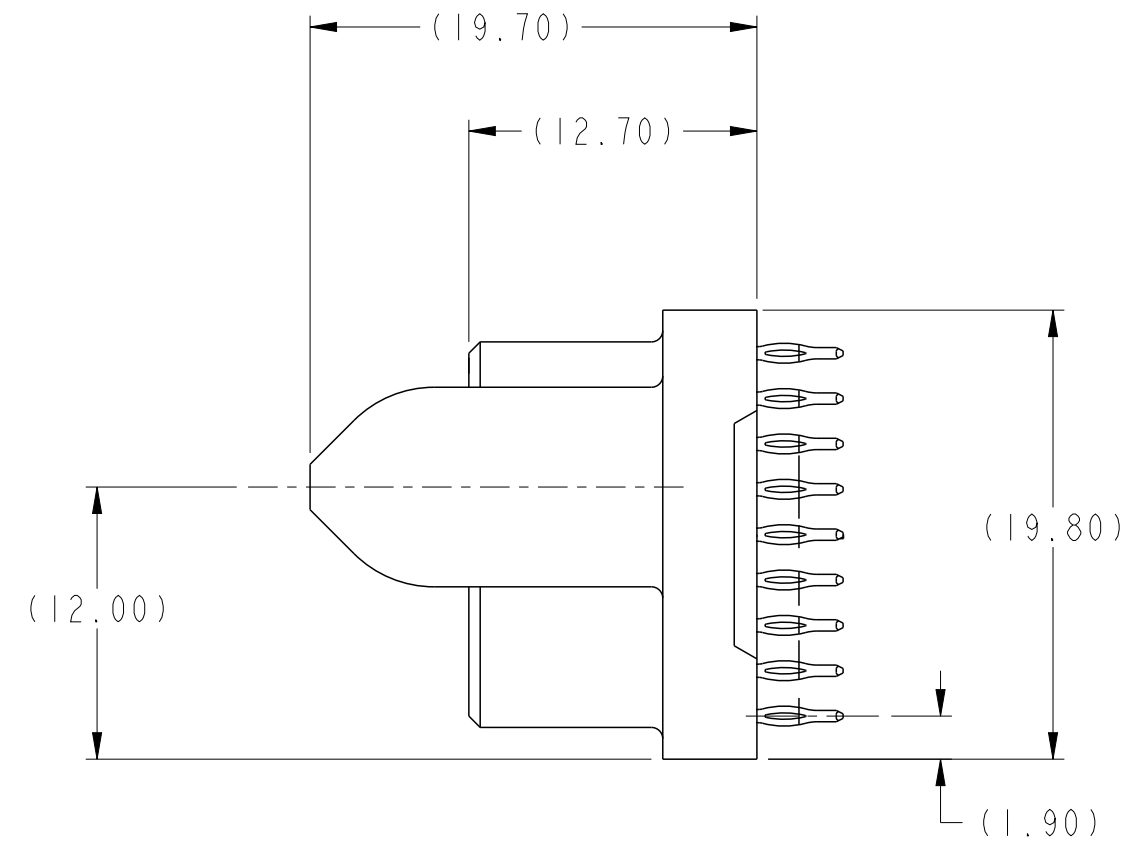
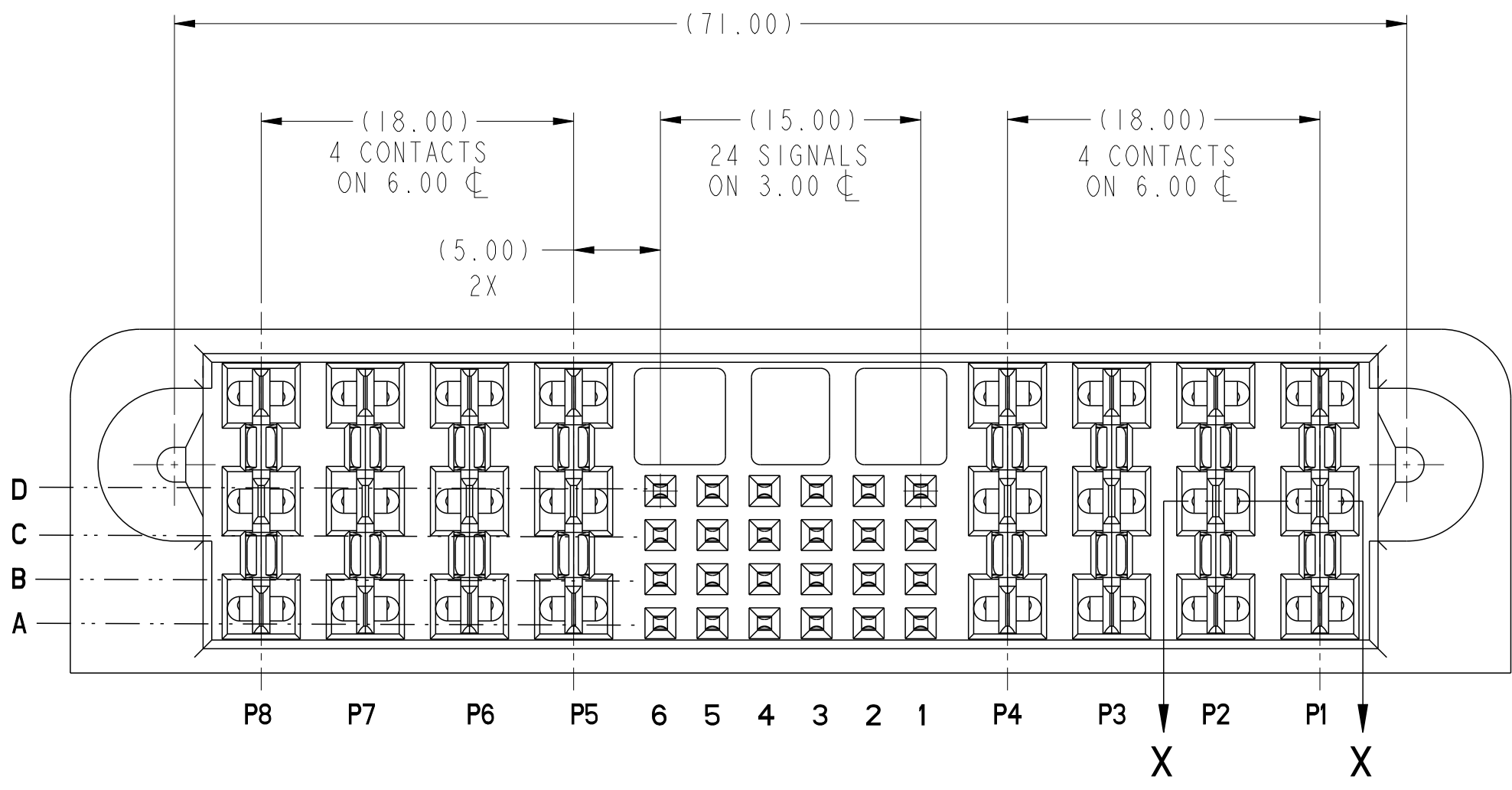
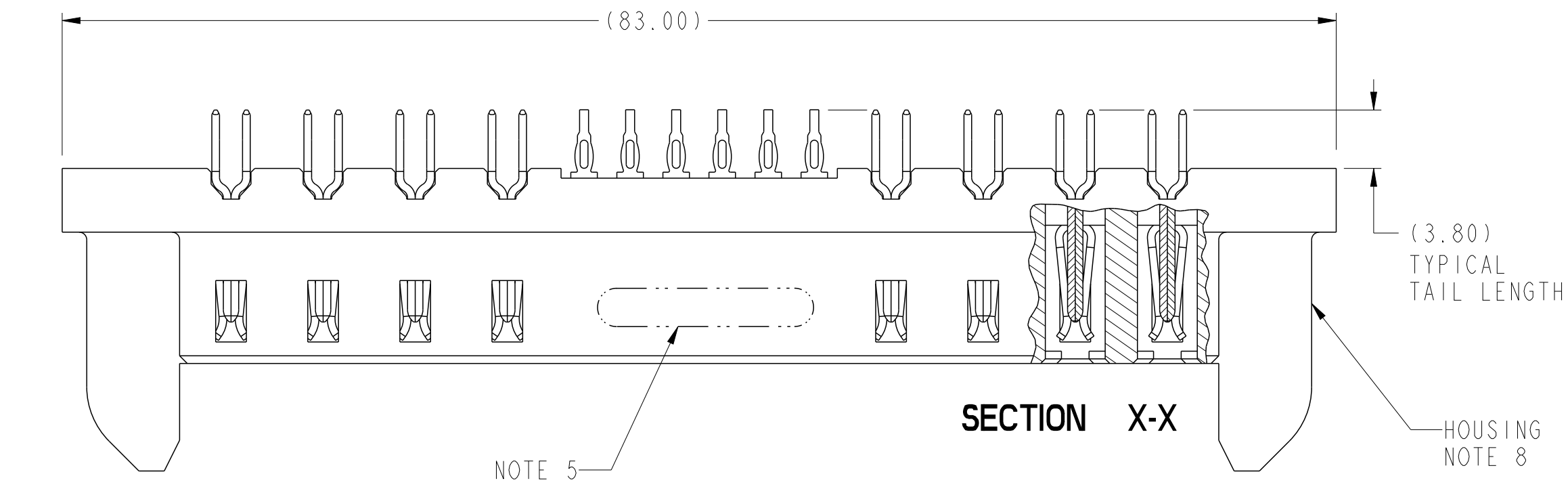




spec ref		-		dr		NotFound DuWa		2010/04/28		projection		MM		size		A2		scale		3:1			
tolerance std		-		eng		De-Ming Lu		2014/12/27						ecn no		ELX-DG-19849-1							
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		-		-						rel level		Released							
				appr		Pei-Ming Zheng		2014/12/29						product family		HCI							
surface		- 		linear		0.X		±0.5				title		VERT RECPT ASSY 4P+24S+4P		dwg no		10077215		rev		B	
				0.XX		±0.25																	
				0.XXX		±0.10																	
ASME Y14.5				angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 4					

NOMINAL
CONNECTOR
OUTLINE

($\varnothing 1.016 \pm 0.080$)
 $\oplus 0.10 \text{M}$ A B
24X
(TABLE 2)

($\varnothing 0.80$)
0.65
 $\oplus 0.10 \text{M}$ A B
144X
(TABLE 1)

($\varnothing 2.79$) 2X
 $\oplus 0.10 \text{M}$ A B
-OPTIONAL-
NOTE 11

CENTER OF
GUIDE

(12.00)
(7.62)

2.54 3X

0.292

4.00

3.00 5X

4.00

-A-
OPPOSITE
SURFACE

2.00 8X

TOP SURFACE OF
DAUGHTER CARD

RECOMMENDED PCB LAYOUT COMPONENT SIDE

NOTE 6

dr	NotFound DuWa	2010/04/28	projection 	MM 	size	A2	scale	4:1
eng	De-Ming Lu	2014/12/27			ecn no	ELX-DG-19849-1		
chr	-	-			rel level			Released
appr	Pei-Ming Zheng	2014/12/29	product family			-		
FCj		title	VERT RECPT ASSY 4P+24S+4P			dwg no	10077215	
			HCI POWER CONNECTOR				B	
www.fci.com		cat. no.	-			Product - Customer Drw		sheet 2 of 4

	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	NICKEL THICKNESS	GOLD THICKNESS	TIN THICKNESS	SILVER 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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