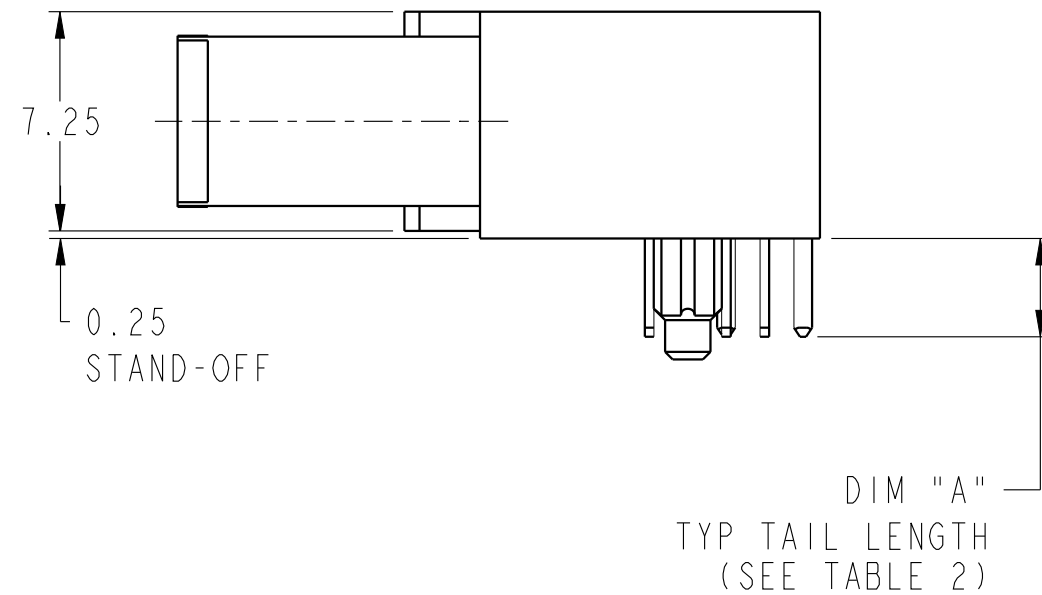
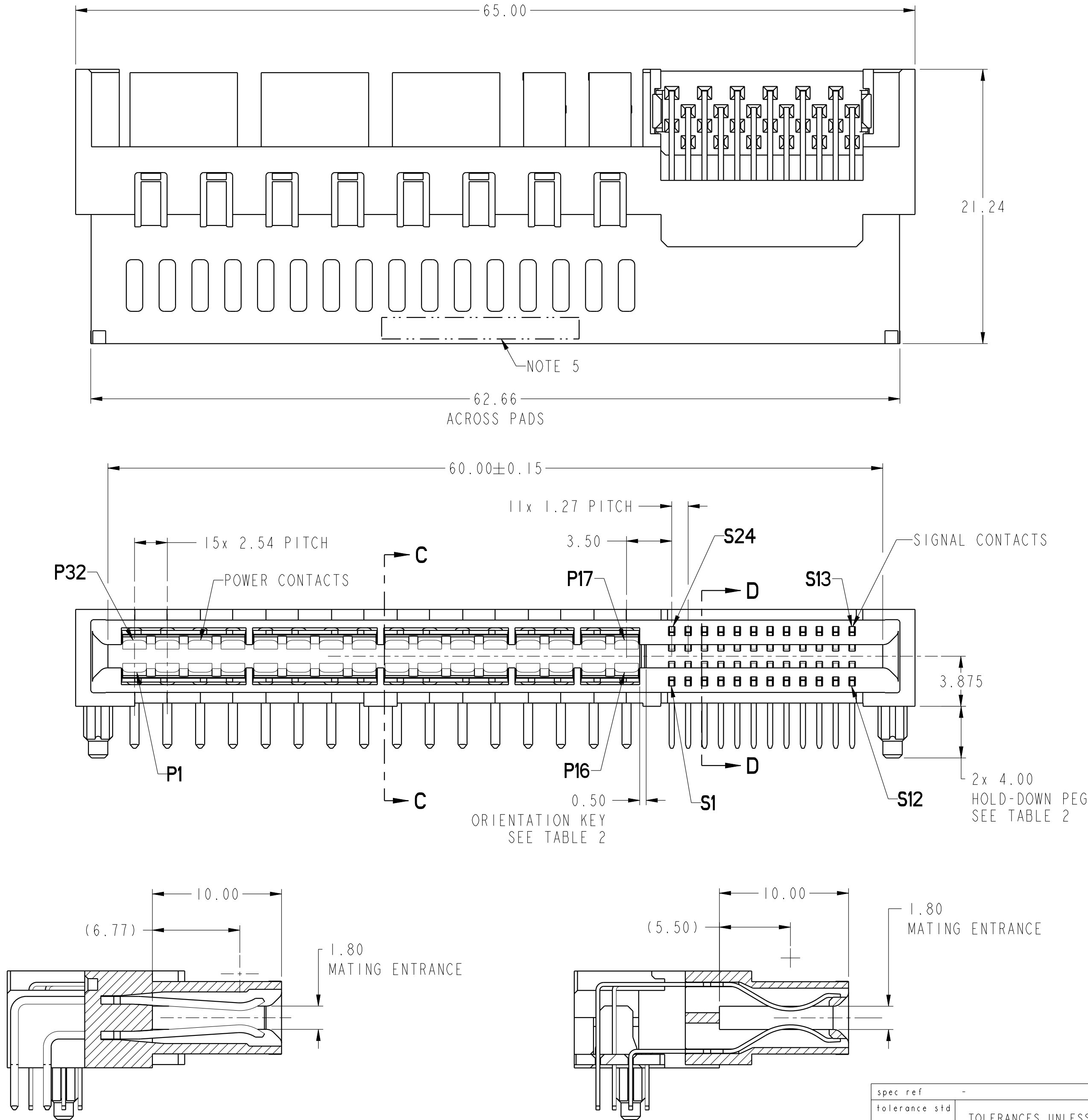
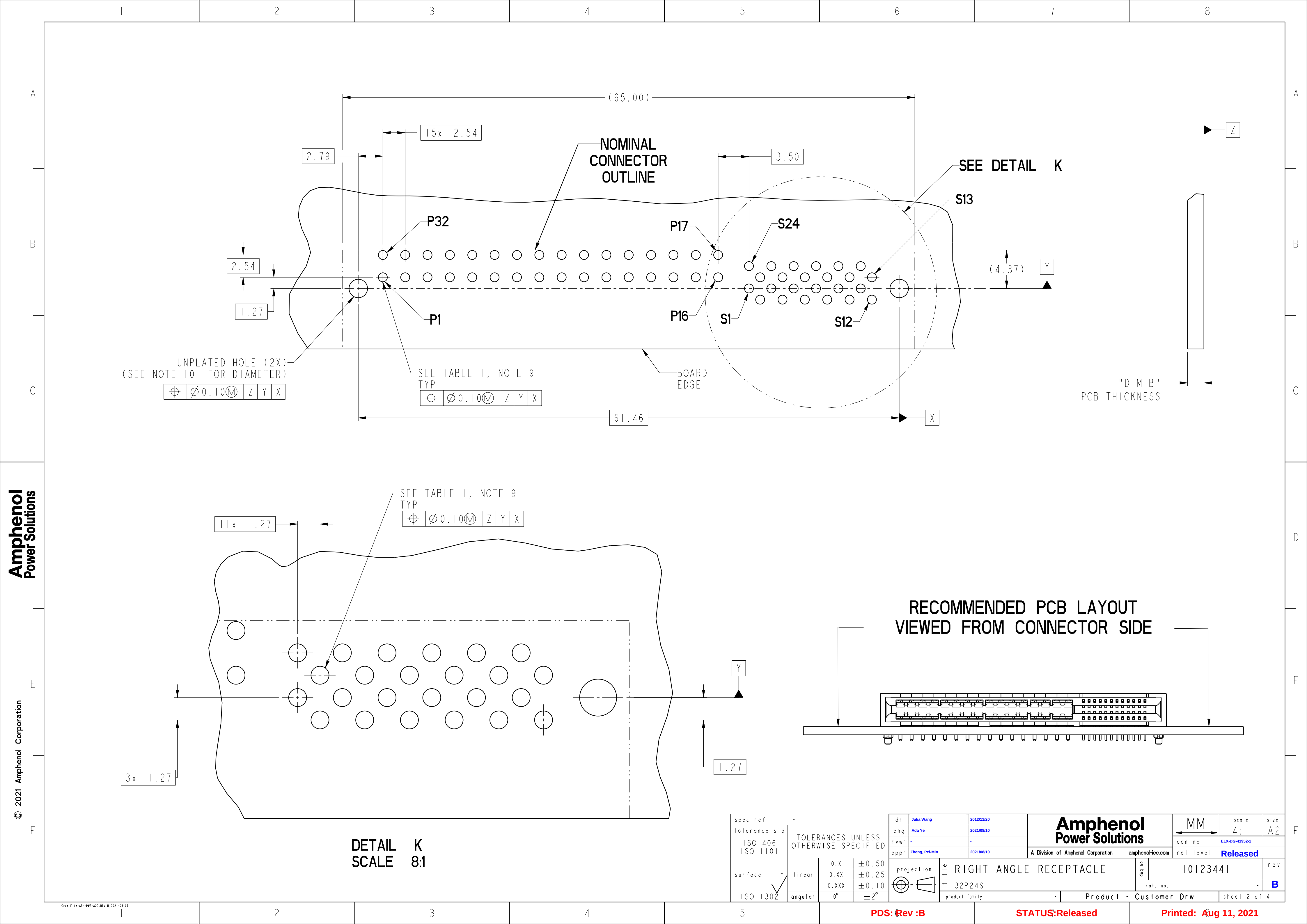




spec ref		-		dr		Julia Wang		2012/11/20		Amphenol Power Solutions				MM		scale		size			
tolerance std		ISO 406 ISO 1101		eng		Ada Ye		2021/08/10						ec n no		ELX-DG-41952-1		4:1		A2	
TOLERANCES UNLESS OTHERWISE SPECIFIED		f vwr		-		-		-						rel level		Released					
		appr		Zheng, Pei-Min		2021/08/10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

PDS: Rev :B

STATUS:Released

Printed: Aug 11, 2021

A

B

C

E

F

A

B

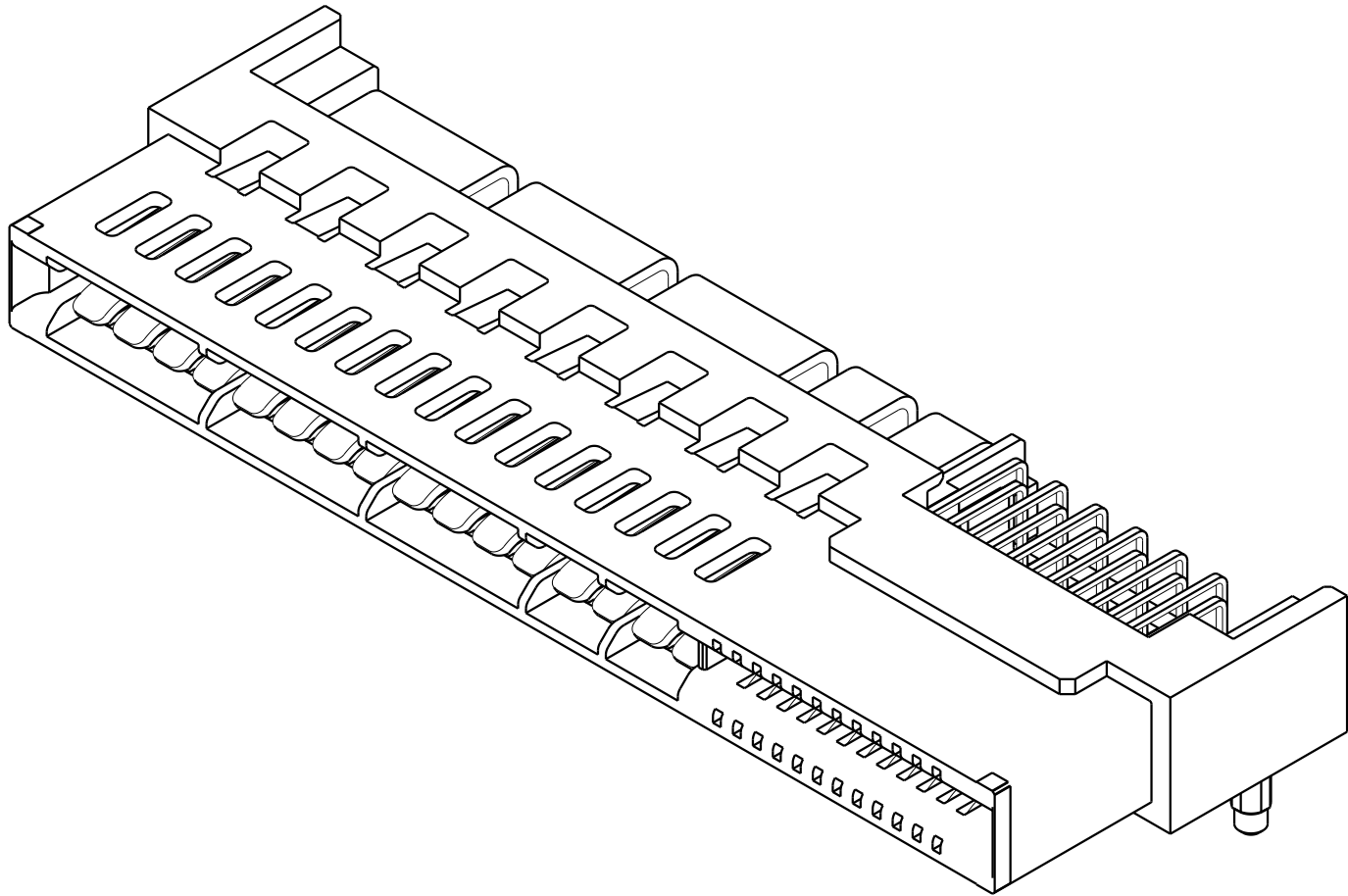
C

D

E

F

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

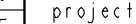


NOTES:

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				r vwr -		-					rel level Released						
				appr Zheng, Pei-Min		2021/08/10		A Division of Amphenol Corporation amphenol-icc.com									
surface ISO 1302		linear		0.X		±0.50		projection 		title RIGHT ANGLE RECEPTACLE 32P24S				dig no 10123441		rev B	
				0.XX		±0.25											
				0.XXX		±0.10											
				angular		0°		±2°		product family HPCE		Product - Customer Drw				sheet 4 of 4	