

A

B

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A

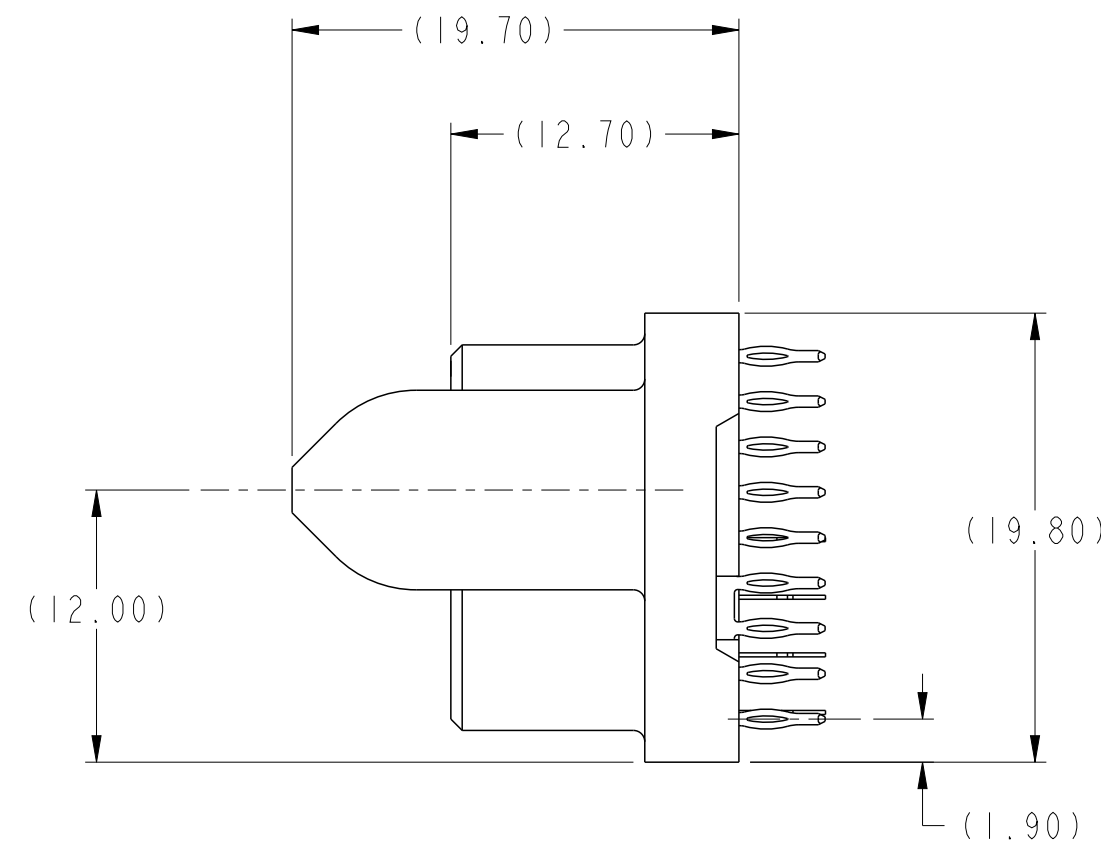
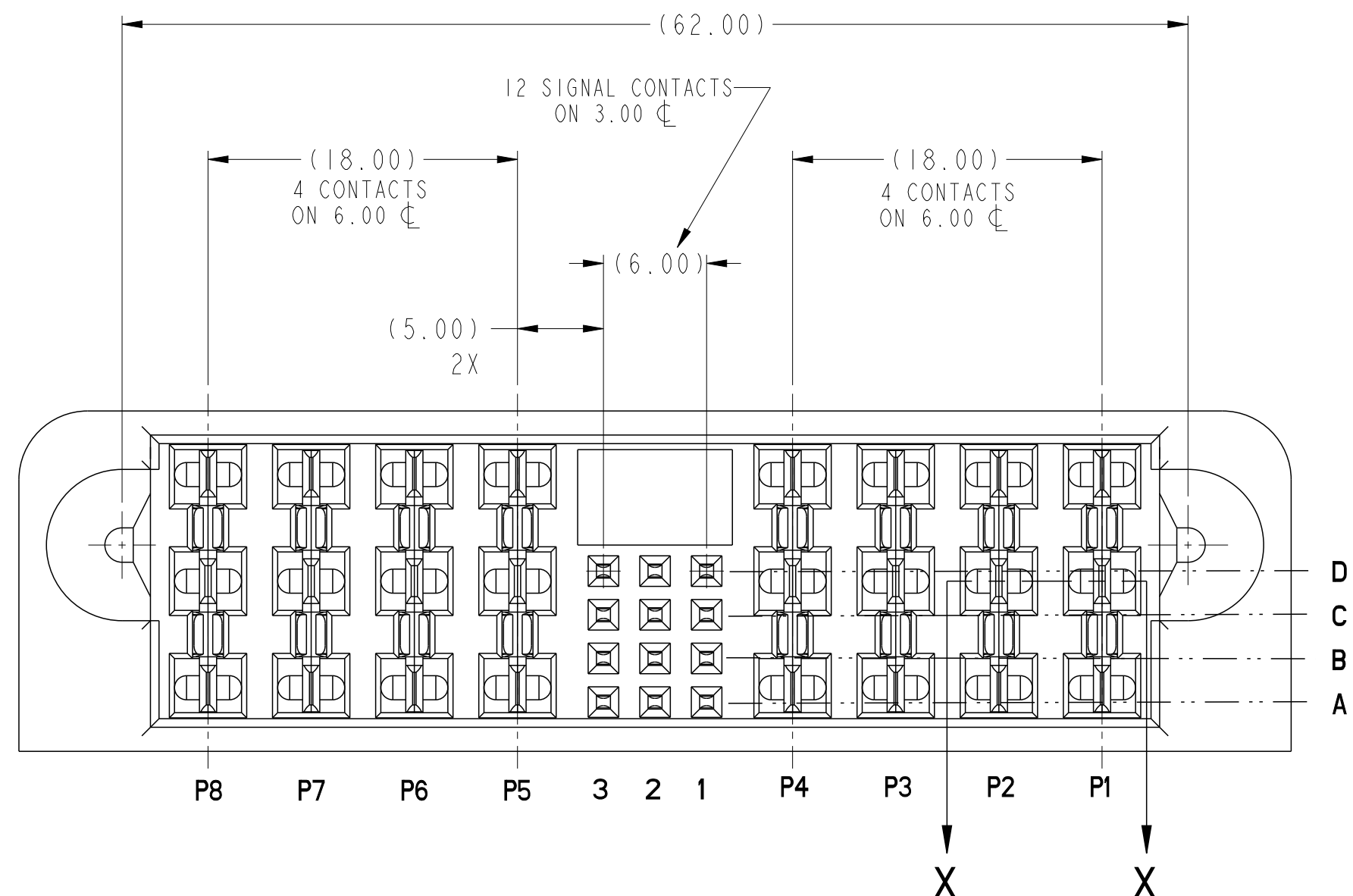
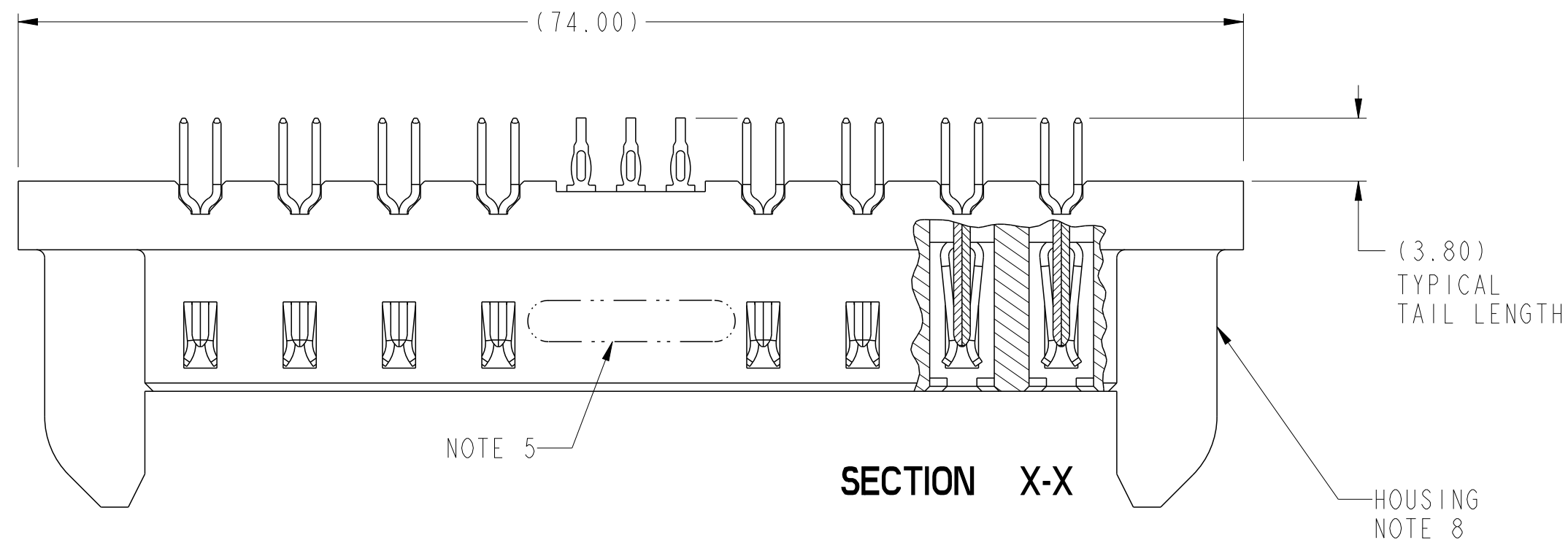
B





C

D

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F



spec ref		-		dr		NotFound 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		Released					
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-																	
				appr		Pei-Ming Zheng		2014/12/29												product family		HCI	
surface				linear		0.X ±0.5		±0.5				title		VERT RECPT ASSY 4P-12S-4P		dwg no		10080657		rev		B	
				0.XX ±0.25		±0.25																	
				0.XXX ±0.10		±0.10																	
ASME Y14.5				angular		0° ±2°		±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)					
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									
<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. 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).</div></div> <div></div>															
<div><div><div><div><div>FCI</div><div>Copyright FCI.</div></div></div><div><div>dr</div><div>eng</div><div>chr</div><div>appr</div></div><div><div>Not Found DuWa</div><div>De-Ming Lu</div><div>-</div><div>Pei-Ming Zheng</div></div><div><div>2010/04/28</div><div>2014/12/28</div><div>-</div><div>2014/12/29</div></div><div><div>projection</div><div></div><div>MM</div><div><div>size</div><div>A2</div></div><div><div>scale</div><div>3:1</div></div></div><div><div>ecn no</div><div>ELX-DG-19849-1</div></div><div><div>rel level</div><div>Released</div></div><div><div>product family</div><div>HCI</div></div><div><div>title</div><div>VERT RECPT ASSY 4P-12S-4P</div><div>HCI POWER CONNECTOR</div><div>www.fci.com</div></div><div><div>cat. no.</div><div>-</div></div><div><div>Product - Customer Drw</div></div><div><div>sheet 4 of 4</div></div><div><div>rev</div><div>B</div></div></div></div>															
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