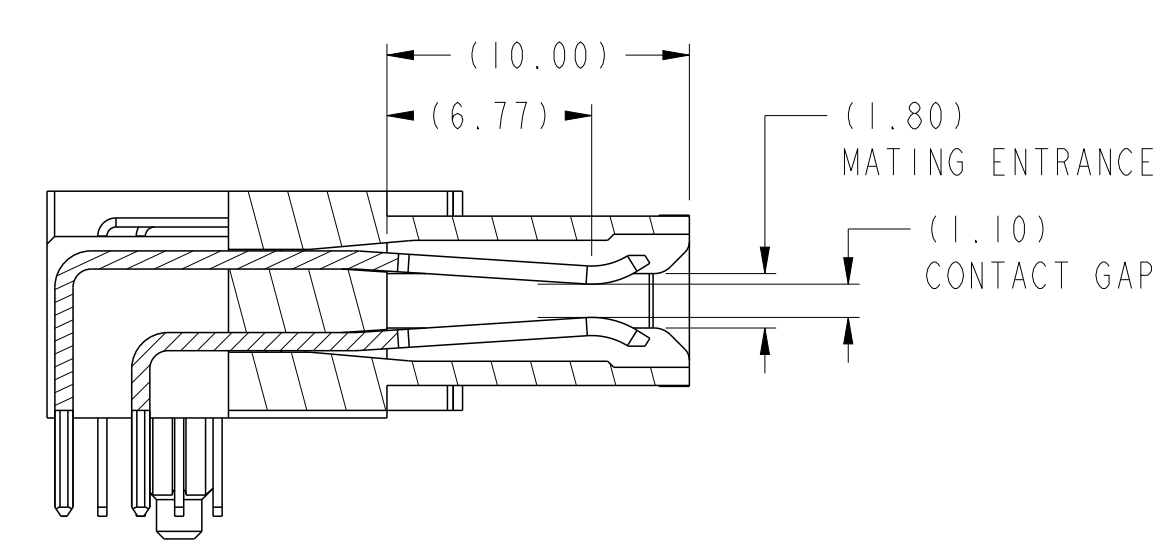
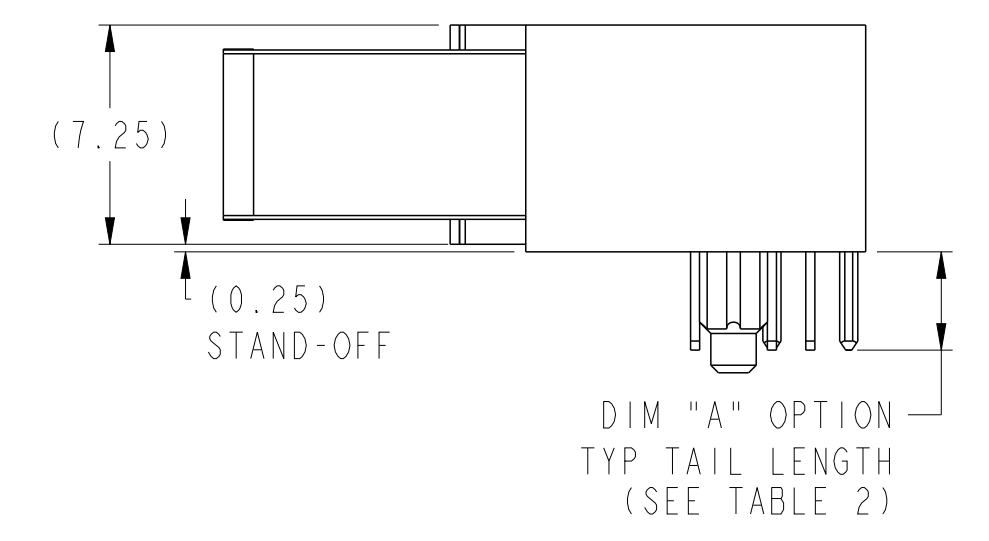
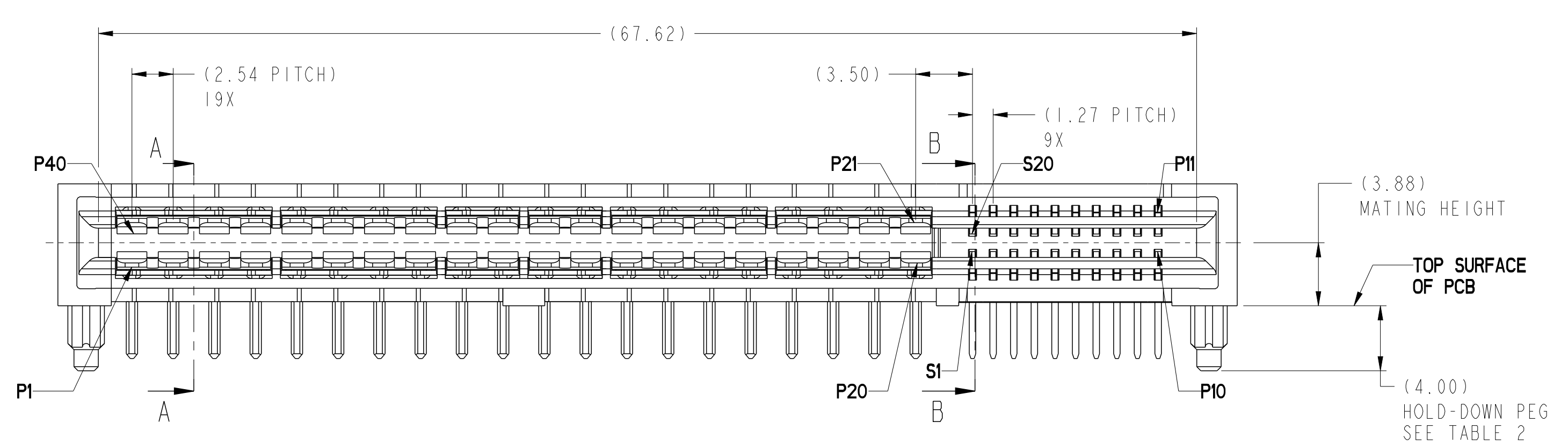
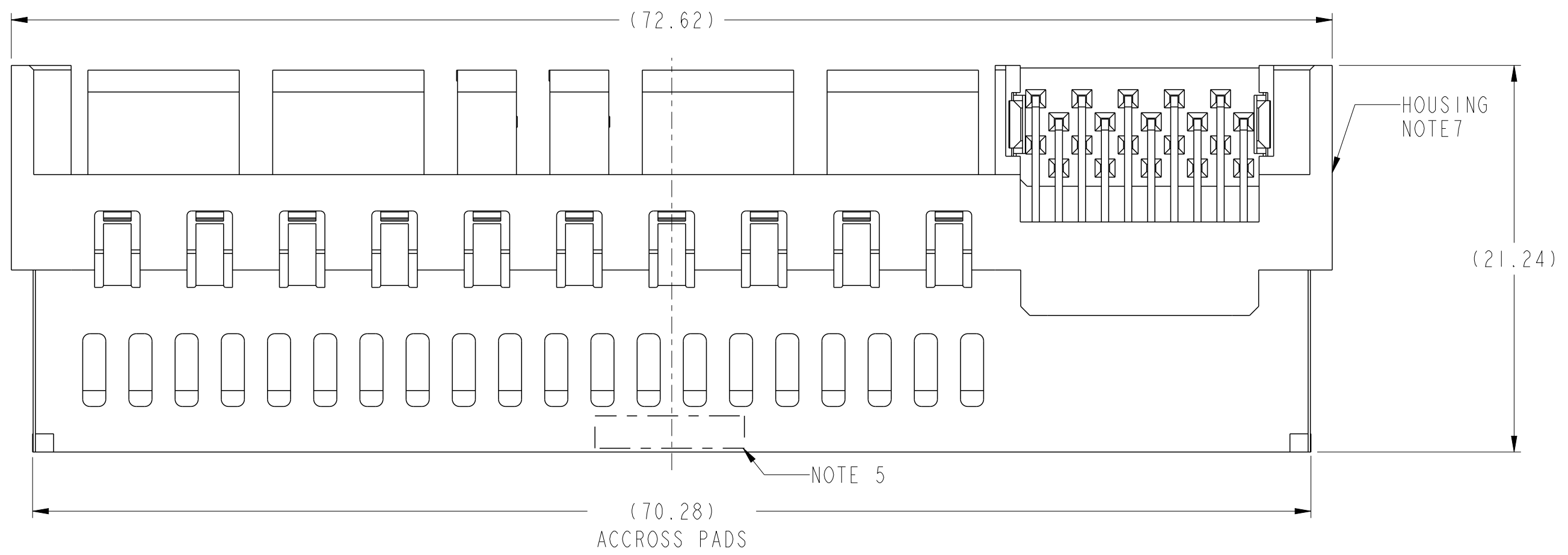
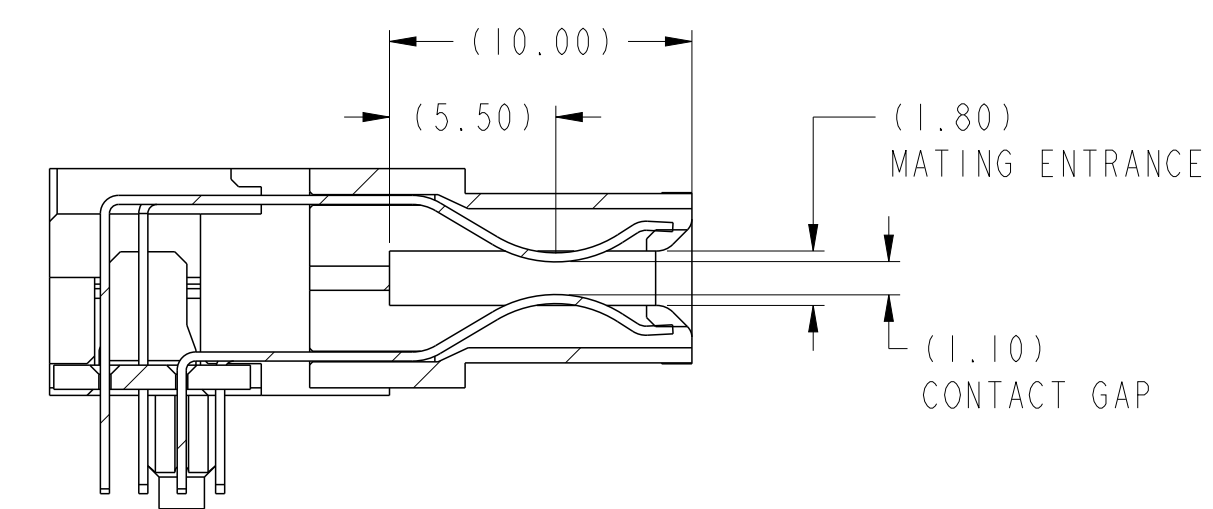


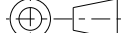


SECTION A-A
SCALE 4:1

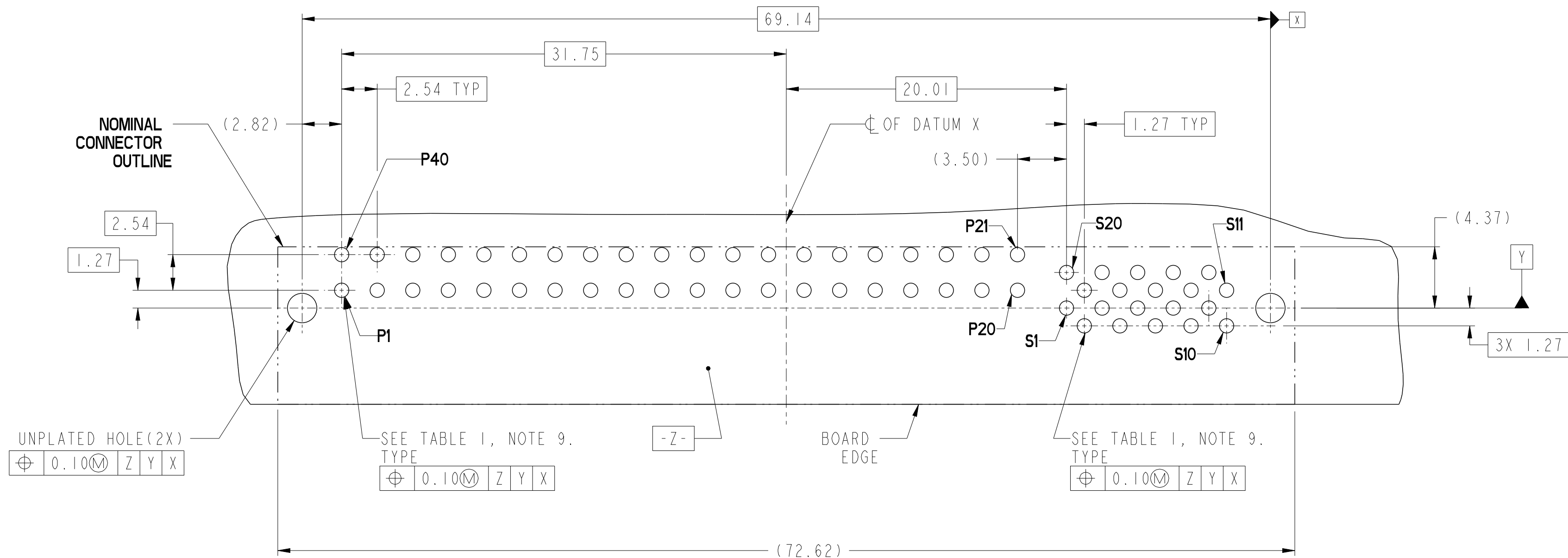


SECTION B-B
SCALE 4:1

REV	DR	DATE
A	HZ	2012-05-31

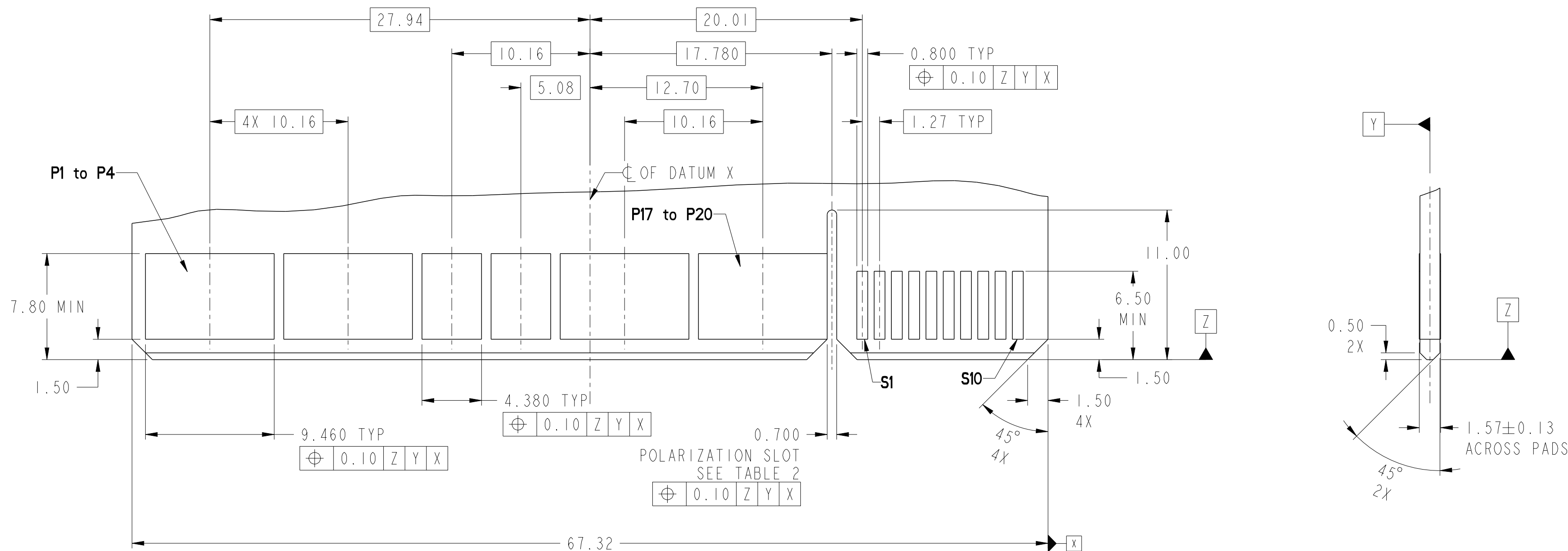
spec ref -		dr Wei-Long Zhang2012/04/24		projection 	MM 	size A2	scale 4:1		
tolerance std ISO 406 ISO 1101		eng Wei-Long Zhang2012/05/31				ecn no -			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr -				rel level Released			
		appr Pei-Ming Zheng2012/06/01							
surface 	linear	0.X	±0.3		title R/A RECT (40P-20S) HIGH POWER CARD EDGE	dwg no 10120872	rev A		
		0.XX	±0.10						
	ISO 1302	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	2012/04/24	projection	MM	size	A2	scale	4:1
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
TOLERANCES UNLESS OTHERWISE SPECIFIED		linear	0.X	±0.3	www.fci.com		Product - Customer Drw		sheet 2 of 4	
		angular	0°	±2°						



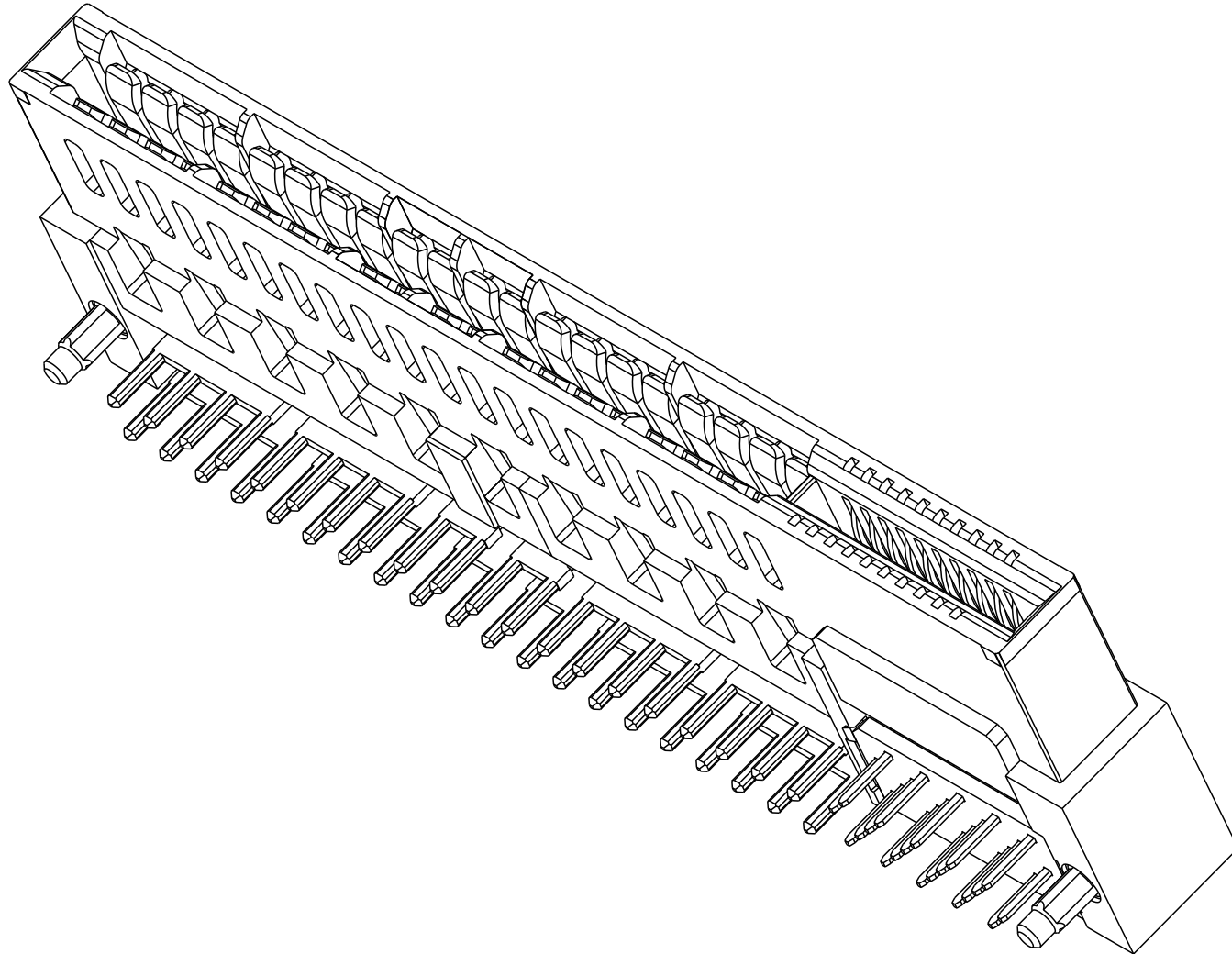
RECOMMENDED MATING BOARD FOOT PRINT

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	-	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 0.XX ±0.10 0.XXX ±0.05	angular	0° ±2°	www.fci.com	Product - Customer Drw	sheet 3 of 4				

PDS: Rev :A

STATUS:Released

Printed: Jun 01, 2012

1		2		3		4		5		6		7		8	
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															
PDS: Rev :A						STATUS:Released						Printed: Jun 01, 2012			

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