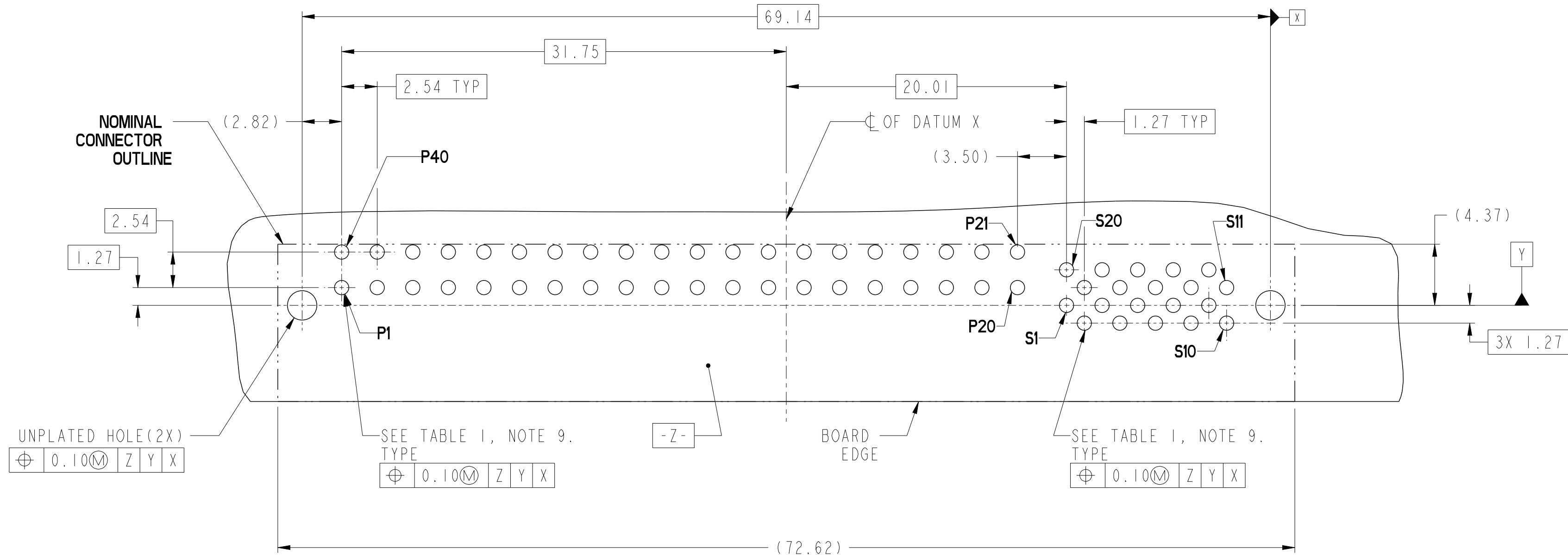
SECTION B-B
SCALE 4:1

REV	DR	DATE
A	HZ	2012-05-31

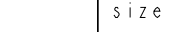
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tolerance std ISO 406 ISO 1101		eng Wei-Long Zhang2012/05/31				ecn no -		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level Released		
		appr Pei-Ming Zheng2012/06/01						
surface 		linear	0.X ±0.3 0.XX ±0.10 0.XXX ±0.05	FCi 		title R/A RECT (40P-20S) HIGH POWER CARD EDGE	dwg no 10120872	rev A
ISO 1302		angular	0° ±2°					
		www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4

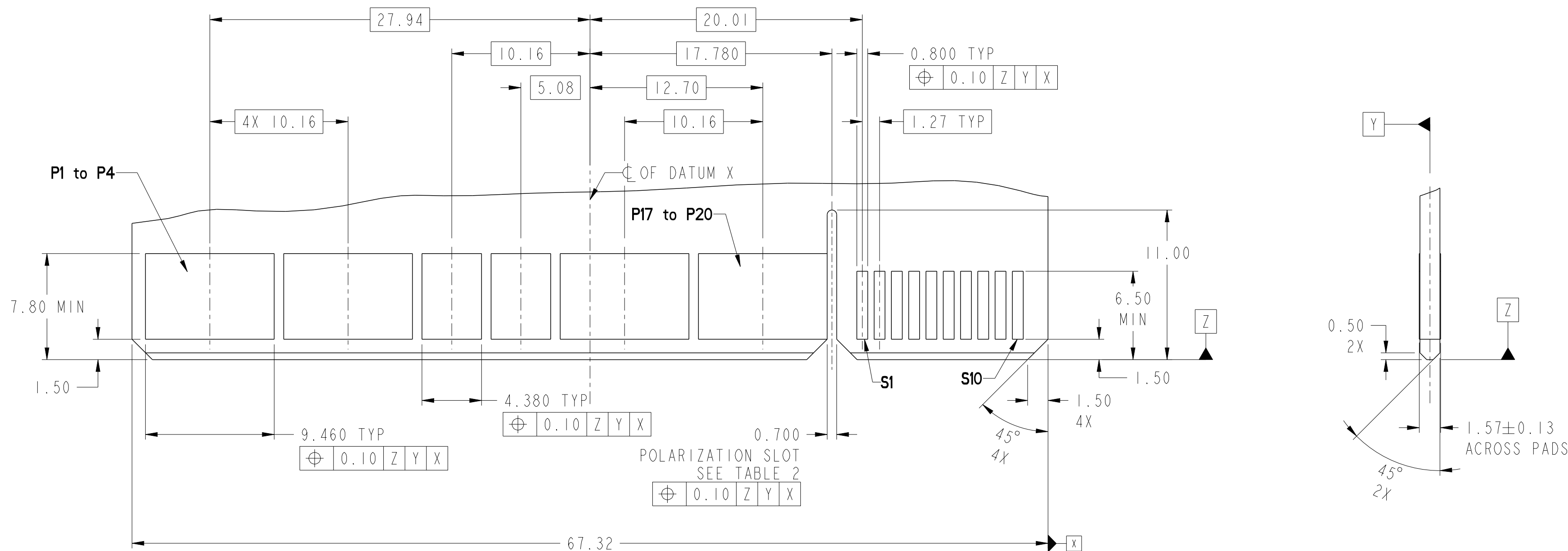
Copyright FCI.
FCI

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		2012/04/24		projection				size		A2		scale		4:1	
tolerance std		ISO 406		eng		Wei-Long Zhang		2012/05/31		chr		-		ecn no		-		rel level		Released	
ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		appr		Pei-Ming Zheng		2012/06/01		product family											
surface		✓		linear		0.X		±0.3		FCI		title		R/A RECT (40P-20S)		dwg no		10120872		rev	
						0.XX		±0.10						HIGH POWER CARD EDGE						A	
ISO 1302				angular		0°		±2°		www.fci.com		cat. no.		Product - Customer Drw				sheet 2 of 4			



RECOMMENDED MATING BOARD FOOT PRINT

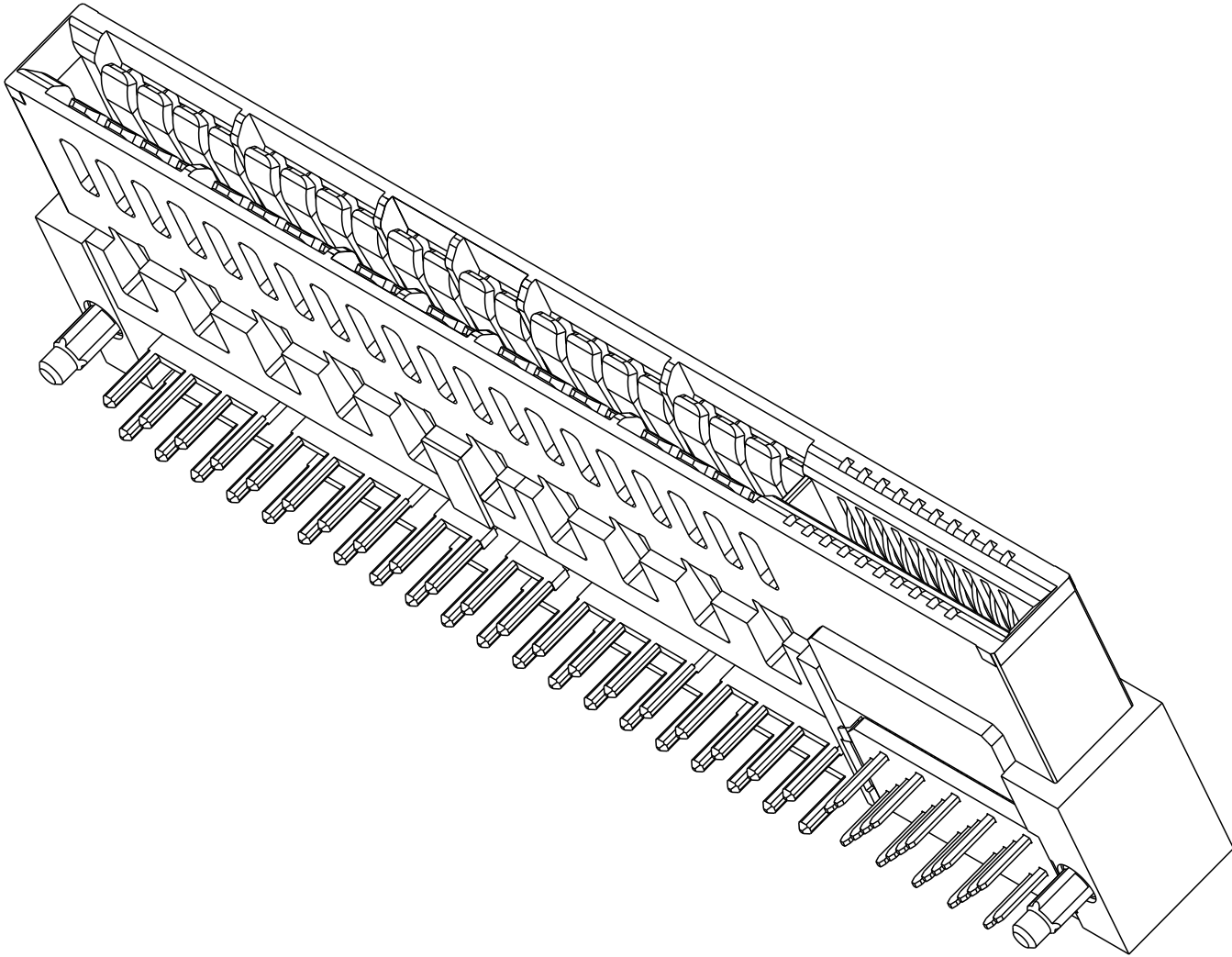
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tolerance std	ISO 406 ISO 1101	eng	Wei-Long Zhang	2012/05/31	chr	-	ecn no	-	rel level	Released
surface	ISO 1302	appr	Pei-Ming Zheng	2012/06/01	product family	R/A RECT (40P-20S) HIGH POWER CARD EDGE	cat. no.	10120872	rev	A
		linear	0.X	±0.3						
		linear	0.XX	±0.10						
		linear	0.XXX	±0.05						
		angular	0°	±2°						

PDS: Rev :A

STATUS:Released

Printed: Jun 01, 2012

HPCE PART NUMBER (TABLE 2)				
PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH
10120872-001LF	SOLDER TAIL	NO	YES	3.25±0.25
10120872-002LF			NO	
10120872-003LF		YES	YES	
10120872-004LF			NO	
10120872-005LF		NO	YES	2.60±0.25
10120872-006LF			NO	
10120872-007LF		YES	YES	
10120872-008LF			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 2.10 +/- 0.1 FOR SOLDER TAILS

spec ref	-	dr	Wei-Long Zhang	2012/04/24	projection	MM	size	A2	scale	4:1
tolerance std	ISO 406 ISO 1101	eng	Wei-Long Zhang	2012/05/31	chr	-	ecn no	-	Released	
surface	ISO 1302	appr	Pei-Ming Zheng	2012/06/01	product family		rel level			
TOLERANCES UNLESS OTHERWISE SPECIFIED		linear	0.X	±0.3	FCI		title	R/A RECT (40P-20S)	dwg no	10120872
			0.XX	±0.10				HIGH POWER CARD EDGE		rev
		angular	0°	±2°			cat. no.	www.fci.com	Product - Customer Drw	sheet 4 of 4