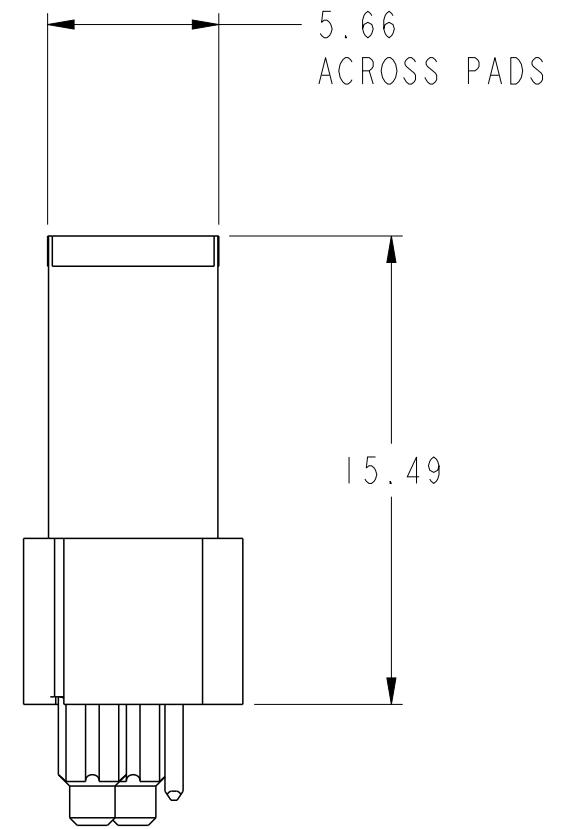
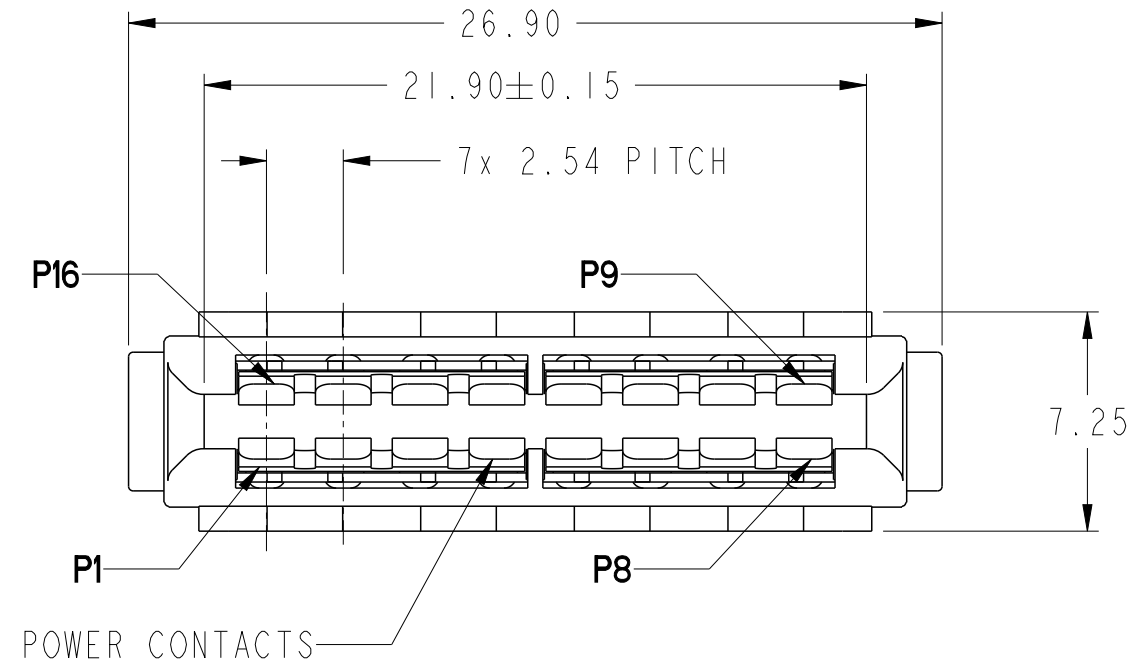
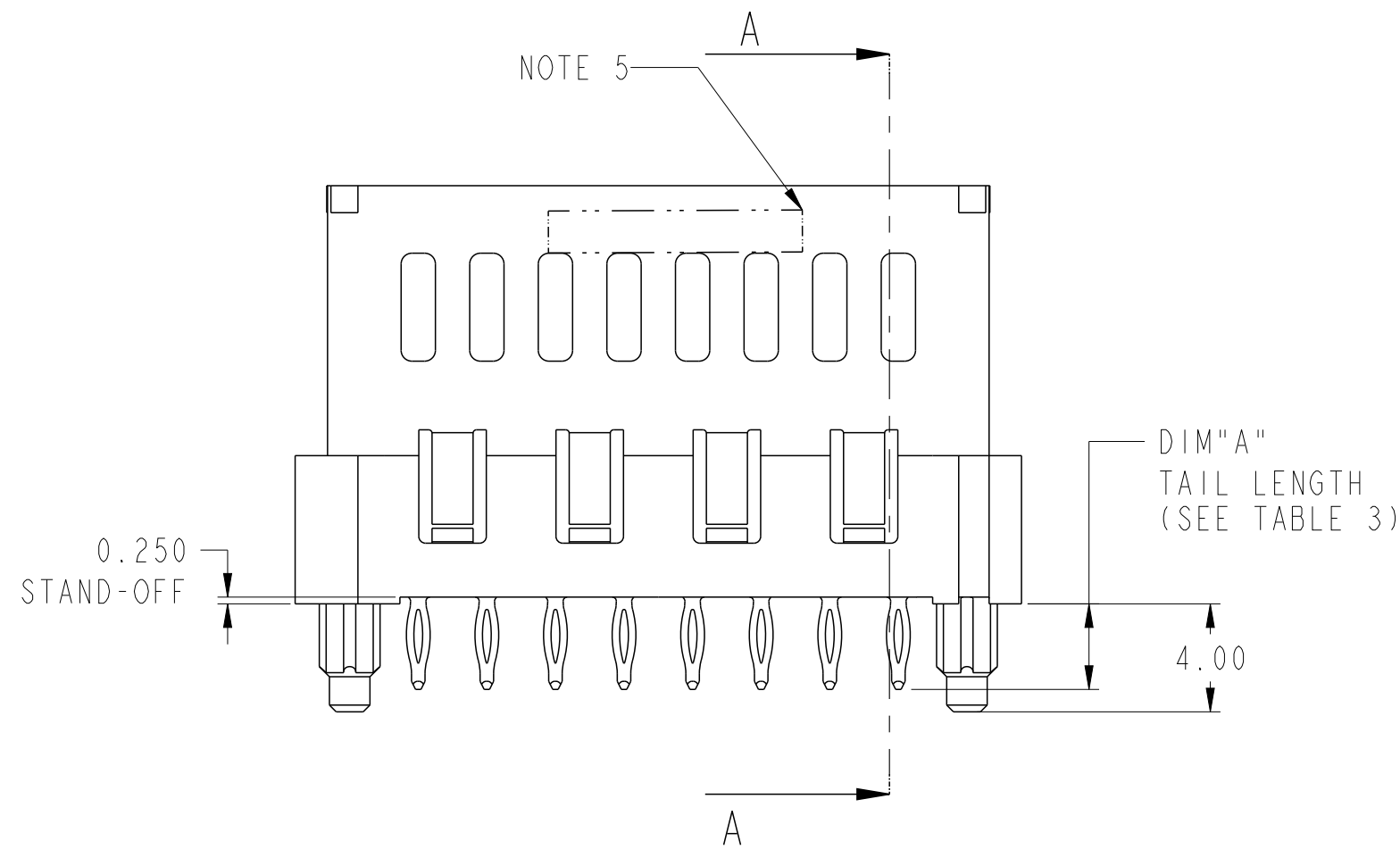
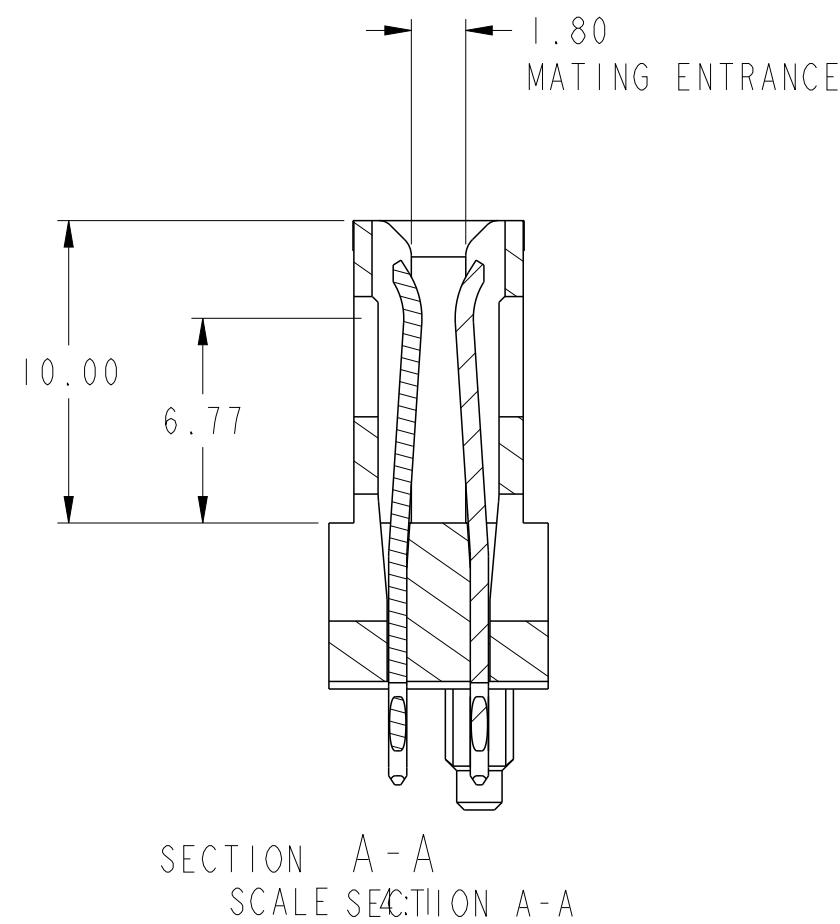




spec ref		-		dr		Eric Jiang		2013/01/14		projection				MM		size		A2		scale		1:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/05						ecn no		ELX-DG-24036-1									
ISO 406				chr		Terris Liu		2016/05/20						rel level		Released									
ISO 1101				appr		Pei-Ming Zheng		2016/05/24																	
surface		linear				title		VERT RECT I6P		cat. no.		Product - Customer Drw		sheet 1 of 4		dwg no		10124021		rev		B			
																								±0.5	
																								±0.25	
		angular																						0°	
ISO 1302																									

A

B

C

D

E

F

A

B

C

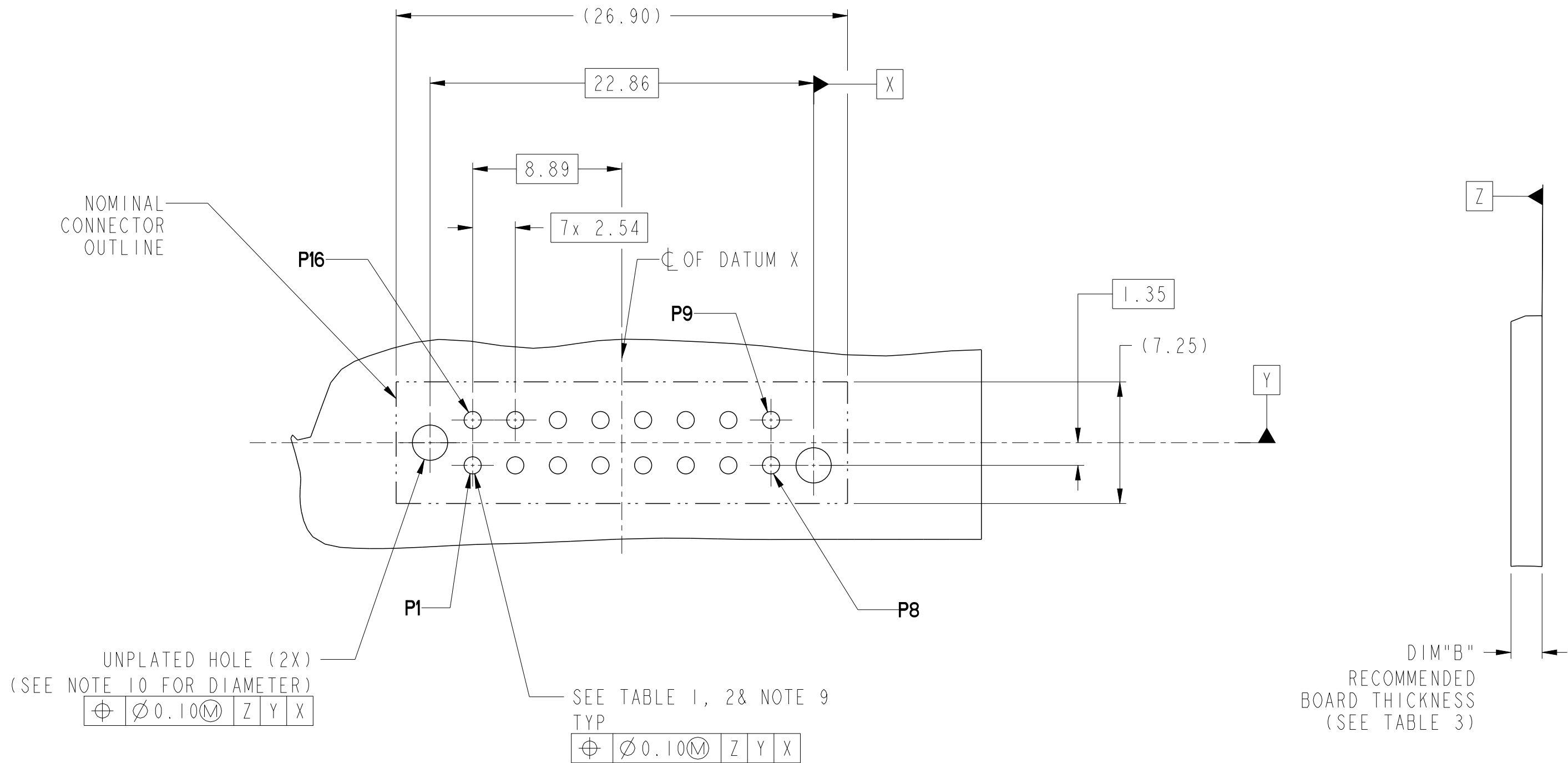
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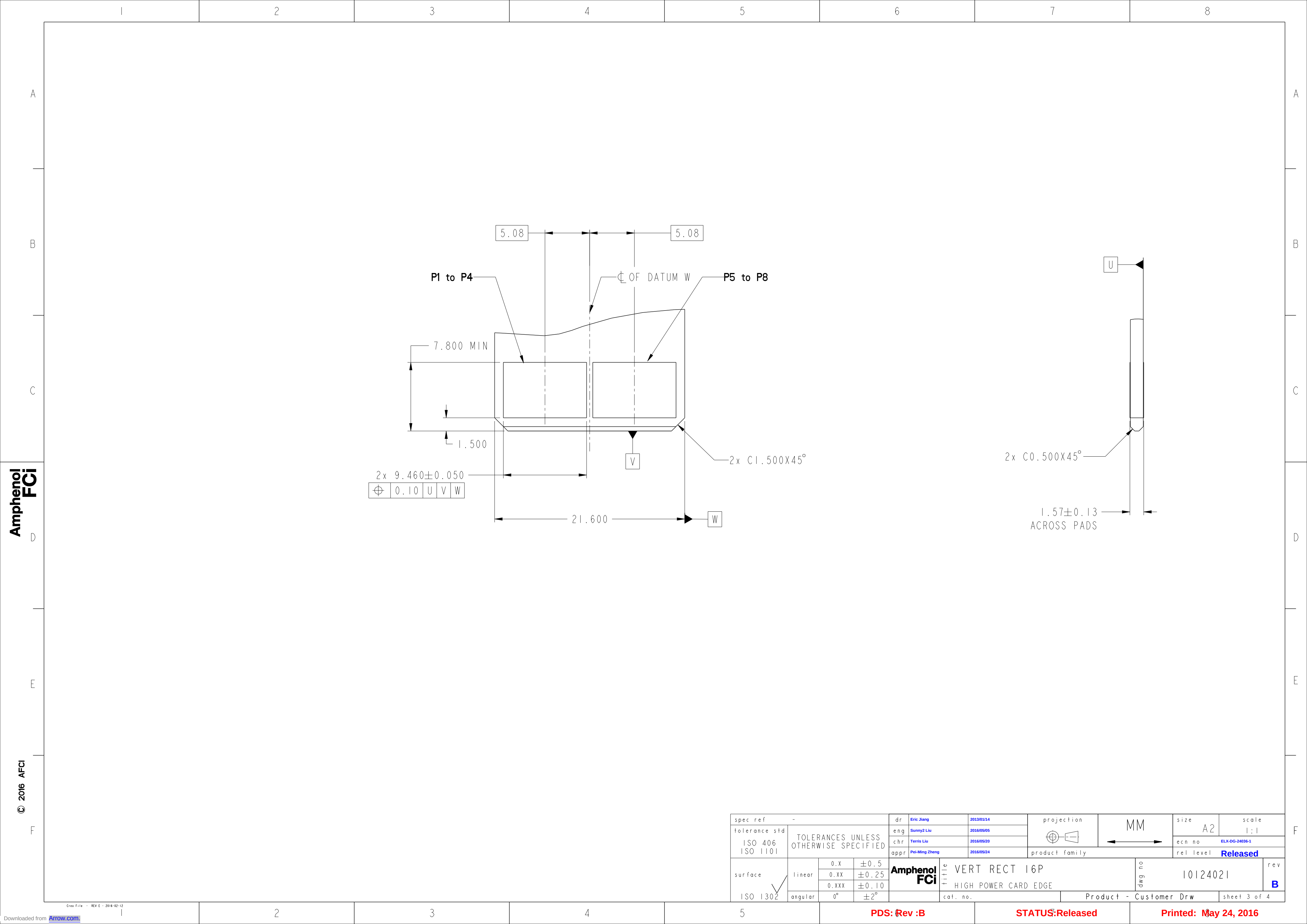
F

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

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



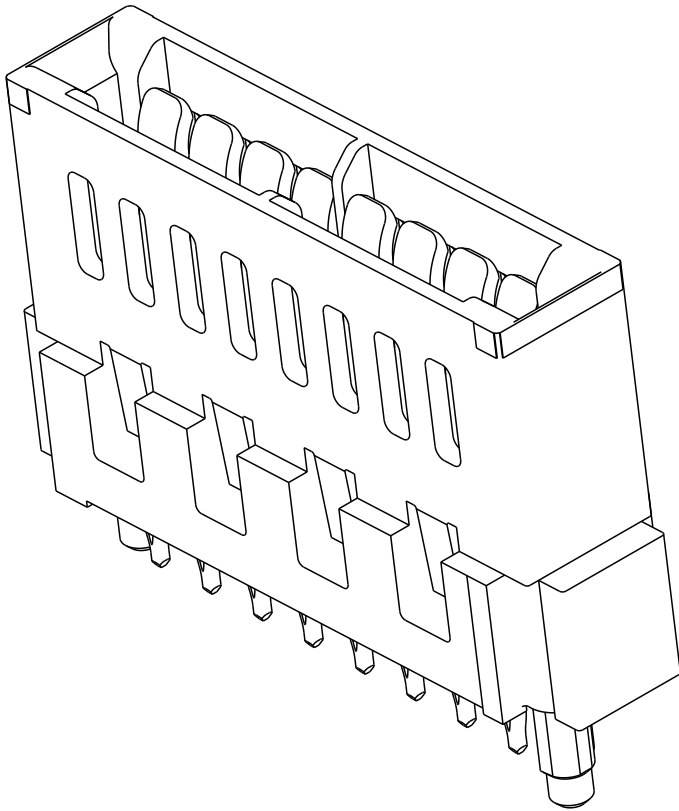
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tolerance std		ISO 406		ISO 1101		eng		Sunny2 Liu		2016/05/05				ecn no		ELX-DG-24036-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20								rel level		Released					
		appr		Pei-Ming Zheng		2016/05/24				product family											
surface		linear		0.X		±0.5		Amphenol FCI		title		VERT RECT 16P HIGH POWER CARD EDGE		dwg no		10124021		rev		B	
		0.XX		±0.25																	
		0.XXX		±0.10																	
ISO 1302		angular		0°		±2°		cat. no.				Product - Customer Drw				sheet 2 of 4					



Amphenol FCI

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HPCE PART NUMBER (TABLE 3)				
PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10124021-001LF	SOLDER	NO	3.17 ±0.25	1.59 - 2.38
10124021-002LF	PRESS-FIT	NO	3.17 ±0.25	1.57 MIN



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 ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
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 2.40 +/- 0.1 FOR PRESS-FIT TAILS
Ø 2.18 +/- 0.03 FOR SOLDER TAILS
11. PRESS FIT APPLICATION TOOL DRAWING : 10119453.
12. A SYMBOL  WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref -				dr Eric Jiang		2013/01/14		projection		MM		size A2		scale 1:1	
tolerance std ISO 406 ISO 1101				eng Sunny2 Liu		2016/05/05						ecn no ELX-DG-24036-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Terris Liu		2016/05/20						rel level Released			
				appr Pei-Ming Zheng		2016/05/24		product family							
surface ISO 1302		linear		0.X		±0.5		Amphenol FCI		title VERT RECT 16P HIGH POWER CARD EDGE		dwg no 10124021		rev B	
				0.XX		±0.25									
				0.XXX		±0.10									
				angular		0°		±2°		cat. no.		Product - Customer Drw			