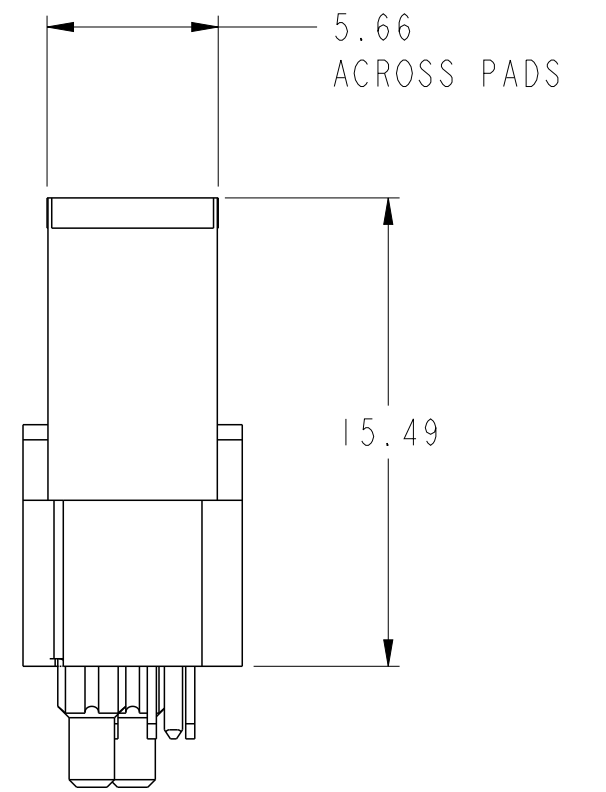
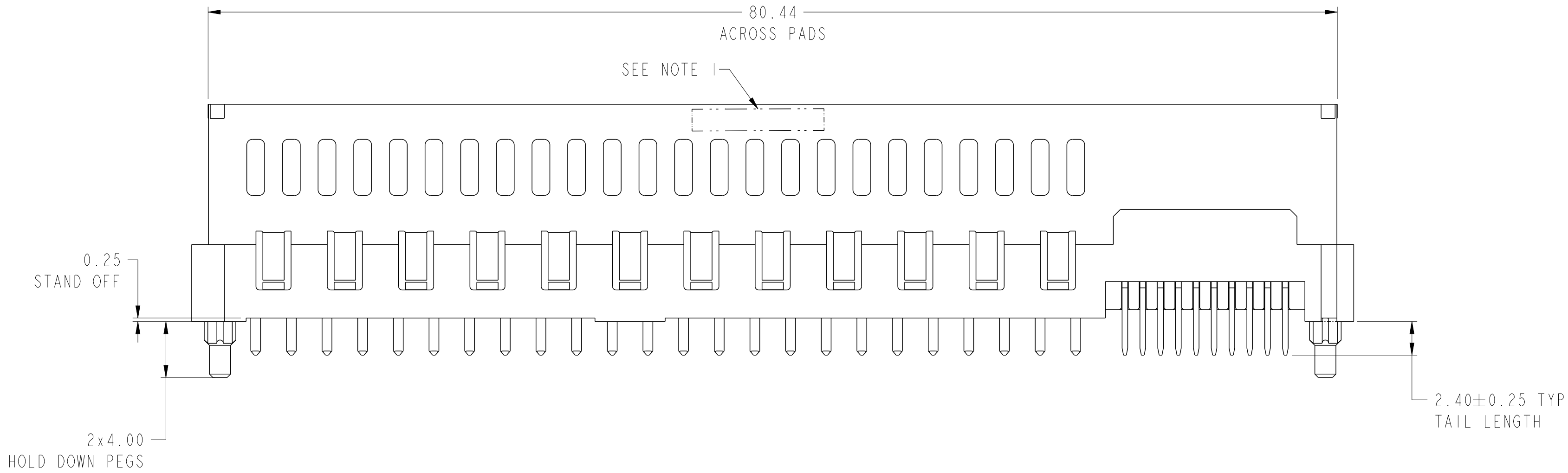
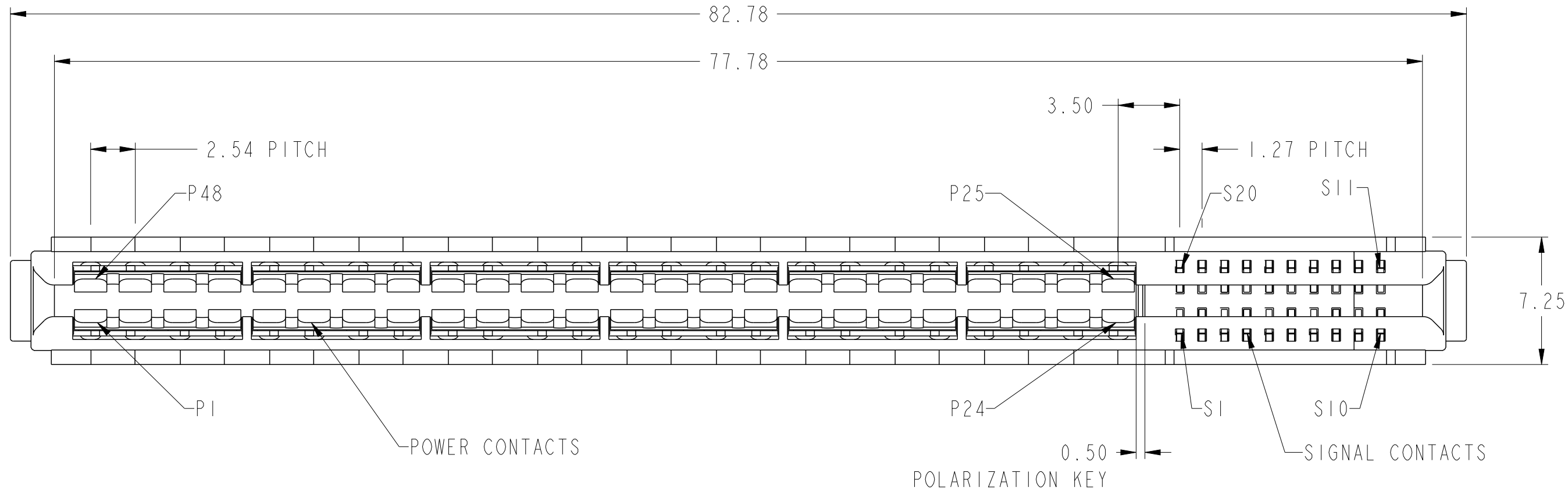
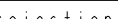
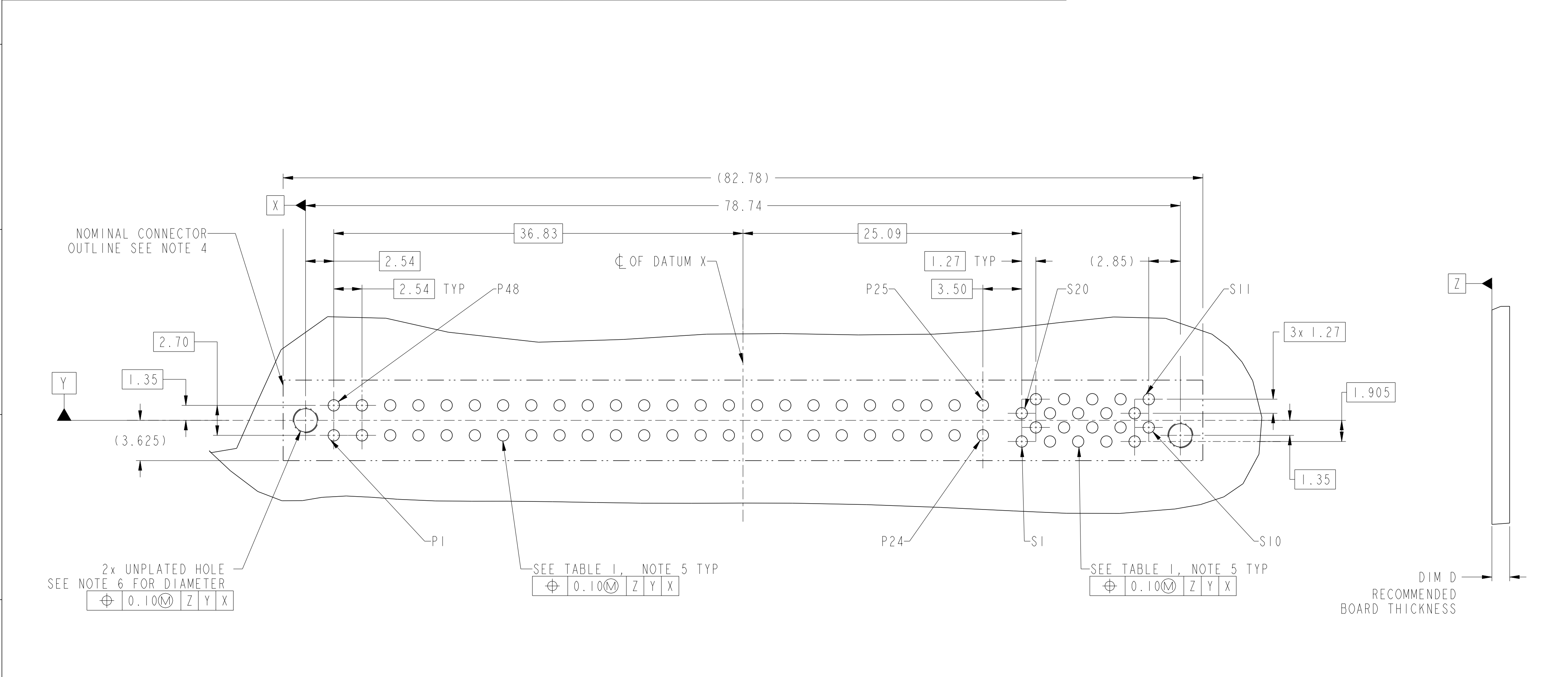


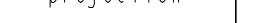


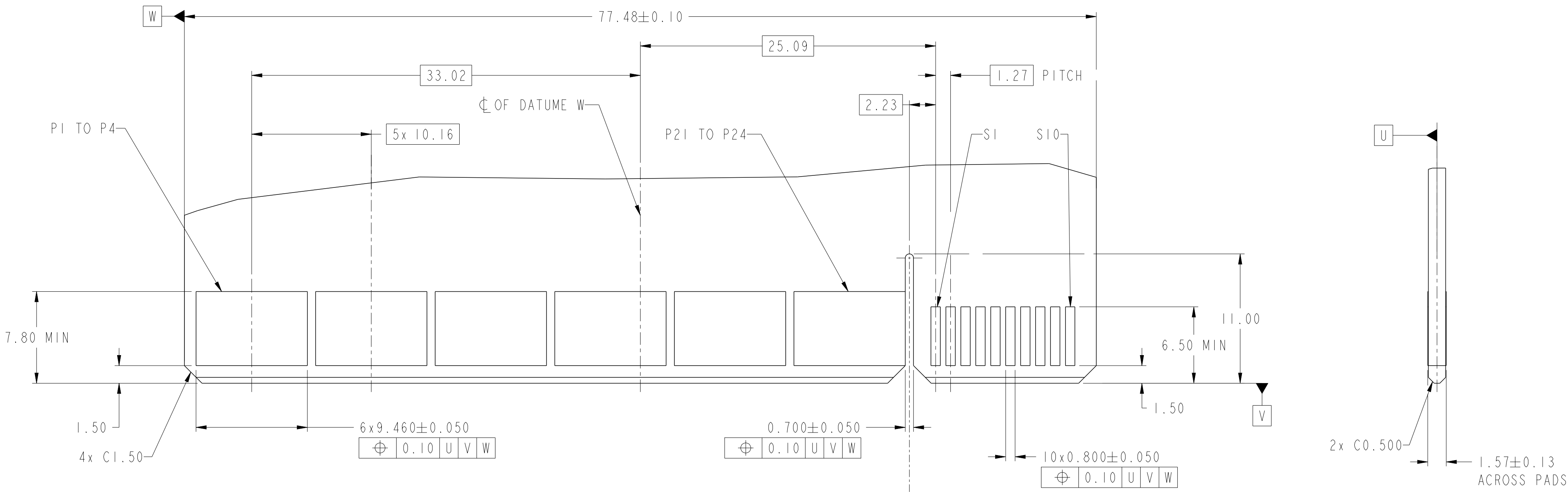
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		Feng Zheng	2017/03/03					ecn no	-	rel level	Released
ISO 406			chr		Terris Liu	2017/03/03	product family	dwg no	10142587	rev	A			
ISO 1101			appr		Pei-Ming Zheng	2017/03/03								
surface	linear	0.X	±0.5	Amphenol FCi	title	HPCE VERT RECEPT			cat. no.	Product - Customer Drw	sheet 1 of 4			
		0.XX	±0.25											
		0.XXX	±0.10											
ISO 1302	angular	0°	±2°											

1		2		3		4		5		6		7		8	
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 HOST BOARD LAYOUT
DIMENSION TOERANCE IS $\pm 0.05\text{MM}$

spec ref				-		dr	Feng Zheng	2017/02/09			mm	size	A2	scale	1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Feng Zheng	2017/03/03				ecn no	-		
ISO 406						chr	Terris Liu	2017/03/03				rel level	Released		
ISO 1101						appr	Pei-Ming Zheng	2017/03/03						product family	
surface			linear	0.X	±0.5	Amphenol FCi	title	HPCE VERT RECEPT 12HP20S			dwg no	10142587		rev	A
				0.XX	±0.25										
				0.XXX	±0.10										
ISO 1302		angular	0°	±2°	cat. no.										

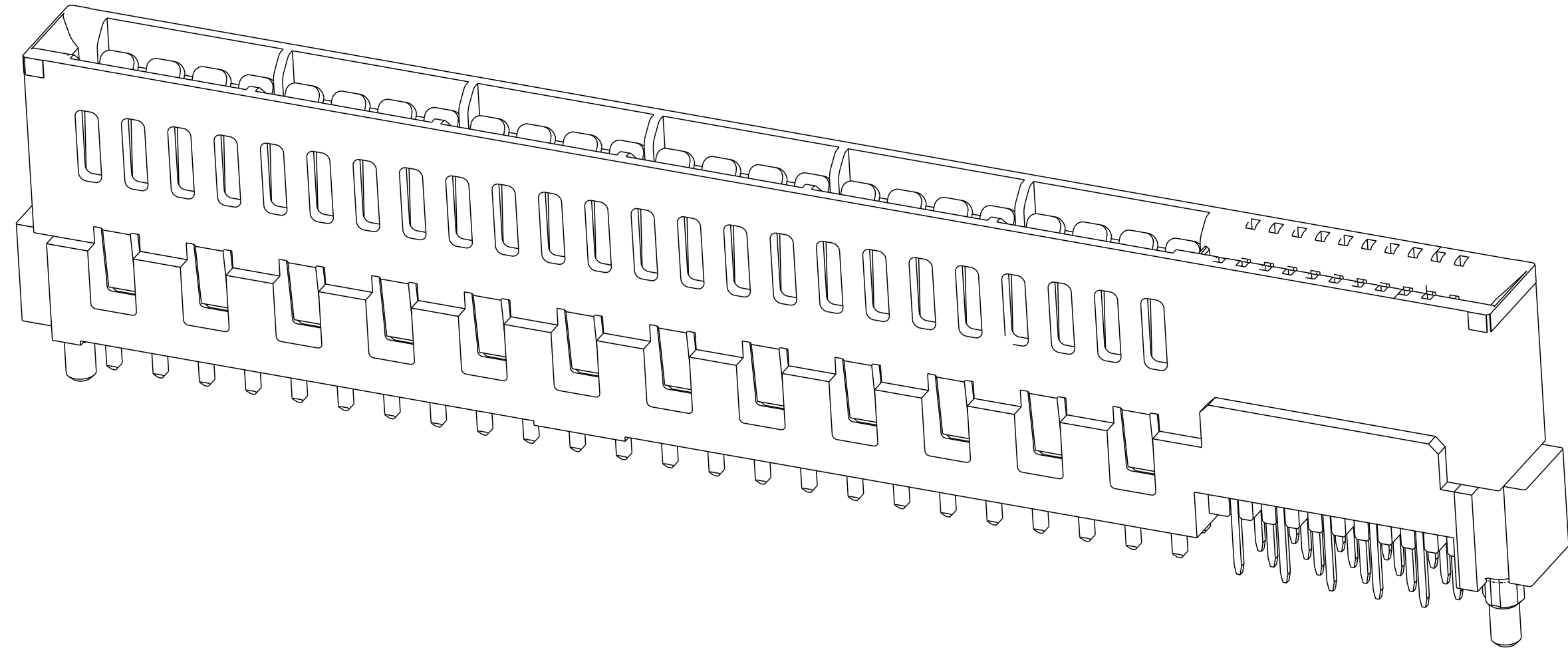


RECOMMENDED MATING BOARD
DIMENSION TOERANCE IS $\pm 0.05\text{MM}$

spec ref -				dr Feng Zheng 2017/02/09		projection	mm	size A2	scale 1:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Feng Zheng 2017/03/03				ecn no -	rel level Released
ISO 406 ISO 1101				chr Terris Liu 2017/03/03					
		appr Pei-Ming Zheng 2017/03/03		product family					
surface	linear	0.X	±0.5	Amphenol FCi	title HPCE VERT RECEPT		dwg no 10142587	rev A	
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°		cat. no.				Product - Customer Drw

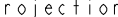
TABLE 2 HPCE PART NUMBER

PART NUMBER	TAIL TYPE	POLARIZATION KEY	TAIL LENGTH	DIM D RECOMMENDED BOARD THICKNESS
10142587-001LF	SOLDER	YES	2.40±0.25	1.57±0.13



NOTES:

1. PRODUCT MARK:
PART NUMBER AND DATE CODE TO BE MARKED ON THIS SURFACE .
THE MARK CAN BE OMITTED IF THERE IS NOT ENOUGH SPACE ON THIS SURFACE.
2. MATERIALS:
HOUSING : HIGH TEMPERATURE THERMOPLASTIC WITH GLASS FIBER, UL94V-0, BLACK.
CONTACT : HIGH CONDUCTIVITY COPPER ALLOY.
3. CONTACT FINISH REF: GS-12-604 SECTION 5.2.
4. DENOTES CONNECTOR KEEP OUT ZONE.
5. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZES.
6. MOUNTING HOLES ARE UNPLATED
 $\varnothing$ 2.18 +/- 0.03 FOR WAVE SOLDER PROCESS
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 245°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION.
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
9. PRODUCT SPECIFICATION : GS-12-604.
APPLICATION SPECIFICATION : GS-20-128.
PACKAGING SPECIFICATION: GS-14-937.

spec ref		-		dr		Feng Zheng		2017/02/09		projection		size		scale							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Feng Zheng		2017/03/03				mm				A2		1:1			
ISO 406				chr		Terris Liu		2017/03/03								ecn no		-			
ISO 1101				appr		Pei-Ming Zheng		2017/03/03		product family		rel level		Released							
surface		linear		Amphenol FCI		Title		HPCE VERT RECEPT		dwg no		10142587		rev		A					
																		0.X		±0.5	
																		0.XX		±0.25	
ISO 1302		angular		0°		±2°		cat. no.		Product -		Customer Drw		sheet 4 of 4							
																0.XXX		±0.10			