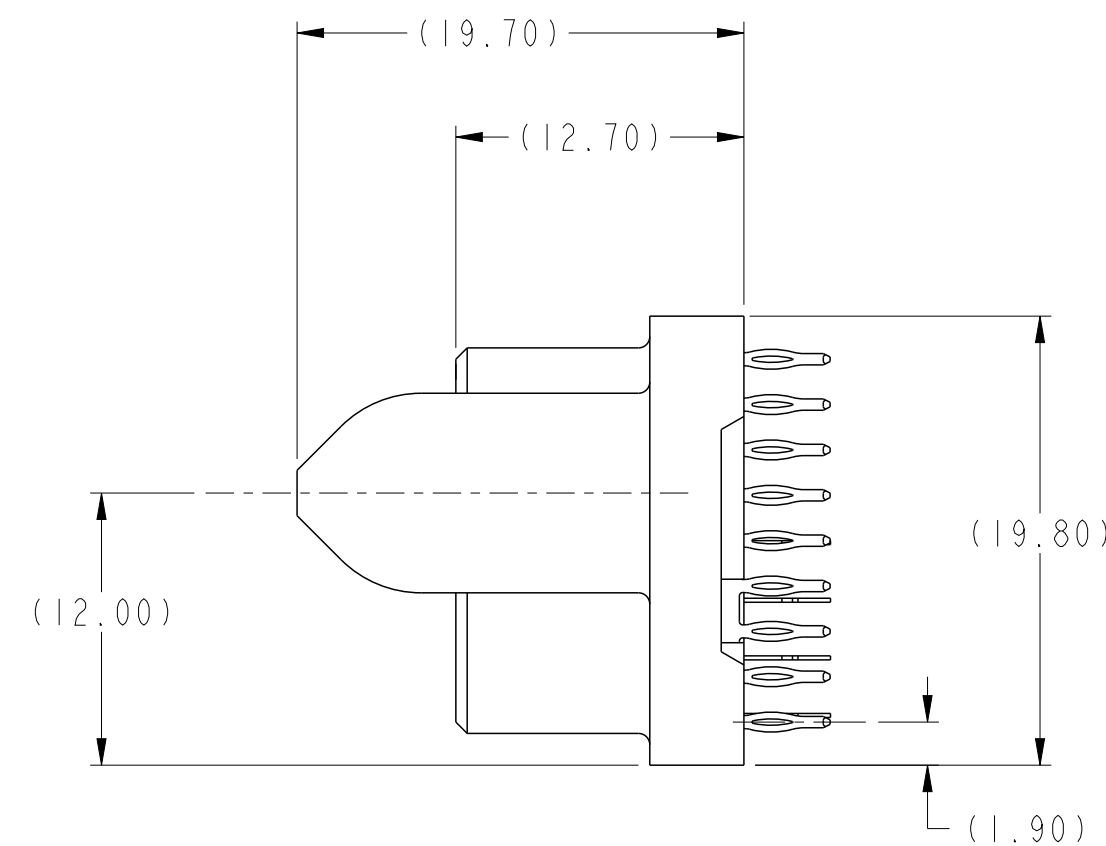
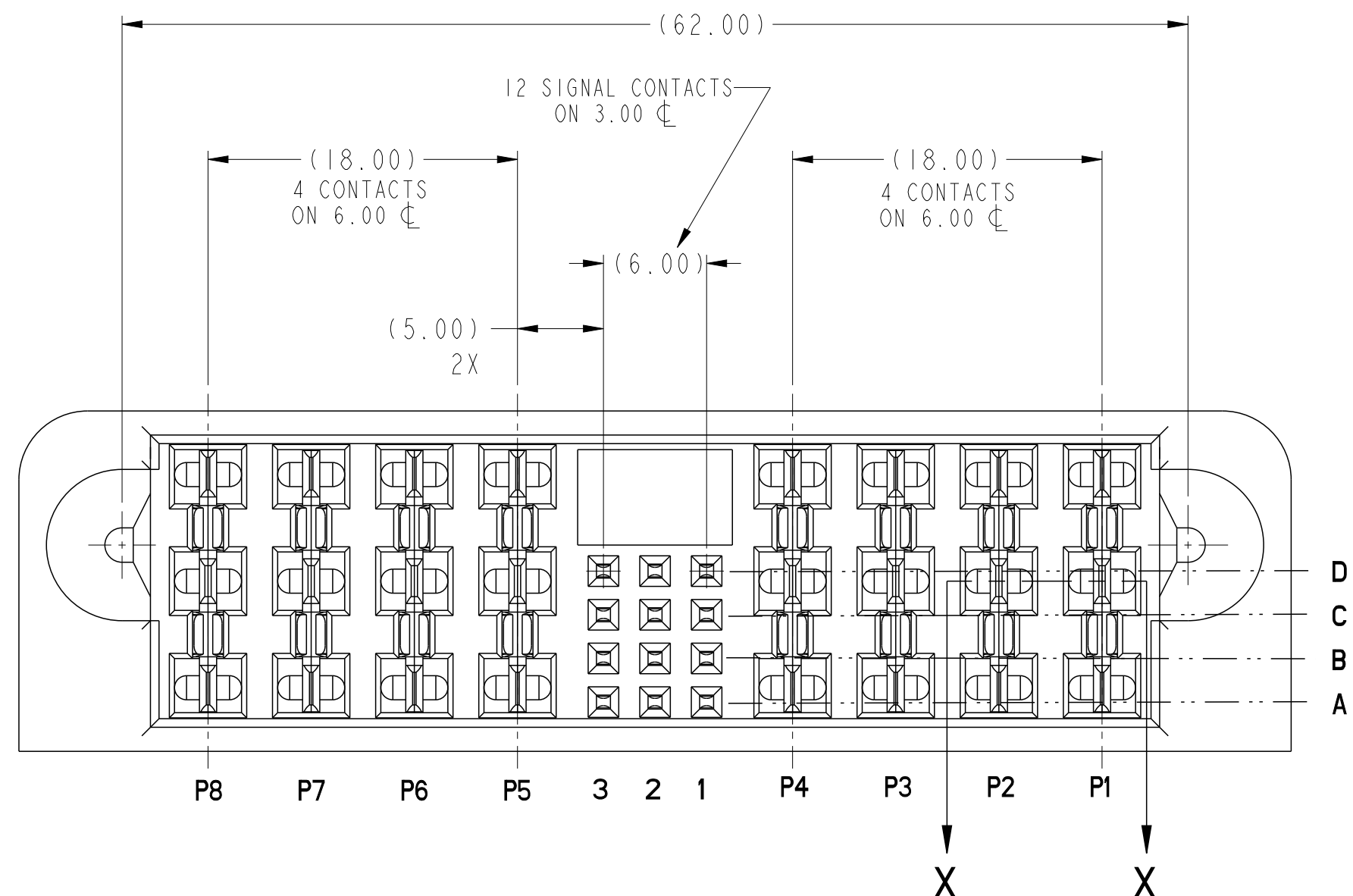
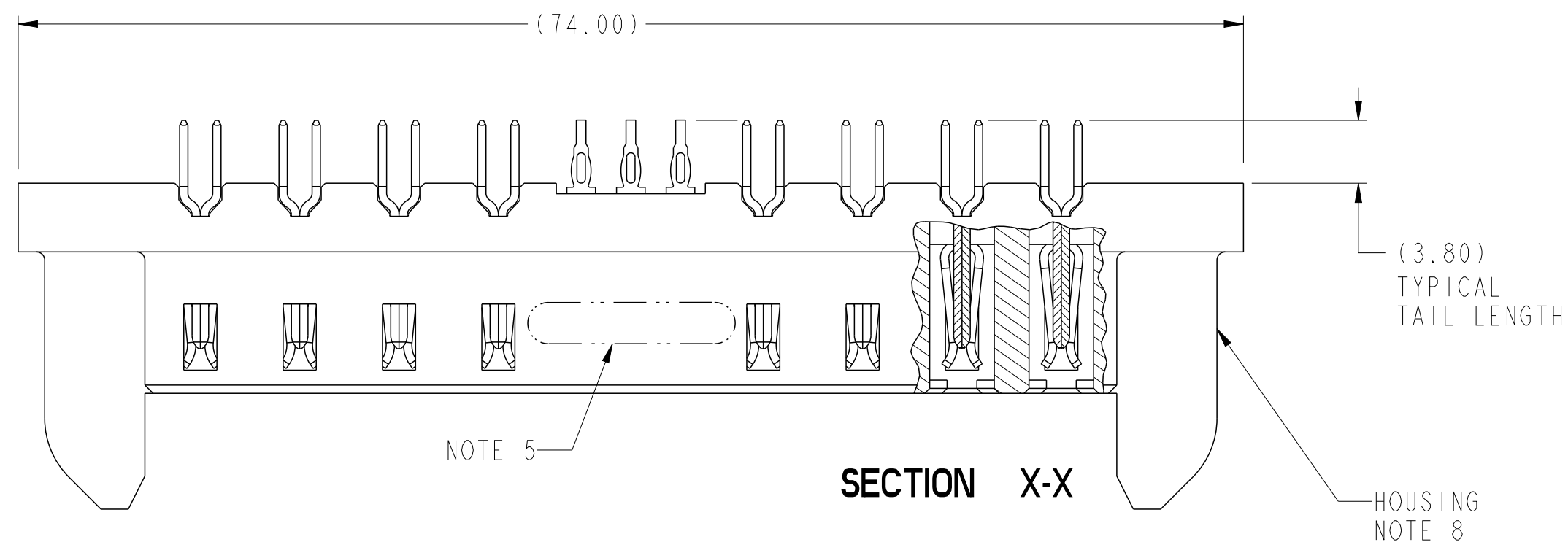
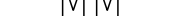
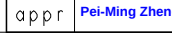
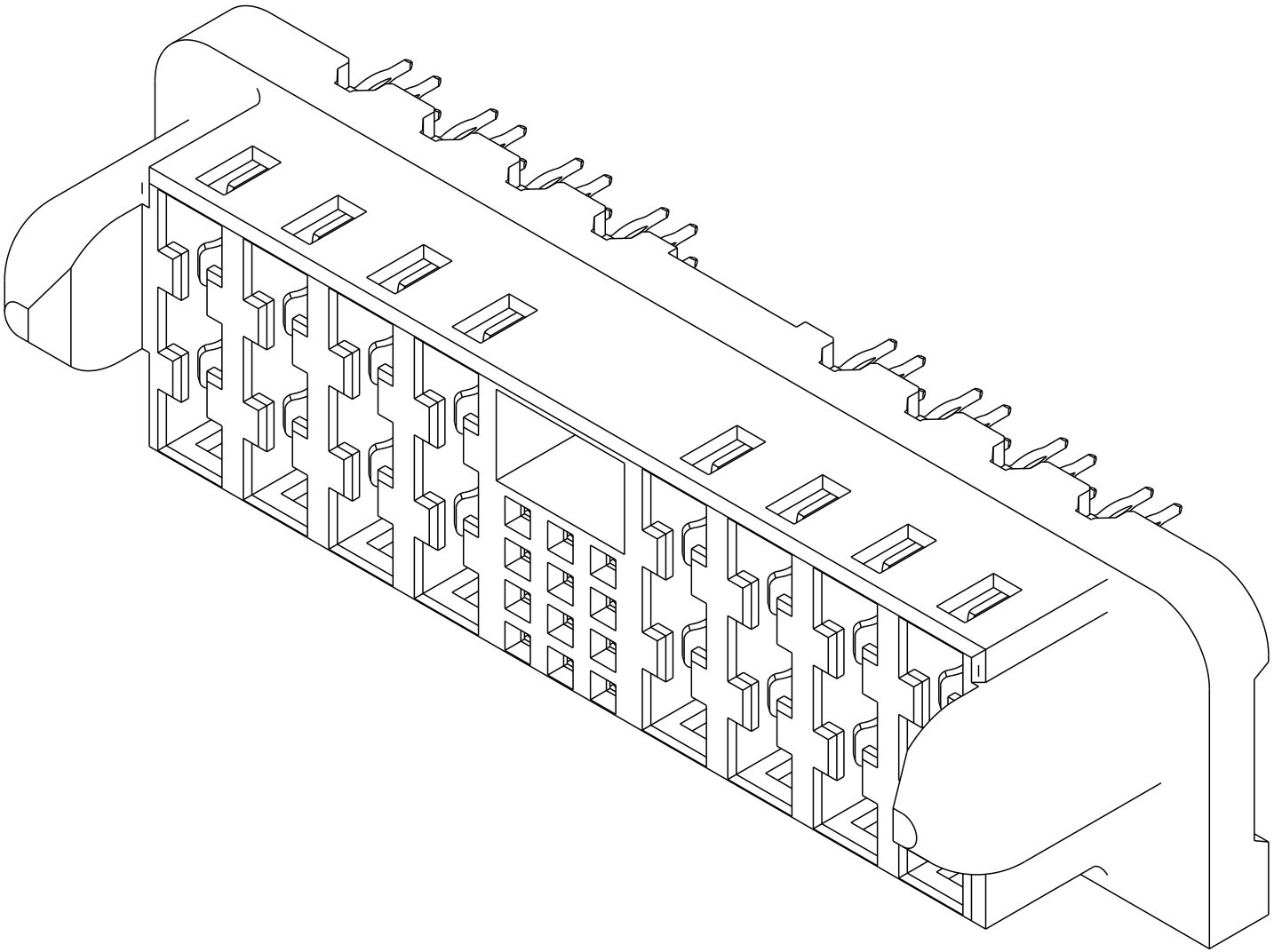
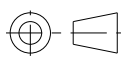
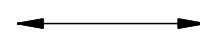




spec ref		-		dr		Not Found DuWa		2010/04/28		projection		MM		size		A2		scale		3:1	
tolerance std		-		eng		De-Ming Lu		2014/12/28						ecn no		ELX-DG-19849-1					
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-						rel level		Released					
				appr		Pei-Ming Zheng		2014/12/29		product family				HCI							
surface		✓				title		VERT RECPT ASSY 4P-12S-4P		HCI POWER CONNECTOR				dwg no		10080657		rev		B	
ASME Y14.5																					

	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)					
D									D
E									E
									F
									F
									F
									F
									F
PDS: Rev :B		STATUS:Released		Printed: Dec 30, 2014					

1		2		3		4		5		6		7		8	
PART NUMBER		M2.5 SCREW NOTE 11		TAIL PLATING		TAIL TYPE									
10080657-001		OPTIONAL		SnPb		PRESS-FIT									
10080657-001LF		OPTIONAL		Sn		PRESS-FIT									
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. RECOMMENDED RETENTION TO PCB: Ø0.110[2.79] THRU HOLE (UNPLATED) FOR M2.5 SELF THREADING SCREW, MAX HEAD Ø0.177[4.50]. RECOMMENDED SCREW LENGTH 0.276[7.00] + PCB THICKNESS. RECOMMENDED SCREW SEATING TO PCB TORQUE: 2-5 lbf-in (2300-5760 gf-cm). 															
dr Not-Found DuWa 2010/04/28 eng De-Ming Lu 2014/12/28 chr - - appr Pei-Ming Zheng 2014/12/29 FCI www.fci.com title VERT RECPT ASSY 4P-12S-4P HCI POWER CONNECTOR cat. no. - projection  MM  product family HCI size A2 scale 3:1 ecn no ELX-DG-19849-1 rel level Released dwg no 10080657 rev B Product - Customer Drw sheet 4 of 4															
PDS: Rev :B		STATUS:Released		Printed: Dec 30, 2014											

