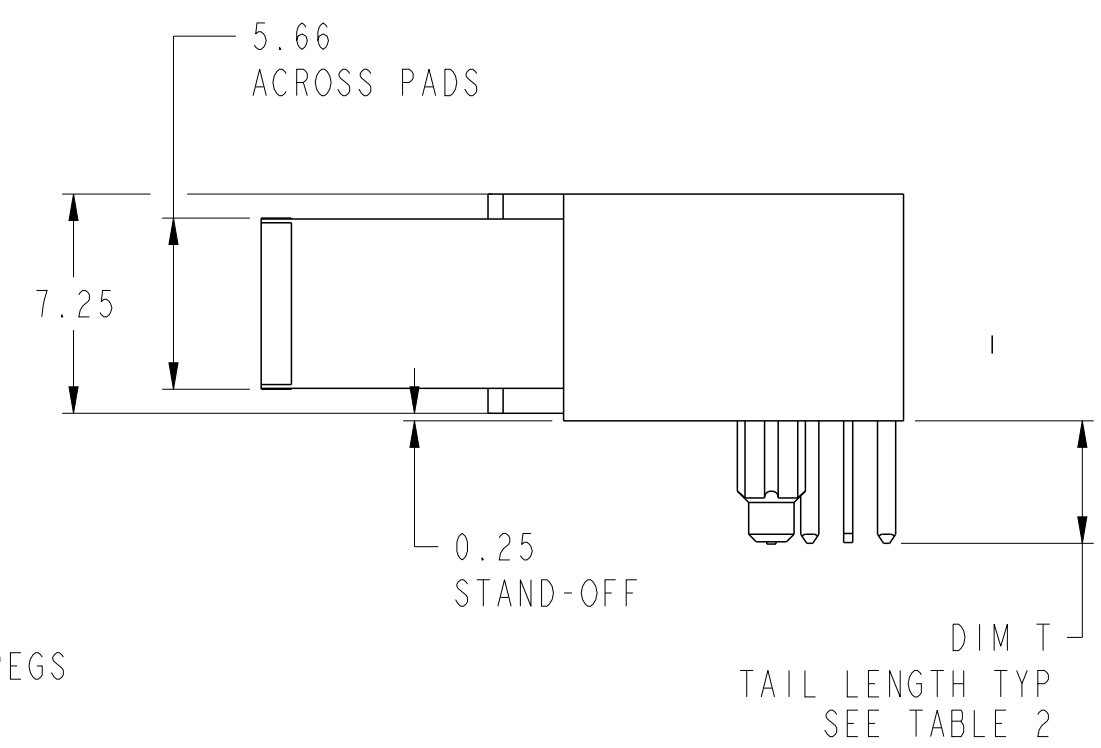
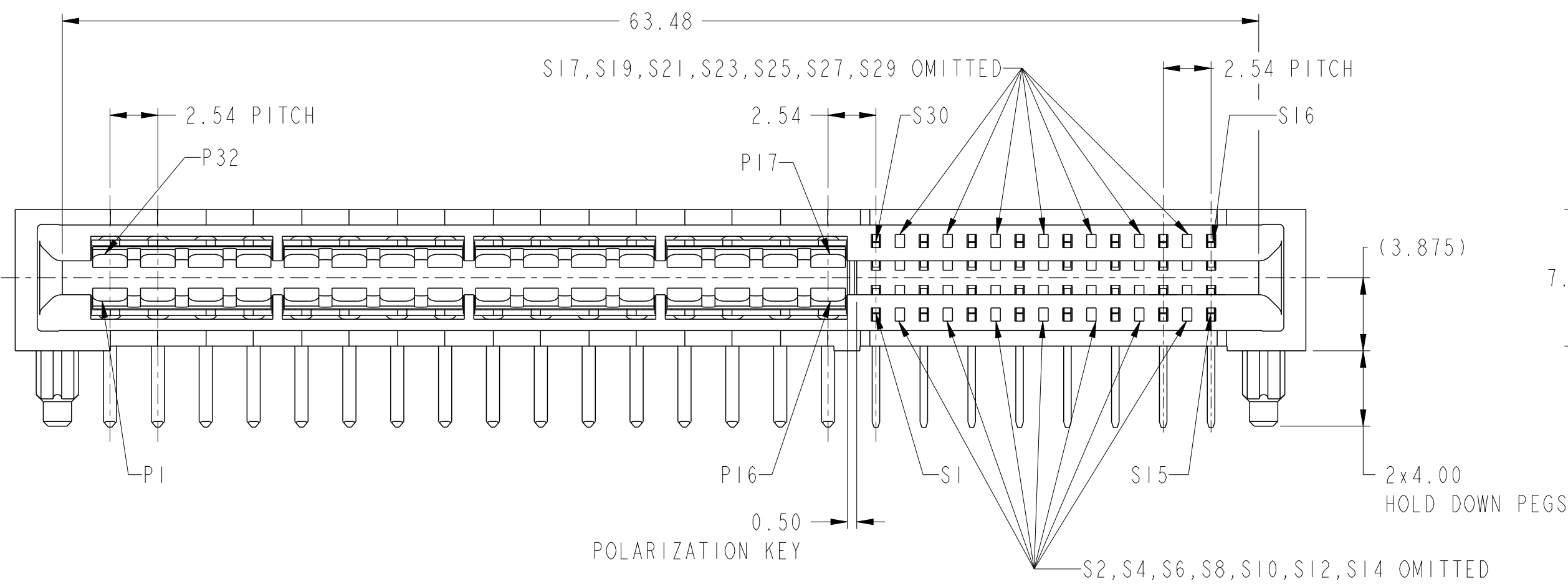
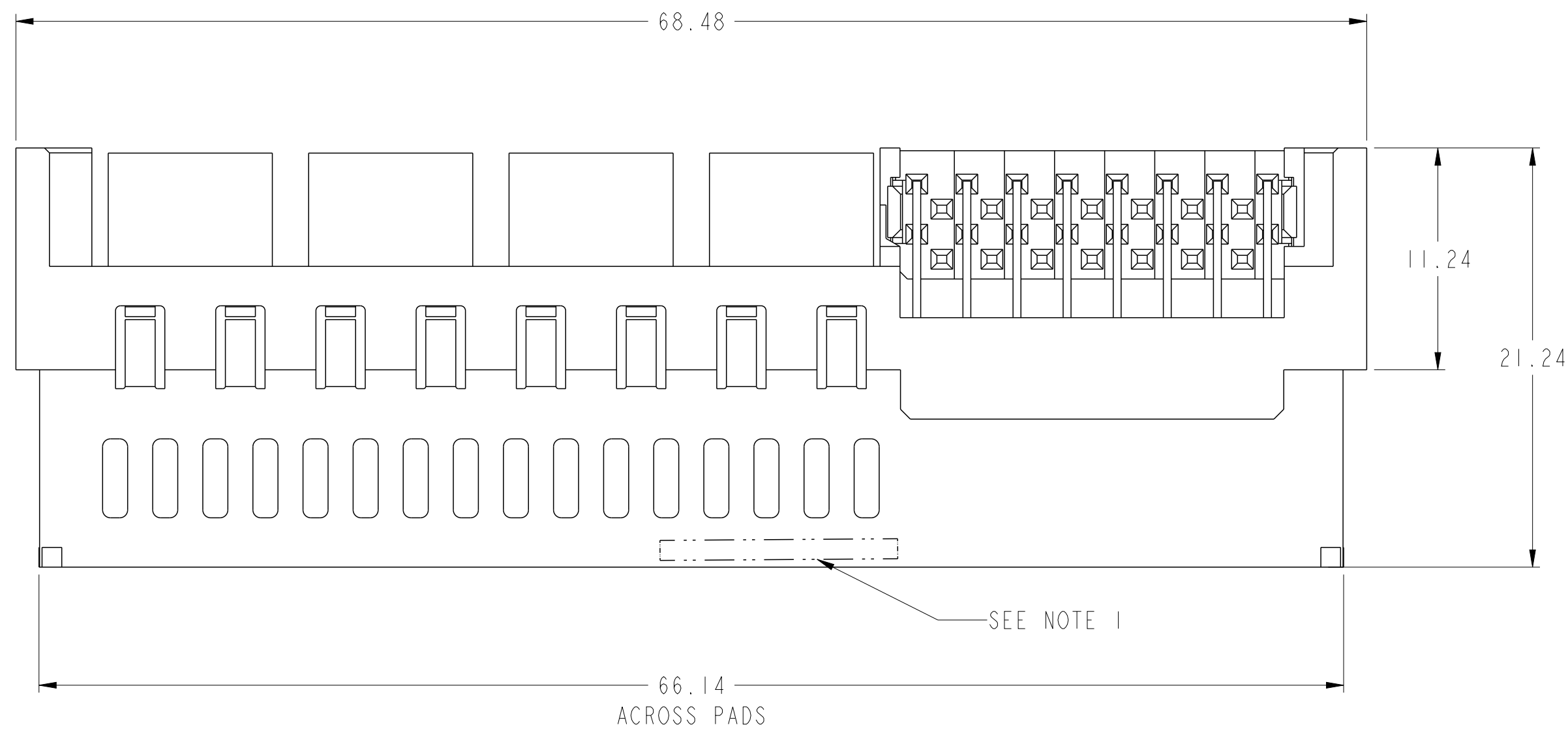


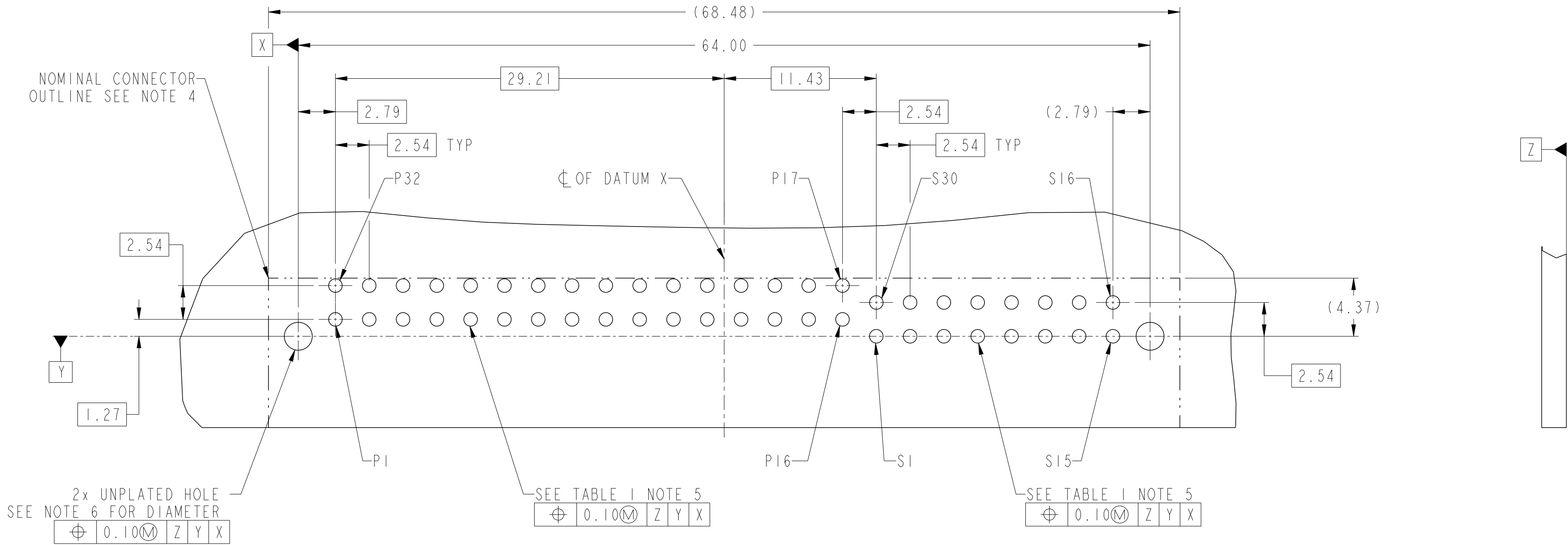
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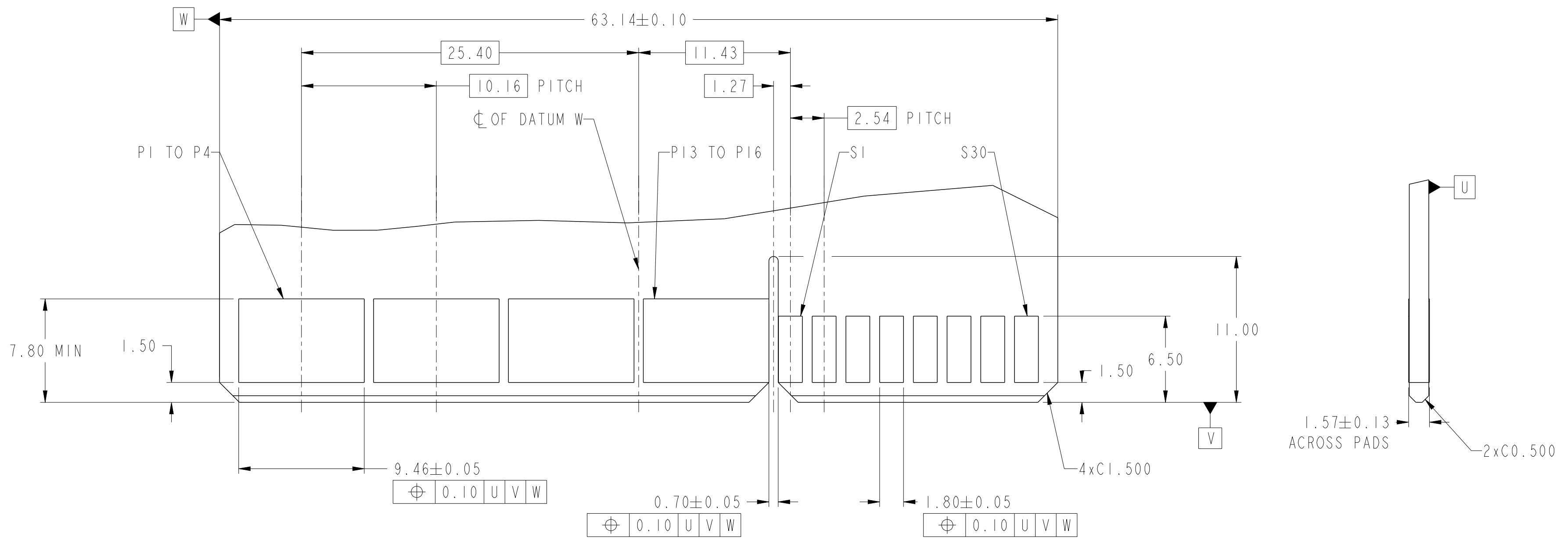
spec ref		-		dr		Feng Zheng		2017/08/22		projection		mm		size		A2		scale		1:1	
tolerance std		ISO 406 ISO 1101		eng		Leborn Luo		2017/10/12		chr		Kaka Zhang		2017/10/12		ecn no		-			
surface		ISO 1302		appr		Pei-Ming Zheng		2017/10/12		product family		-		rel level		Released					
linear		0.X 0.XX 0.XXX		±0.5 ±0.25 ±0.10		Amphenol FCI		title		HPCE R/A REC 8HP30S(14S omitted) special		cat. no.		-		Product - Customer Drw		sheet 1 of 4		rev	
angular		0° ±2°																		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	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10



RECOMMENDED PCB LAYOUT
DIMENSION TOLERANCE IS ±0.05MM

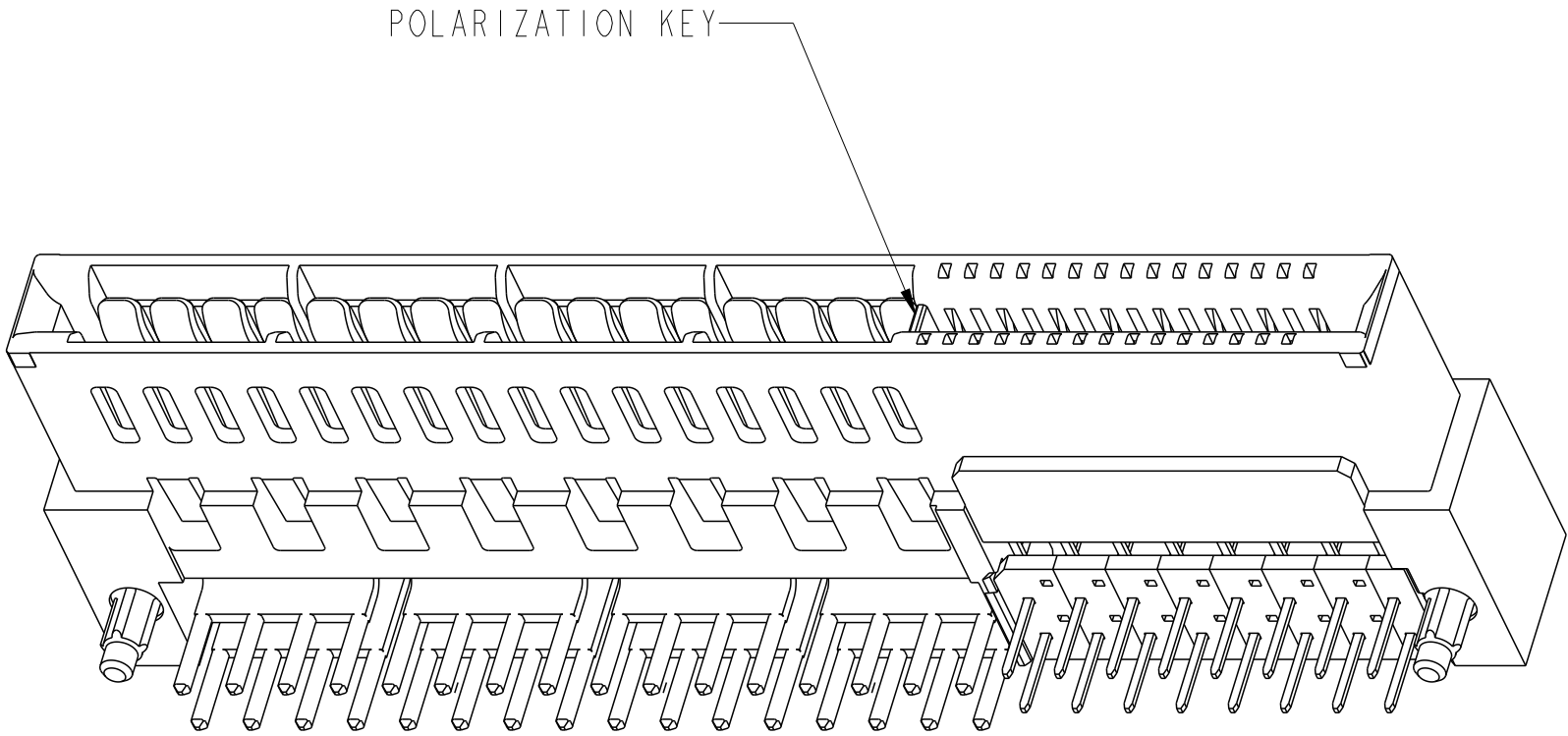
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tolerance std		eng Leborn Luo		2017/10/12						ecn no -		rel level Released	
ISO 406 ISO 1101		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr Kaka Zhang									
		appr Pei-Ming Zheng		2017/10/12		product family		-					
surface -		linear		0.X ±0.5		Amphenol FCi		title HPCE R/A REC 8HP30S(14S omitted) special		dwg no 10145224		rev A	
		0.XX ±0.25											
		0.XXX ±0.10											
ISO 1302		angular 0° ±2°		cat. no. -		Product - Customer Drw		sheet 2 of 4					



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

spec ref	-	dr	Feng Zheng	2017/08/22	projection	mm	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Leborn Luo	2017/10/12	chr	Kaka Zhang	2017/10/12	ecn no	-	
surface	ISO 1302	appr	Pei-Ming Zheng	2017/10/12	product family	-	rel level	Released		
linear	0.X ± 0.5 0.XX ± 0.25 0.XXX ± 0.10	Amphenol FCi	title	HPCE R/A REC 8HP30S(14S omitted) special	cat. no.	-	Product - Customer Drw	sheet 3 of 4	rev	A

HPCE PART NUMBER (TABLE 2)			
PART NUMBER	TAIL TYPE	POLARIZATION KEY	DIM T TYPICAL TAIL LENGTH
10145224-001LF	SOLDER	YES	4.05 ±0.25
10145224-002LF		NO	
10145224-003LF		YES	4.85±0.25
10145224-004LF		NO	



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 : 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
Ø2.18 +/- 0.03 FOR SOLDER TAILS
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		2017/08/22		projection		mm		size A2		scale 1:1		
tolerance std				eng Leborn Luo		2017/10/12						ecn no -		rel level Released		
ISO 406				chr Kaka Zhang		2017/10/12										
ISO 1101				appr Pei-Ming Zheng		2017/10/12										
								product family		-						
surface		linear	0.X	±0.5	Amphenol FCI	title	HPCE R/A REC 8HP30S(14S omitted) special					dwg no	10145224		rev	
ISO 1302			0.XX	±0.25												
			0.XXX	±0.10												
		angular	0°	±2°			cat. no.		-		Product - Customer Drw				sheet 4 of 4	

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