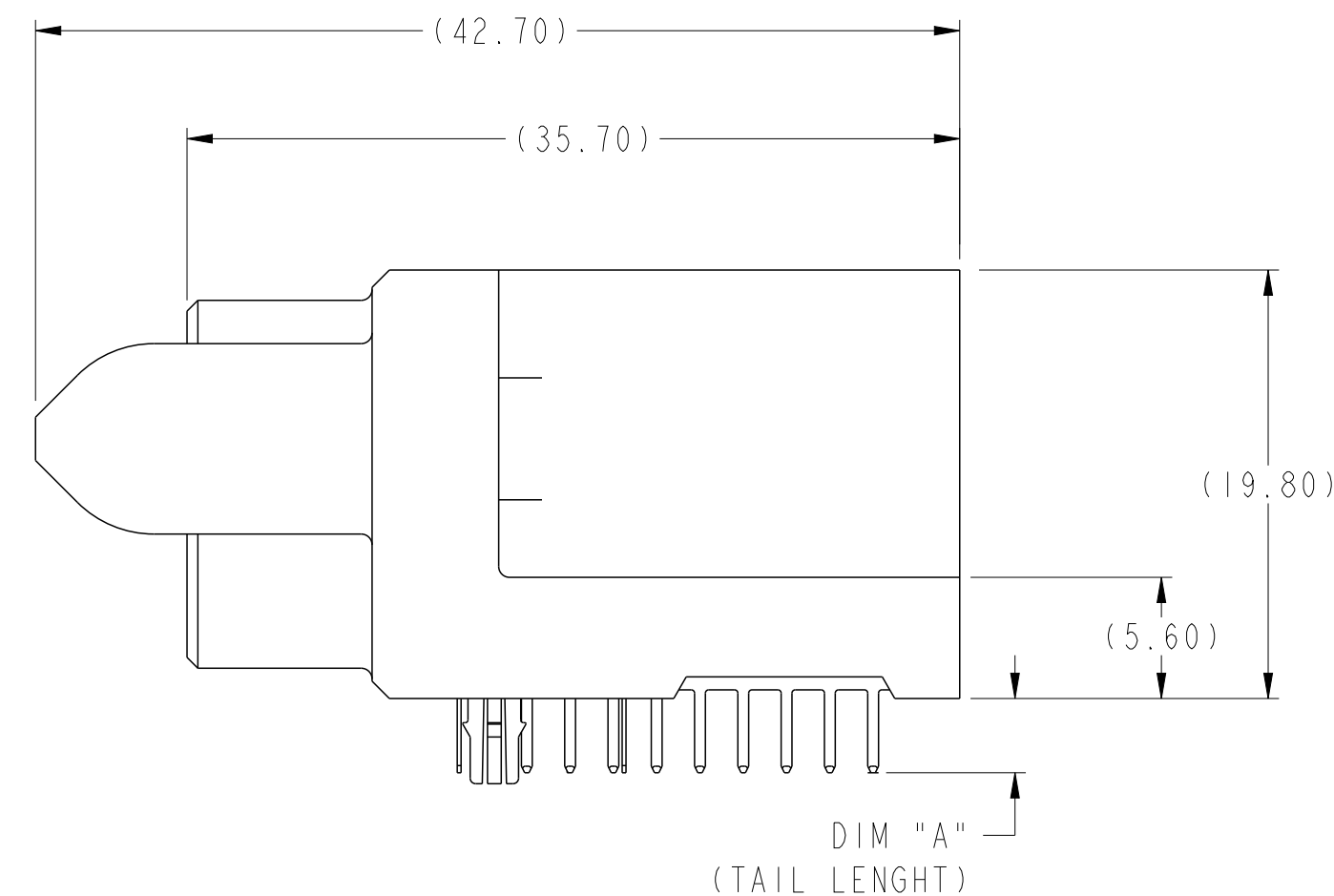
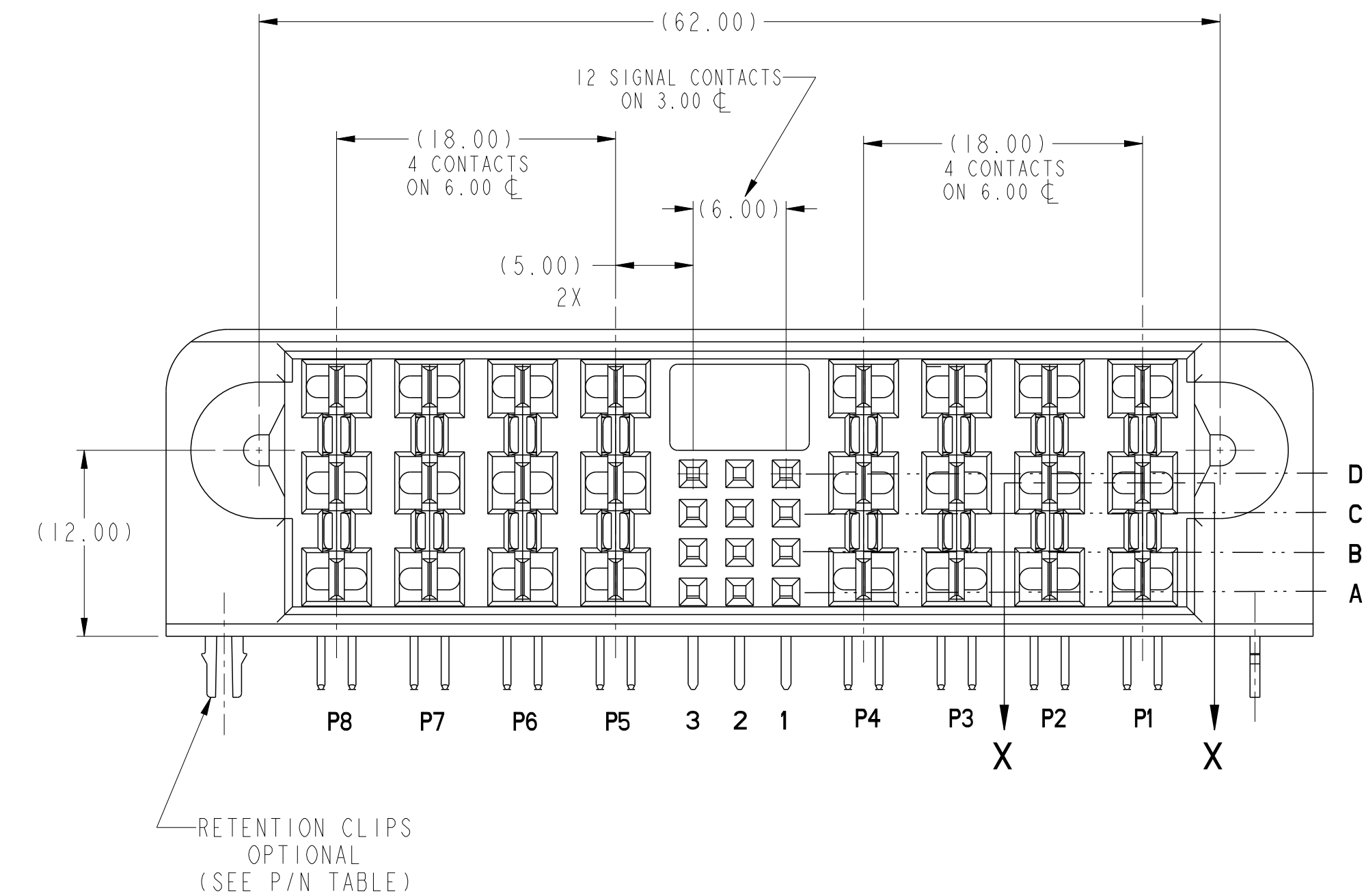
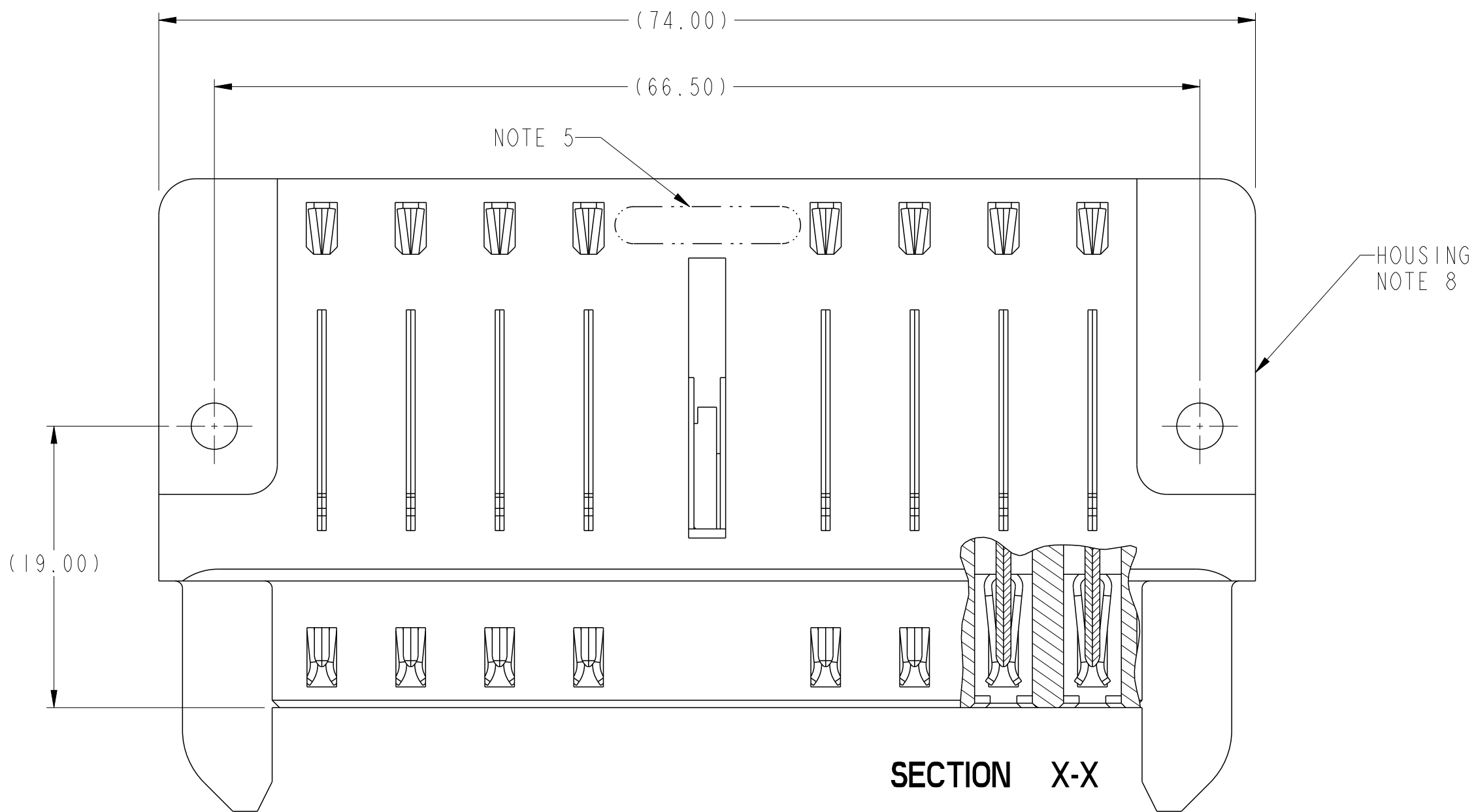




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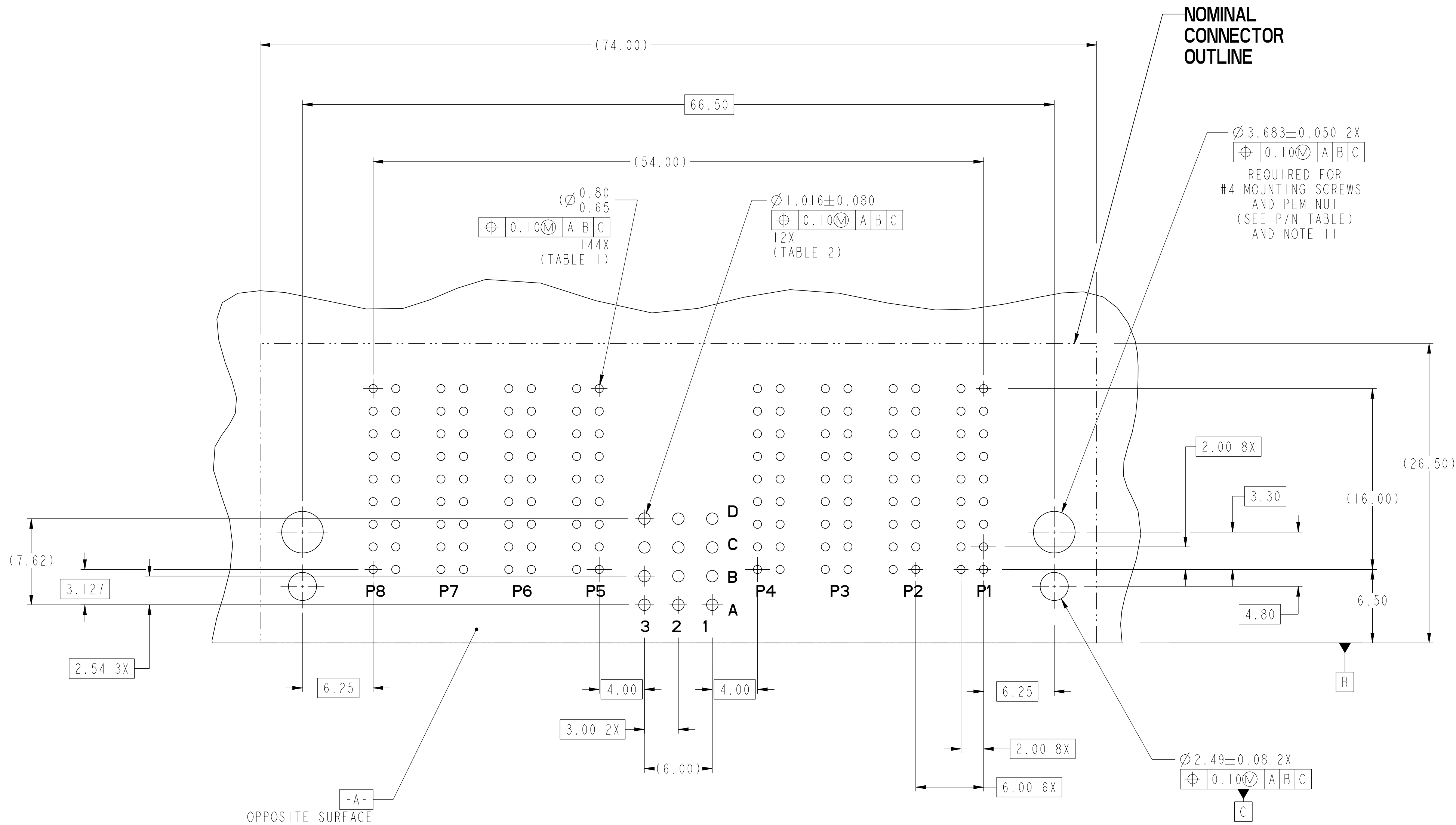


spec ref	*	dr	NotFound DuWa	2010/04/27	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	De-Ming Lu	2014/12/28	chr	-	ecn no	ELX-DG-19849-1	rel level	Released
surface	✓	appr	Pei-Ming Zheng	2014/12/29	product family	-	rel level	Released	rev	B
ASME Y14.5	linear	0.X	±0.5	0.XX	±0.25	0.XXX	±0.10	angular	0°	±2°
www.fci.com		cat. no.		Product - Customer Drw		sheet 1 of 4				

PDS: Rev :B

STATUS:Released

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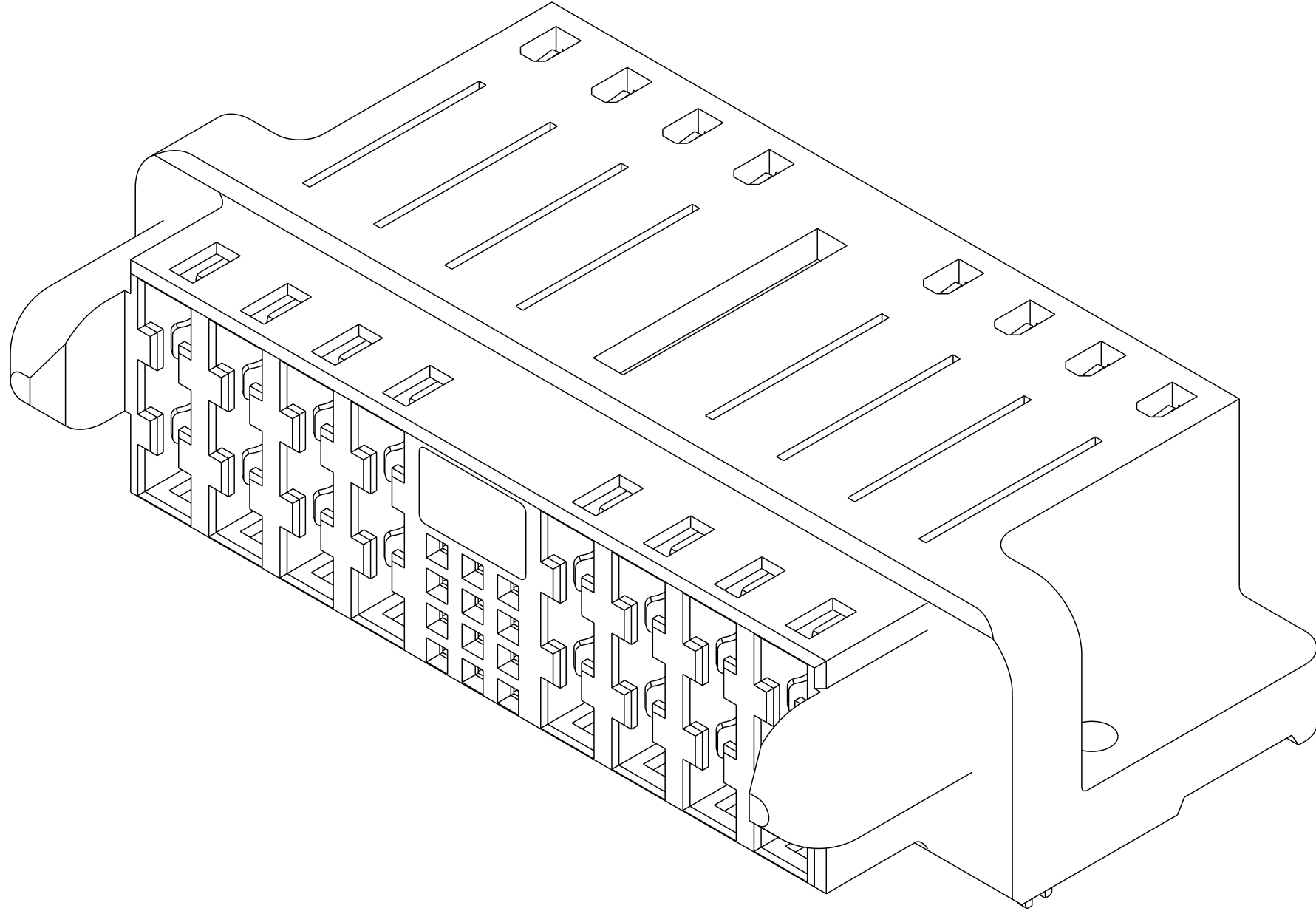


RECOMMENDED PCB LAYOUT COMPONENT SIDE

NOTE 6

dr	Not Found DuWa	2010/04/27	projection	MM	size	A2	scale	3:1
eng	De-Ming Lu	2014/12/28			ecn no	ELX-DG-19849-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/12/29	product family	-				
FCI		R/A RECPT ASSY 4P+12S+4P		dwg no		10080907		rev
www.fci.com		cat. no.		Product - Customer Drw		sheet 2 of 4		B

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B	TOP LAYER DESCRIPTION	TABLE 1 (HCI POWER) PLATED THROUGH-HOLE REQUIREMENTS							
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER THICKNESS	FINISHED HOLE DIAMETER
	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
	IMMERSION SILVER	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	0.15 - 0.65um	0.70 - 0.80
	COPPER (SEE NOTE 9)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	--	--	--	0.70 - 0.80
GOLD	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	0.003 - 0.007	FLASH UP TO 0.0002	--	--	0.69 - 0.80	
C	TOP LAYER DESCRIPTION	TABLE 2 (HPC SIGNALS) PLATED THROUGH-HOLE REQUIREMENTS							
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	FINISHED HOLE DIAMETER				
	TIN-LEAD	1.125-1.175 (Ø.0453±.0010)	0.025-0.050	0.005 - 0.015	0.94 - 1.10 (Ø.040±.003)				
	IMMERSION TIN			--					
	IMMERSION SILVER			--					
	COPPER (SEE NOTE 9)			--					
GOLD			--						
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PART NUMBER		RETENTION CLIPS		#4 SCREW		DIM A (TAIL LENGHT)		TAIL TYPE							
10080907-001LF		NO		YES		3.43		SOLDER TAIL							
10080907-002LF		NO		YES		4.70		SOLDER TAIL							
10080907-003LF		YES		NO		3.43		SOLDER TAIL							
10080907-004LF		YES		NO		4.70		SOLDER TAIL							
<div>NOTES:</div> <div><div>1. CONNECTOR MATERIALS: HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK UL 94V-0 COMPLIANT CONTACTS: HIGH PERFORMANCE COPPER ALLOY</div><div>2. CONTACT FINISH (ref GS-12-380 SECTION 5.2)</div><div>3. PRODUCT SPECIFICATION: GS-12-380. (IN PROGRESS)</div><div>4. APPLICATION SPECIFICATION: GS-20-070. (IN PROGRESS)</div><div>5. PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.</div><div>6. MINIMUM NOMINAL PCB THICKNESS: 1.6mm</div><div>7. PACKAGING MEETS FCI SPECIFICATION GS-14-1073.</div><div>8. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.</div><div>9. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.</div><div>10. ALL HOLE SIZES ARE FINISHED HOLE SIZES.</div><div>11. MOUNTING HOLES ARE UNPLATED.</div></div>															
<div><div><div><div>FCI</div><div>www.fci.com</div></div><div><div>title</div><div>R/A RECPT ASSY 4P+12S+4P</div><div>HCI POWER CONNECTOR</div></div><div><div>dwg no</div><div>10080907</div></div><div><div>rev</div><div>B</div></div></div><div><div>cat. no.</div><div>-</div><div>Product - Customer Drw</div><div>sheet 4 of 4</div></div></div>															
1		2		3		4		5		PDS: Rev :B		STATUS:Released		Printed: Dec 30, 2014	

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