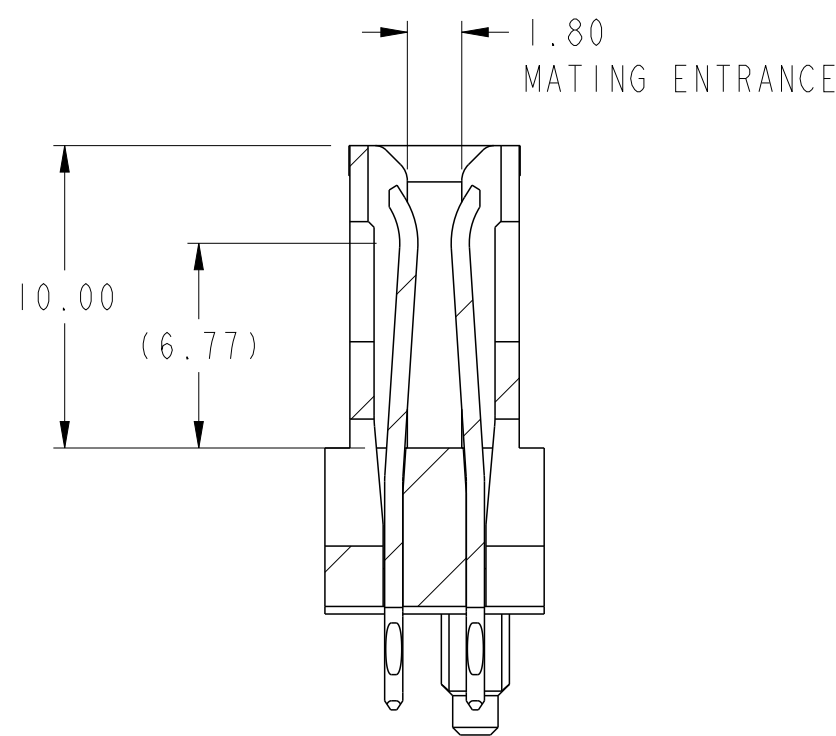
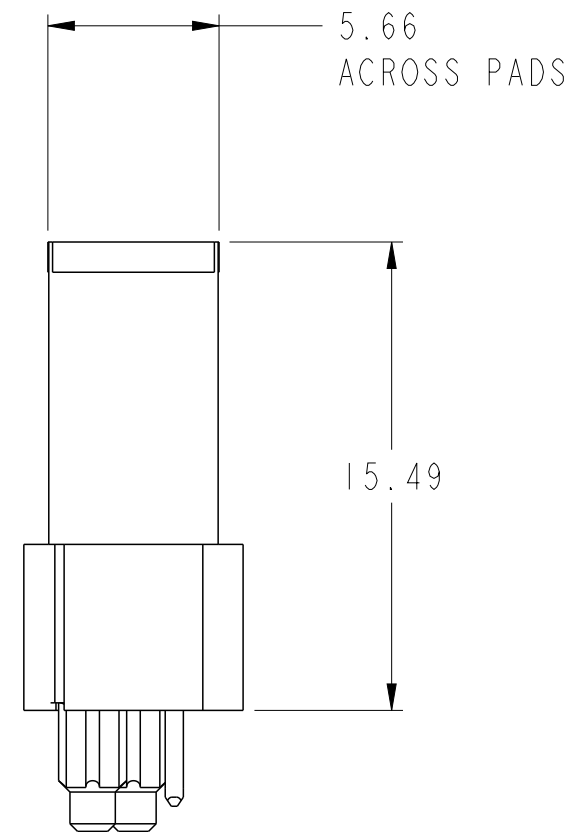
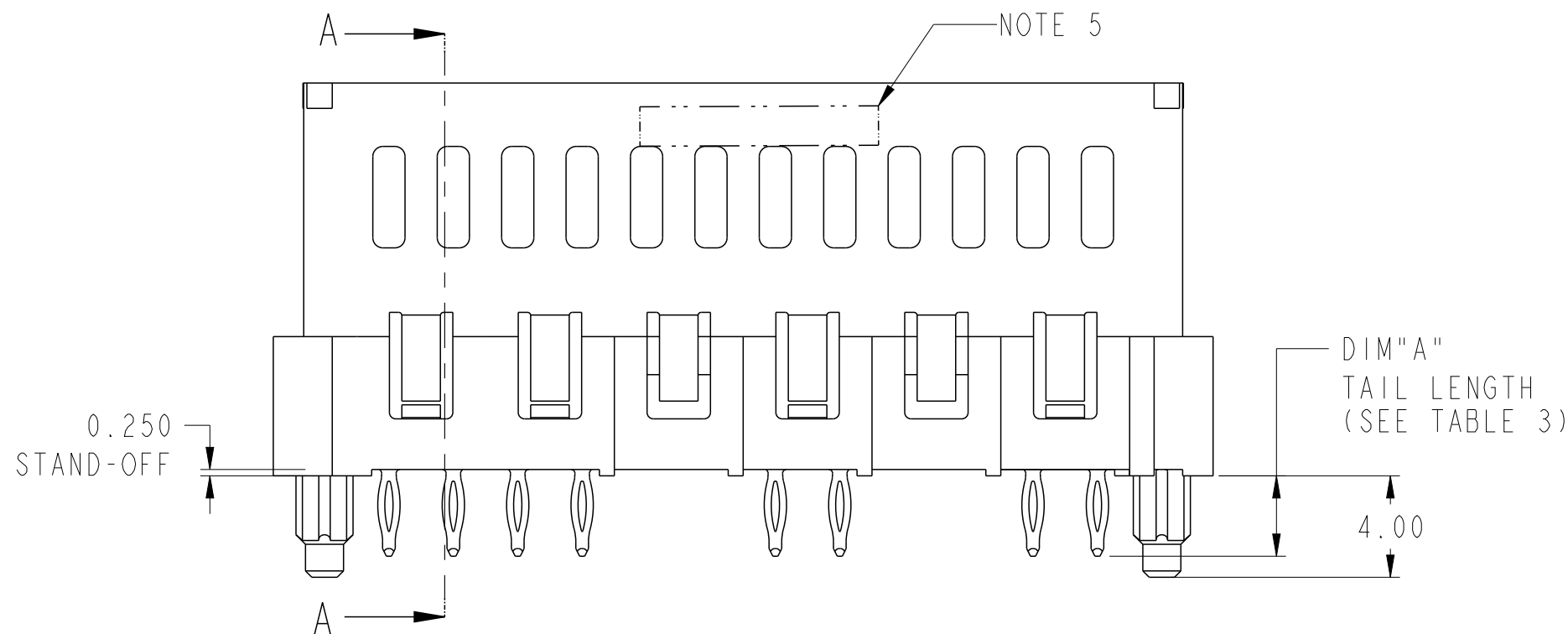
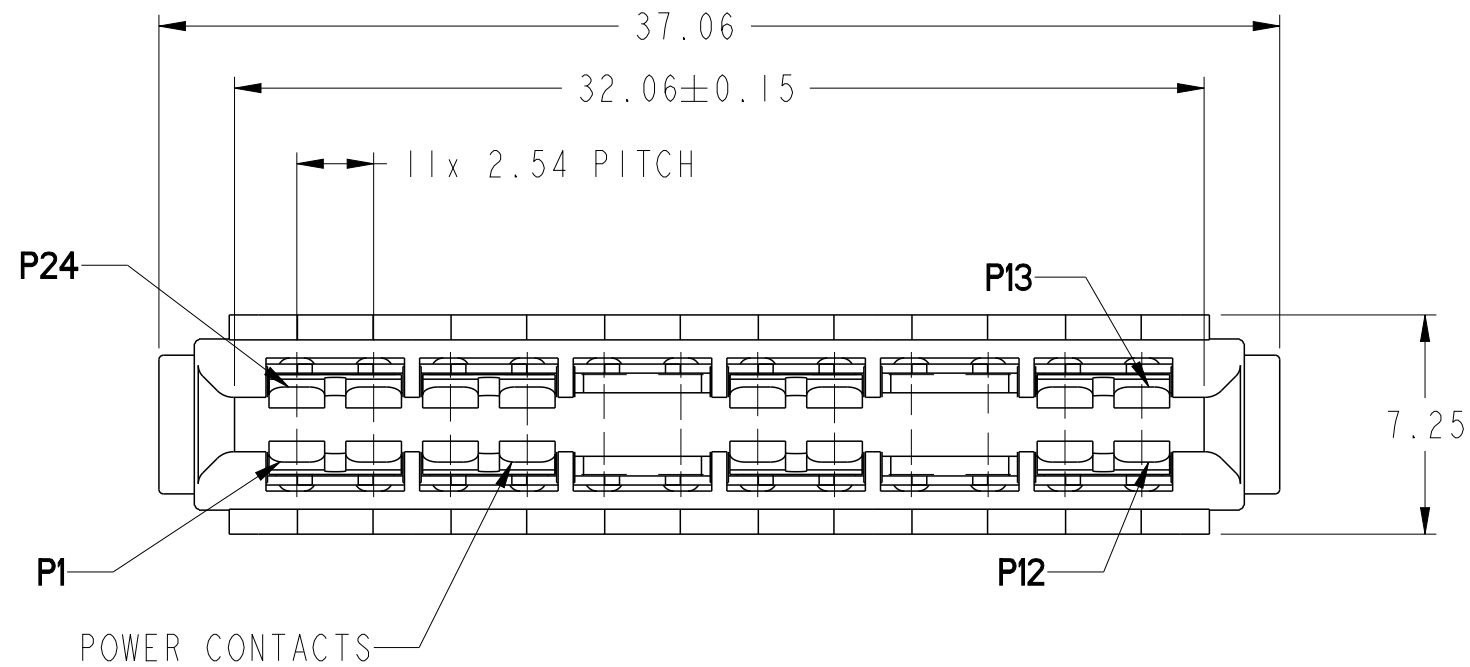


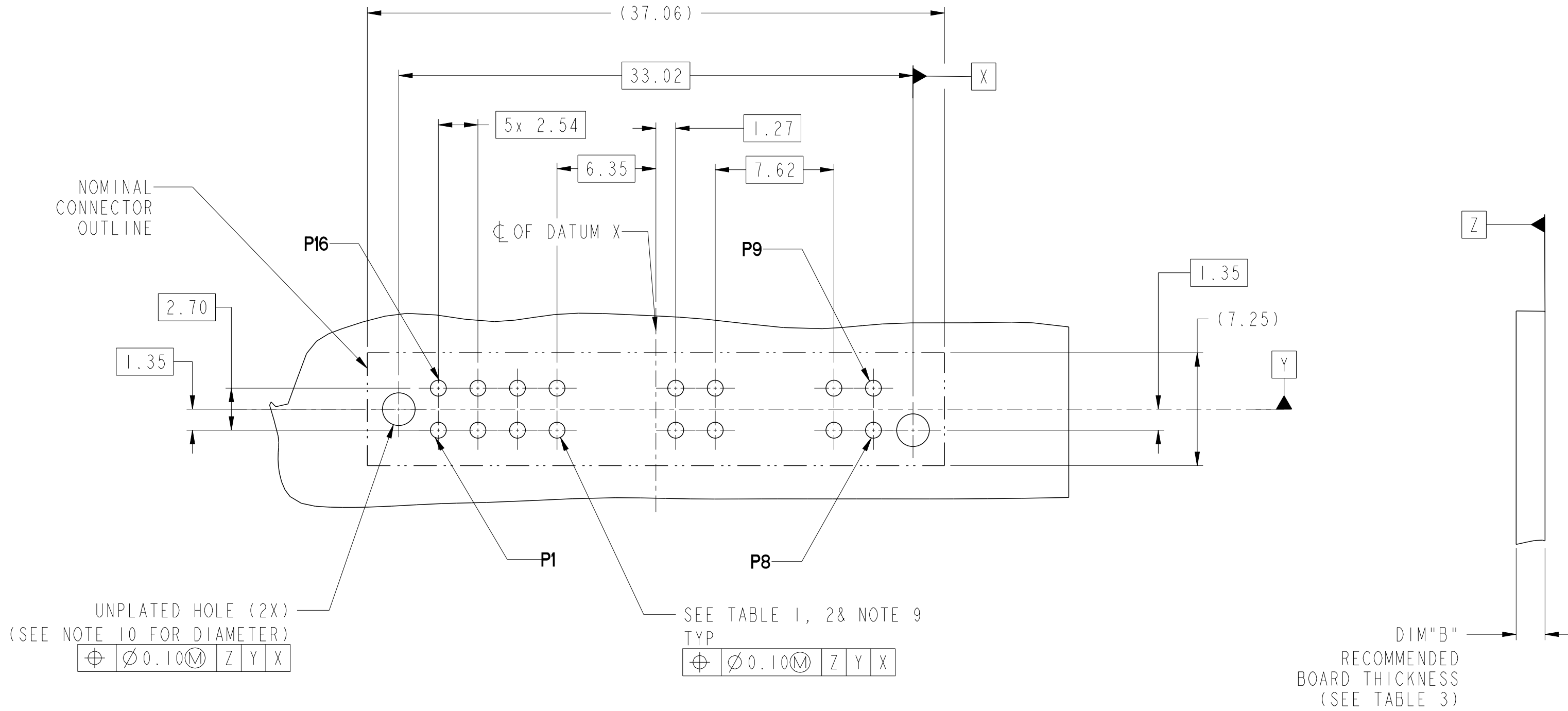


SECTION A-A

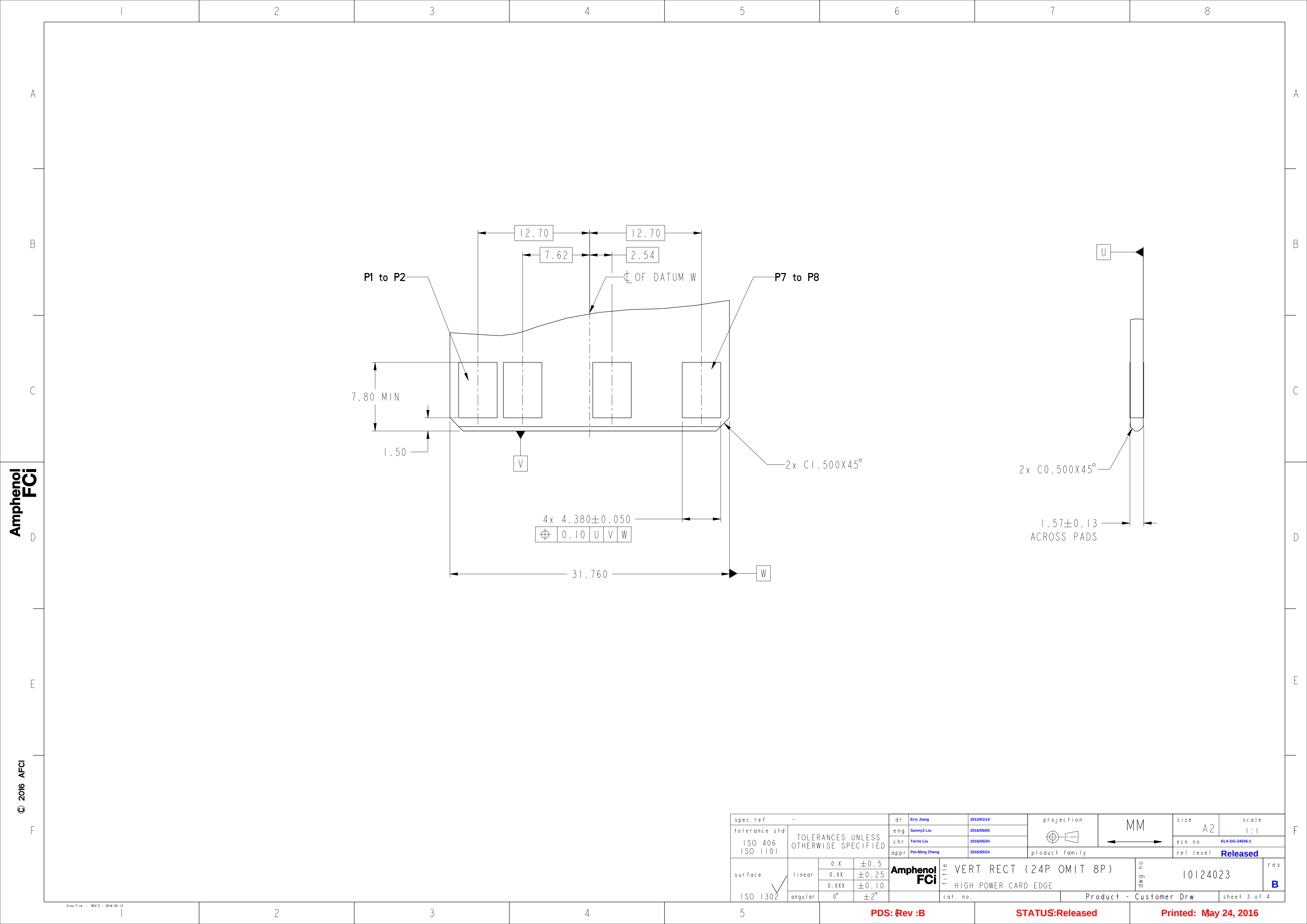
spec ref		-		dr	Eric Jiang	2013/03/14			size	A2	scale	1:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Sunny2 Liu	2016/05/05			ecn no	ELX-DG-24036-1						
				chr	Terris Liu	2016/05/20			product family	rel level	Released					
				appr	Pei-Ming Zheng	2016/05/24										
surface			linear	0.X	±0.5		title	VERT RECT (24P OMIT 8P) HIGH POWER CARD EDGE			dwg no	10124023		rev	B	
ISO 406	0.XX		±0.25													
	0.XXX		±0.10													
ISO 1101	angular	0°	±2°	cat. no.												

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



spec ref		-		dr	Eric Jiang	2013/02/14			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 ISO 1101				chr	Terris Liu	2016/05/20						
				appr	Pei-Ming Zheng	2016/05/24	product family		rel level		Released	
surface	linear	0.X	±0.5	Amphenol FCI	title	VERT RECT (24P OMIT 8P) HIGH POWER CARD EDGE		dwg no	10124023		rev	B
		0.XX	±0.25									
		0.XXX	±0.10									
	ISO 1302	angular	0°			±2°	cat. no.		Product - Customer Drw			sheet 2 of 4



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spec ref	-	dr	Eric Jiang	2013/02/14	projection	MM	size	A2	scale	1:1
tolerance std	ISO 406 ISO 1101	eng	Sunny2 Liu	2016/05/05	chr	Terris Liu	ecn no	ELX-DG-24036-1	rel level	Released
surface	ISO 1302	appr	Pei-Ming Zheng	2016/05/24	product family	VERT RECT (24P OMIT 8P) HIGH POWER CARD EDGE	cat. no.	10124023	sheet 3 of 4	rev

PDS: Rev :B

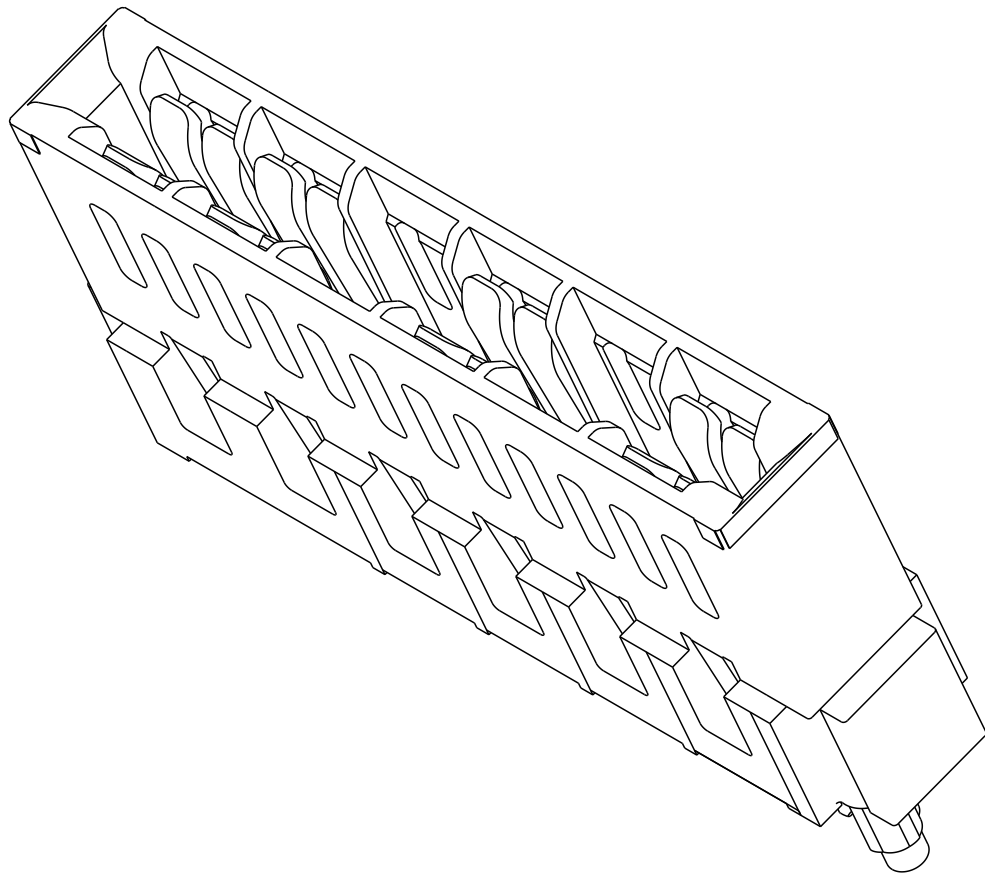
STATUS: Released

Printed: May 24, 2016

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HPCE PART NUMBER (TABLE 3)				
PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10124023-001LF	SOLDER	NO	3.17 ±0.25	1.59 - 2.38
10124023-002LF	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.
- B

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

B

 WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref -			dr Eric Jiang		2013/02/14		projection	MM	size A2		scale 1:1		
tolerance std		eng Sunny2 Liu		2016/05/05		ecn no ELX-DG-24036-1							
ISO 406 ISO 1101		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 (24P OMIT 8P) HIGH POWER CARD EDGE		dwg no 10124023	rev B				
			0.XX	±0.25									
			0.XXX	±0.10									
			angular	0°									±2°
			cat. no.		Product - Customer Drw				sheet 4 of 4				

PDS: Rev :B

STATUS:Released

Printed: May 24, 2016