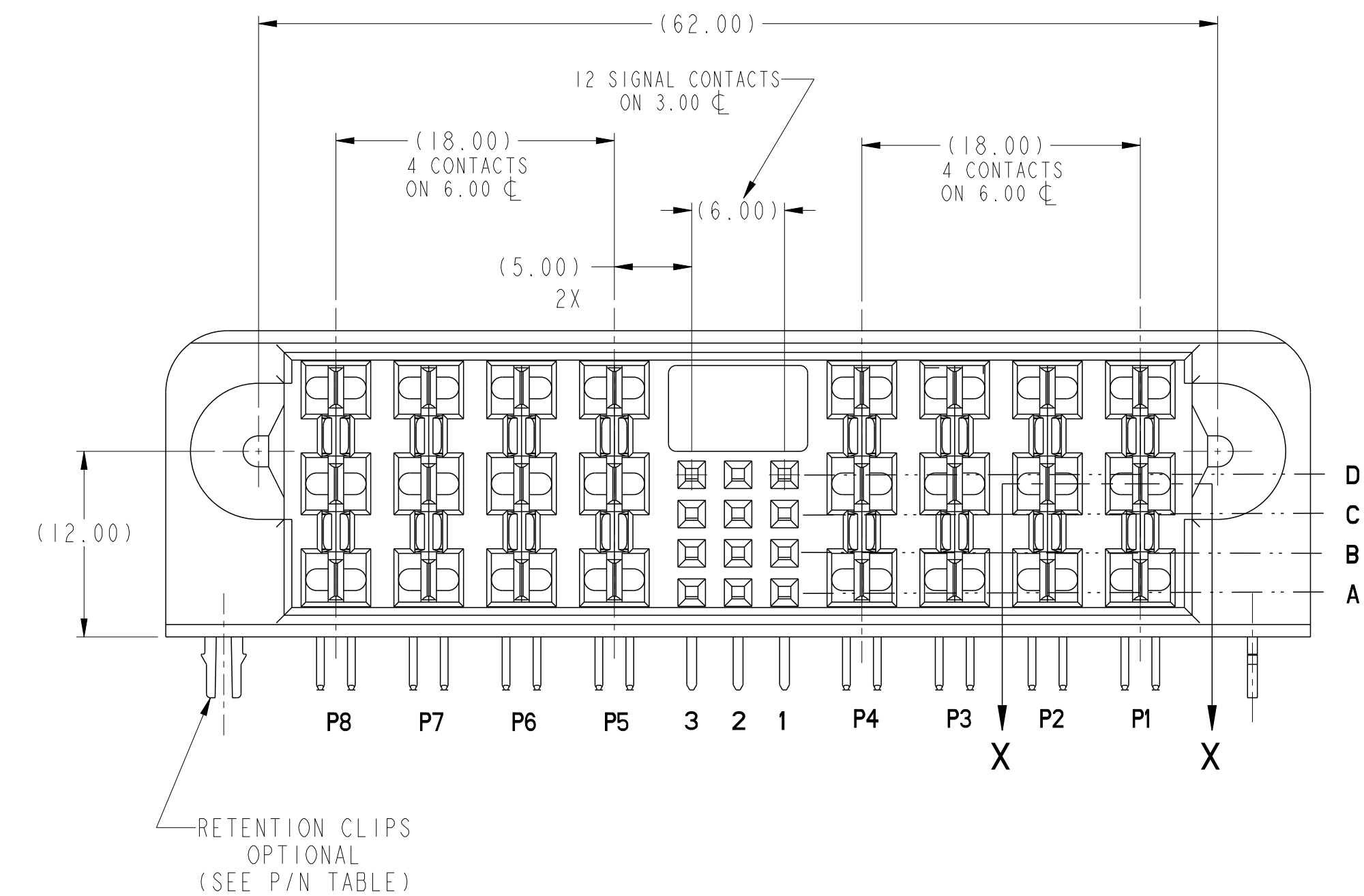
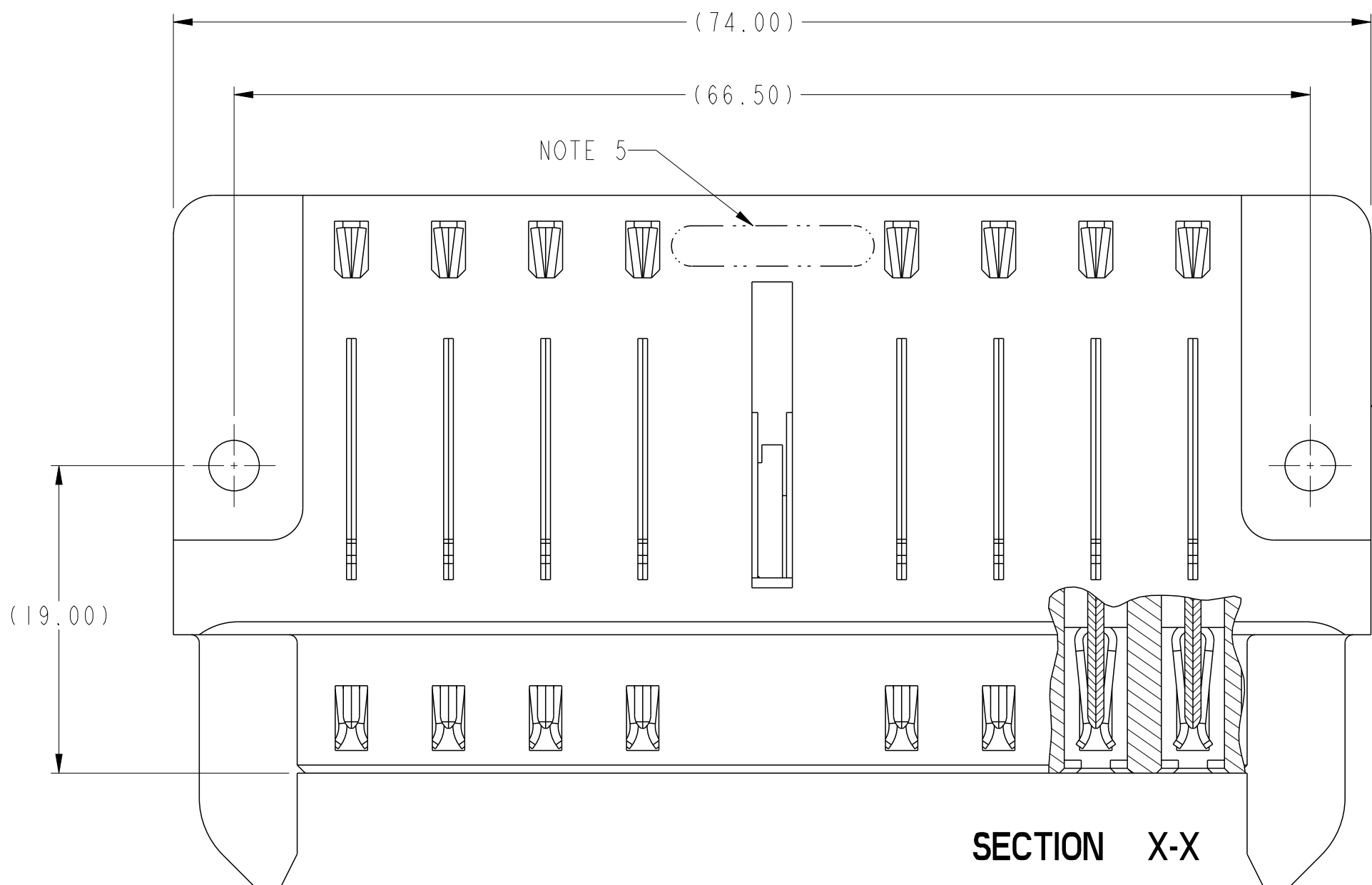
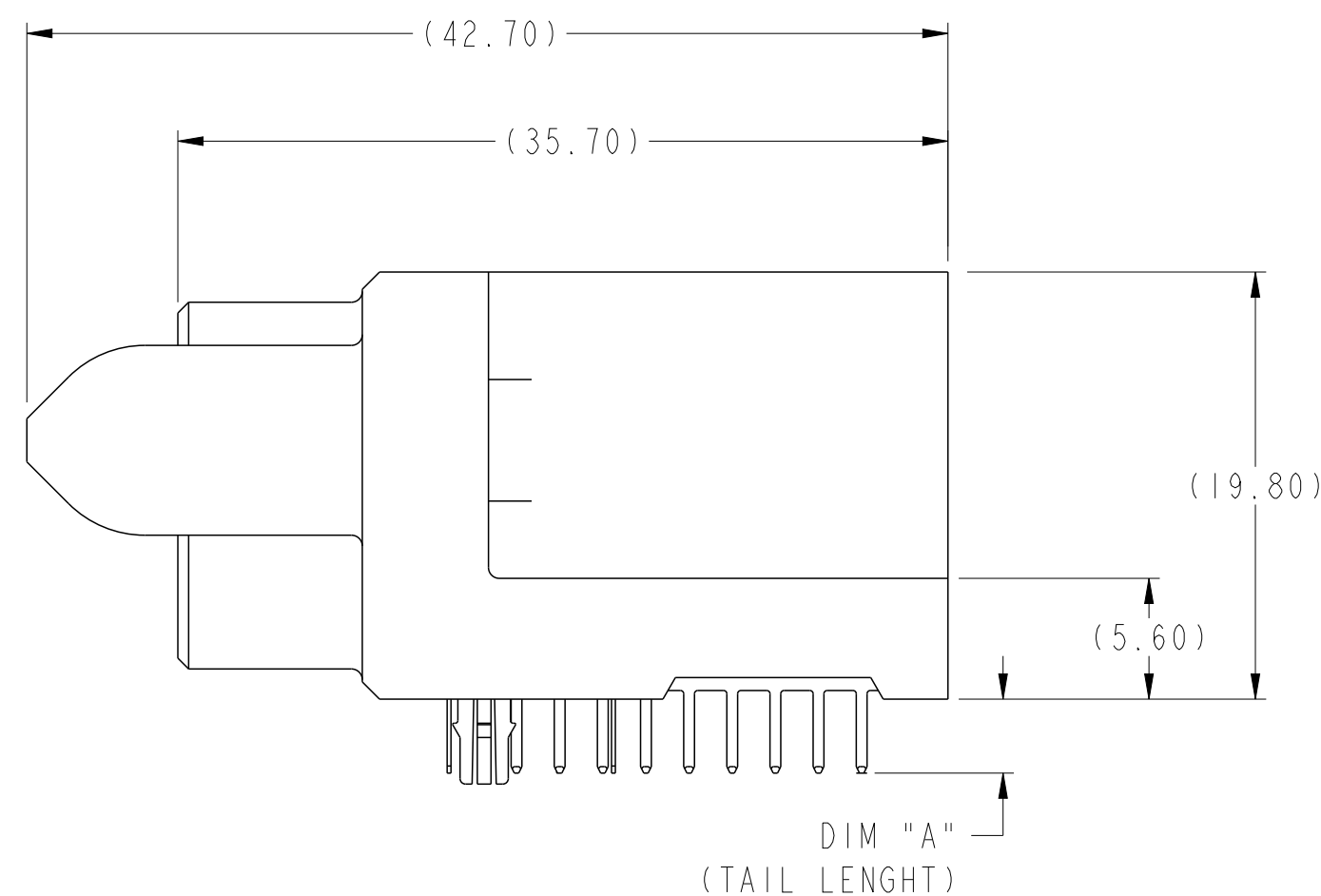


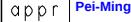


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HOUSING
NOTE 8



spec ref		*	dr		NotFound DuWa	2010/04/27	projection		MM		size	A2	scale	3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		De-Ming Lu	2014/12/28					ecn no			ELX-DG-19848-1	
ASME Y14.5			chr		-	-	rel level				Released				
			appr		Pei-Ming Zheng	2014/12/29	product family		-						
surface 		linear	0.X	±0.5		title	R/A RECP ASSY 4P+12S+4P				dwg no	10080907		rev	B
			0.XX	±0.25			HCI POWER CONNECTOR								
ASME Y14.5		angular	0°	±2°											
			www.fci.com		cat. no.	-	Product - Customer Drw				sheet 1 of 4				

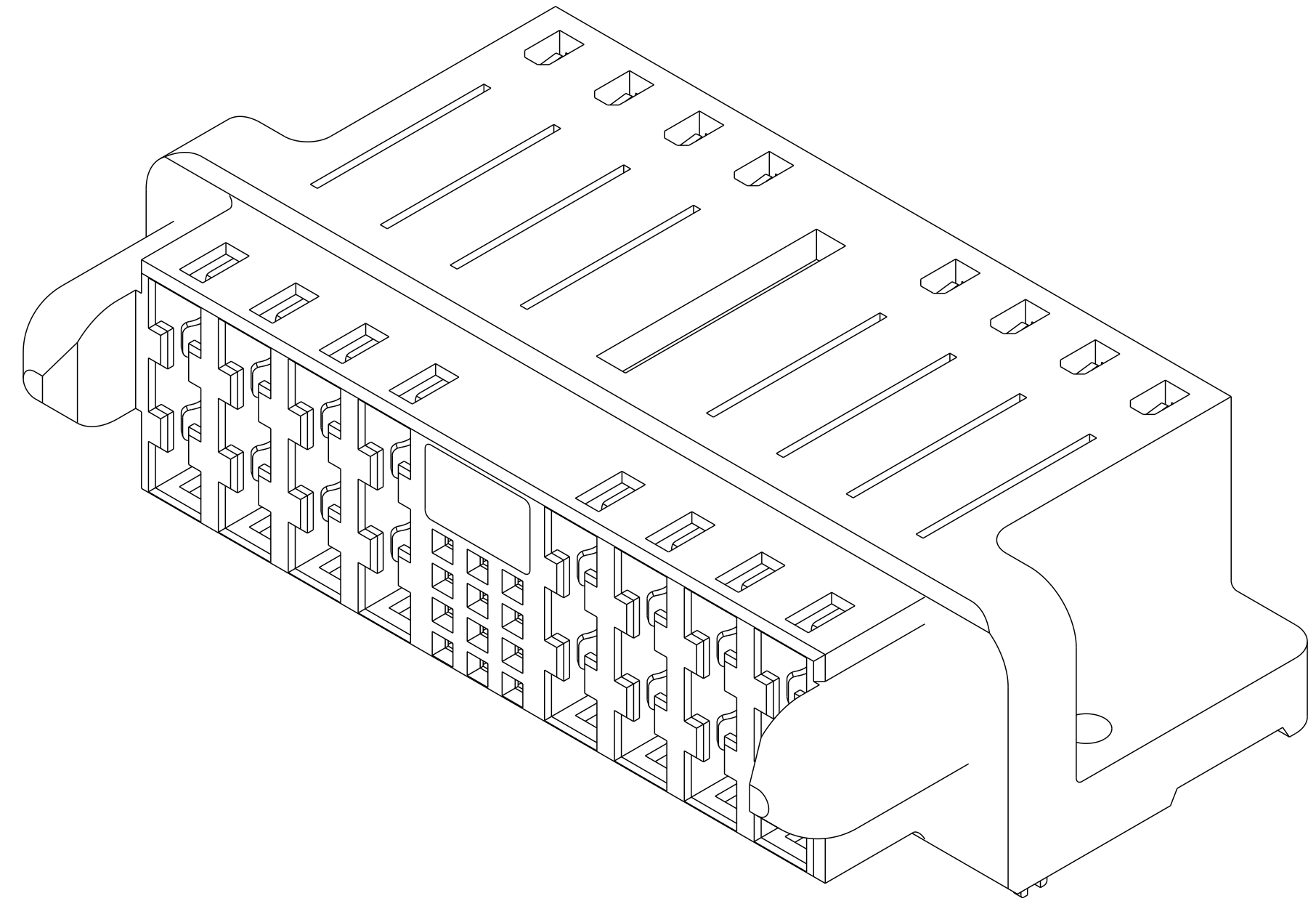
PDS: Rev :B

STATUS:Released

Printed: Dec 30, 2014

	1	2	3	4	5	6	7	8	
A									A
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			--						
D									D
E									E
F									F

1		2		3		4		5		6		7		8	
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											



NOTES:

1. CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY
2. CONTACT FINISH (ref GS-12-380 SECTION 5.2)
3. PRODUCT SPECIFICATION: GS-12-380. (IN PROGRESS)
4. APPLICATION SPECIFICATION: GS-20-070. (IN PROGRESS)
5. PRODUCT MARKING (PRODUCT NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.
6. MINIMUM NOMINAL PCB THICKNESS: 1.6mm
7. PACKAGING MEETS FCI SPECIFICATION GS-14-1073.
8. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C
PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED,
OR VAPOR PHASE REFLOW OVEN.
9. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE
NO MORE THAN 0.003 LESS THAN OTHER AREAS.
10. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
11. MOUNTING HOLES ARE UNPLATED.

9. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.

10. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

