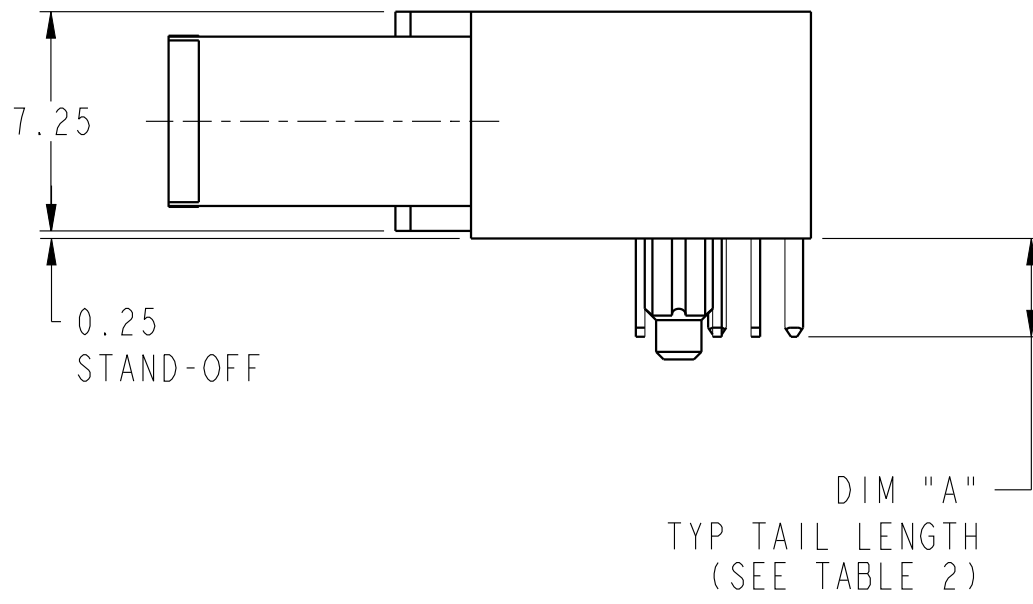
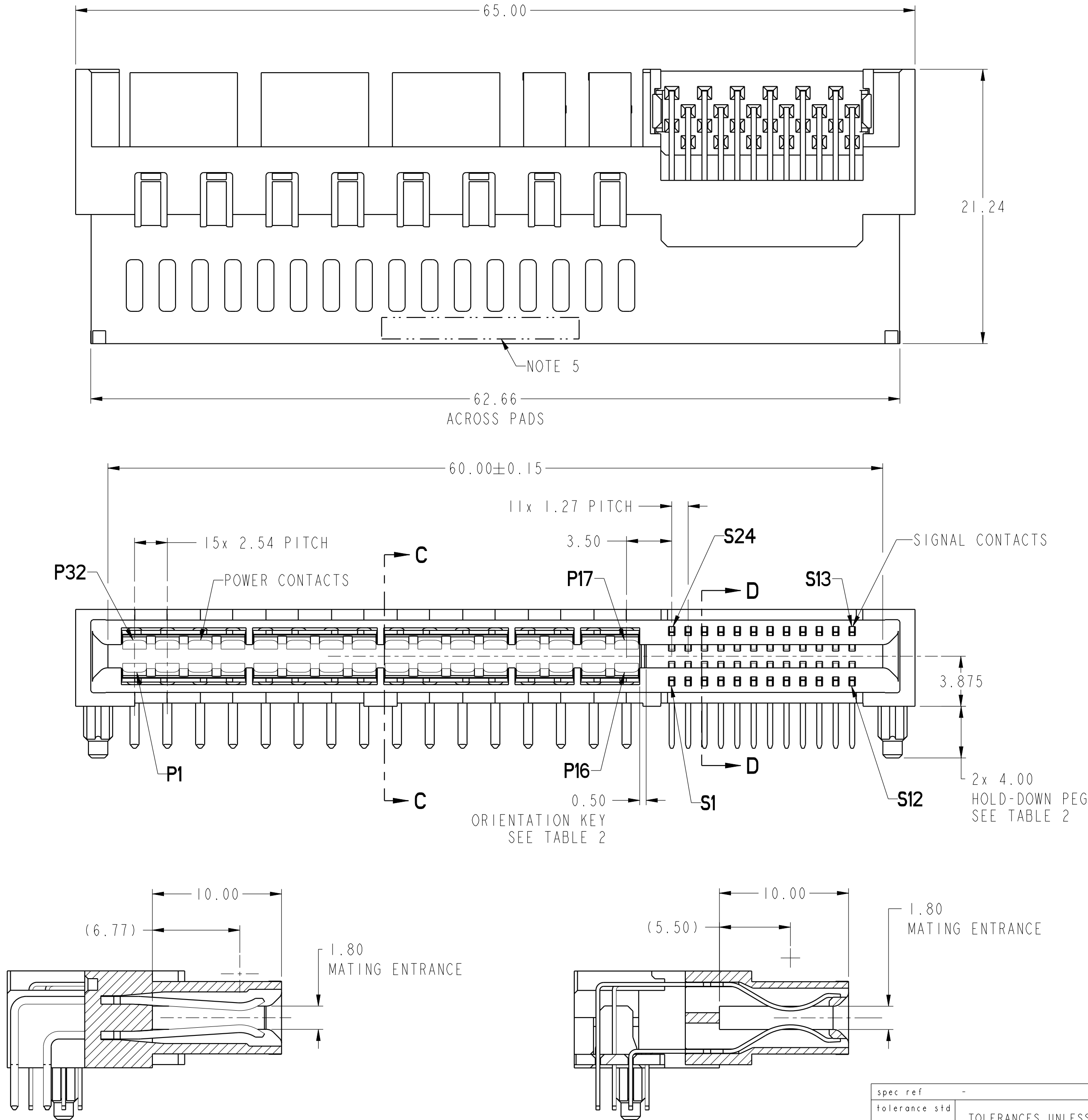
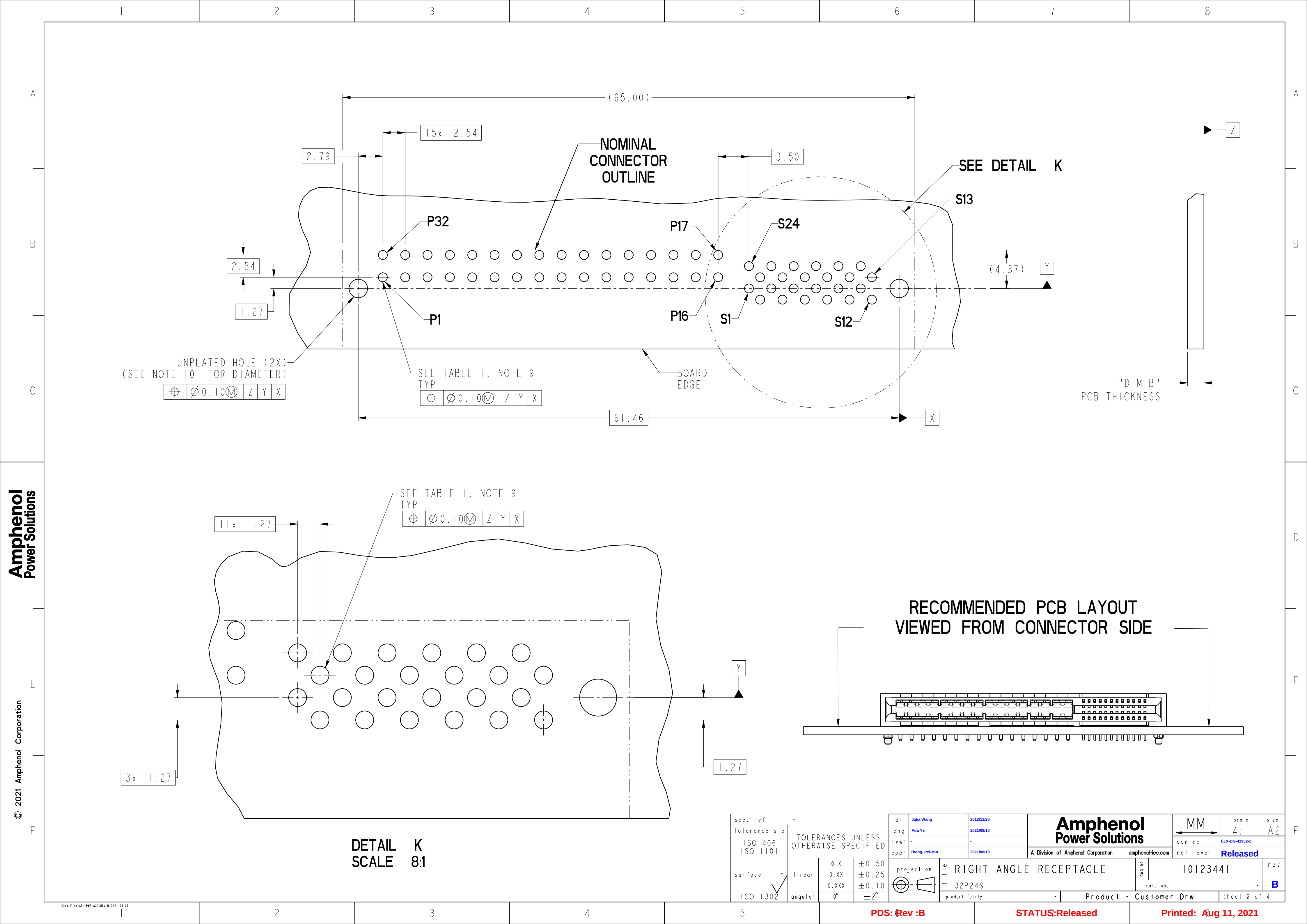




SECTION C-C

SECTION D-D

spec ref		-		dr		Julia Wang		2012/11/20		Amphenol Power Solutions		MM		scale		size	
tolerance std		ISO 406 ISO 1101		eng		Ada Ye		2021/08/10				4:1		A2			
TOLERANCES UNLESS OTHERWISE SPECIFIED		f vwr		-		-		-		ec n no		ELX-DG-41952-1		rel level		Released	
		appr		Zheng, Pei-Min		2021/08/10		A Division of Amphenol Corporation		amphenol-hcc.com							
surface		linear		0.X		±0.50		projection		title		diag no		10123441		rev	
ISO 1302		0.XX		±0.25		0.XXX		±0.10				cat. no.		-		B	
angular		0°		±2°				32P24S		product family		HPCE		Product - Customer Drw		sheet 1 of 4	

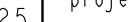


Amphenol
Power Solutions

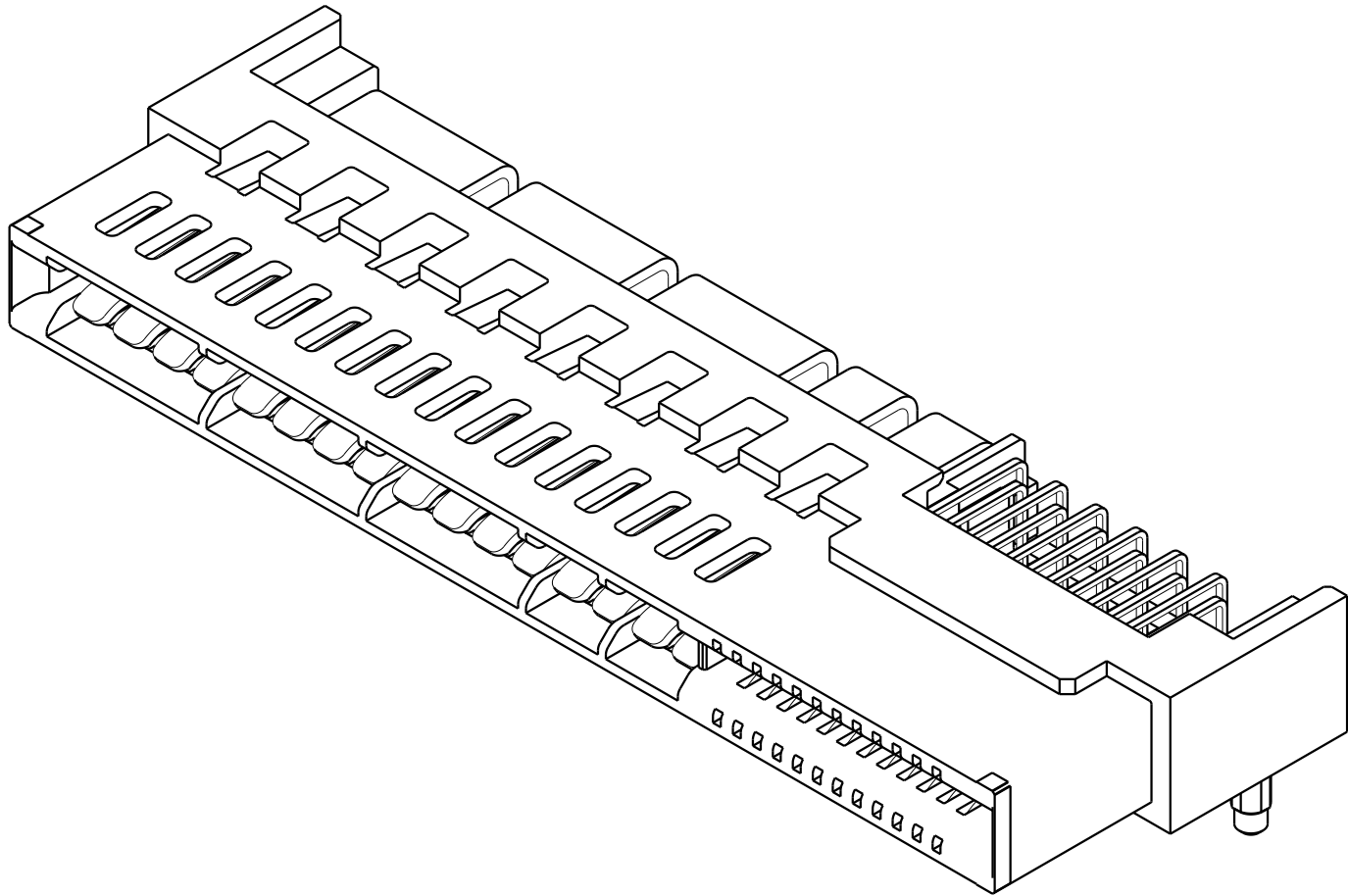
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DETAIL K
SCALE 8:1

RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE

spec ref -			dr Julia Wang		2012/11/20		Amphenol Power Solutions		MM		scale 4:1		size A2					
tolerance std ISO 406 ISO 1101			eng Ada Ye		2021/08/10				ec n no ELX-DG-41952-1									
TOLERANCES UNLESS OTHERWISE SPECIFIED			r vwr -		-				A Division of Amphenol Corporation amphenol-hcc.com									
			appr Zheng, Pei-Min		2021/08/10										rel level Released			
surface linear ISO 1302			projection 		title RIGHT ANGLE RECEPTACLE				drg no 10123441		rev B		cat. no. -					
															32P24S			
					angular 0° ±2°		product family -				Product - Customer Drw				sheet 2 of 4			

HPCE PART NUMBER (TABLE 2)					
PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED PCB THICKNESS
10123441-001LF	SOLDER TAIL	NO	YES	2.80±0.25	1.57 MIN.
10123441-002LF			NO		
10123441-003LF		YES	YES		
10123441-004LF			NO		
10123441-005LF		YES	NO	3.25±0.30	2.36



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

spec ref -				dr Julia Wang		2012/11/20		Amphenol Power Solutions			MM		scale 4:1		size A2	
tolerance std				eng Ada Ye		2021/08/10					ec n no ELX-DG-41952-1					
ISO 406 ISO 1101				f vwr -		2021/08/10					rel level Released					
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Zheng, Pei-Min		2021/08/10		A Division of Amphenol Corporation		amphenol-hcc.com						
				projection		title RIGHT ANGLE RECEPTACLE 32P24S		dig no 10123441		rev B						
surface ISO 1302		linear		0.X ±0.50		0.XX ±0.25		0.XXX ±0.10		cat. no. -						
		angular		0° ±2°												
				product family		HPCE		Product - Customer Drw				sheet 4 of 4				