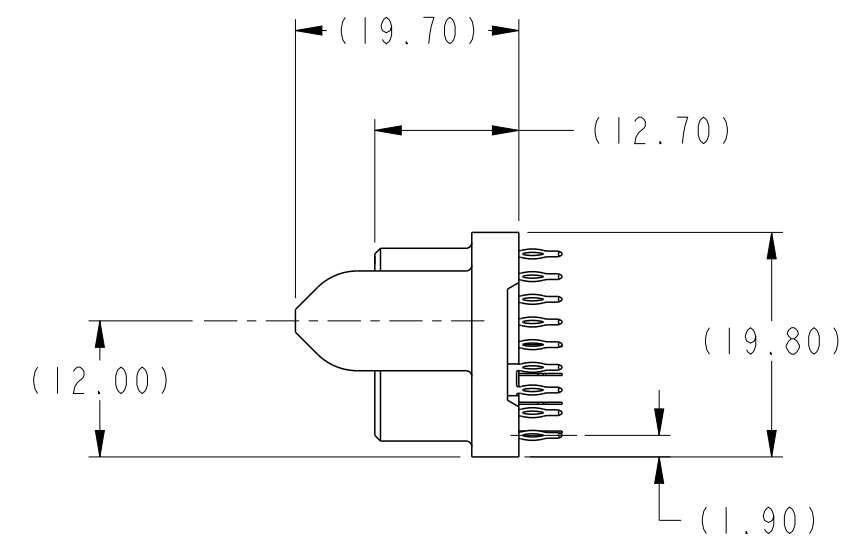
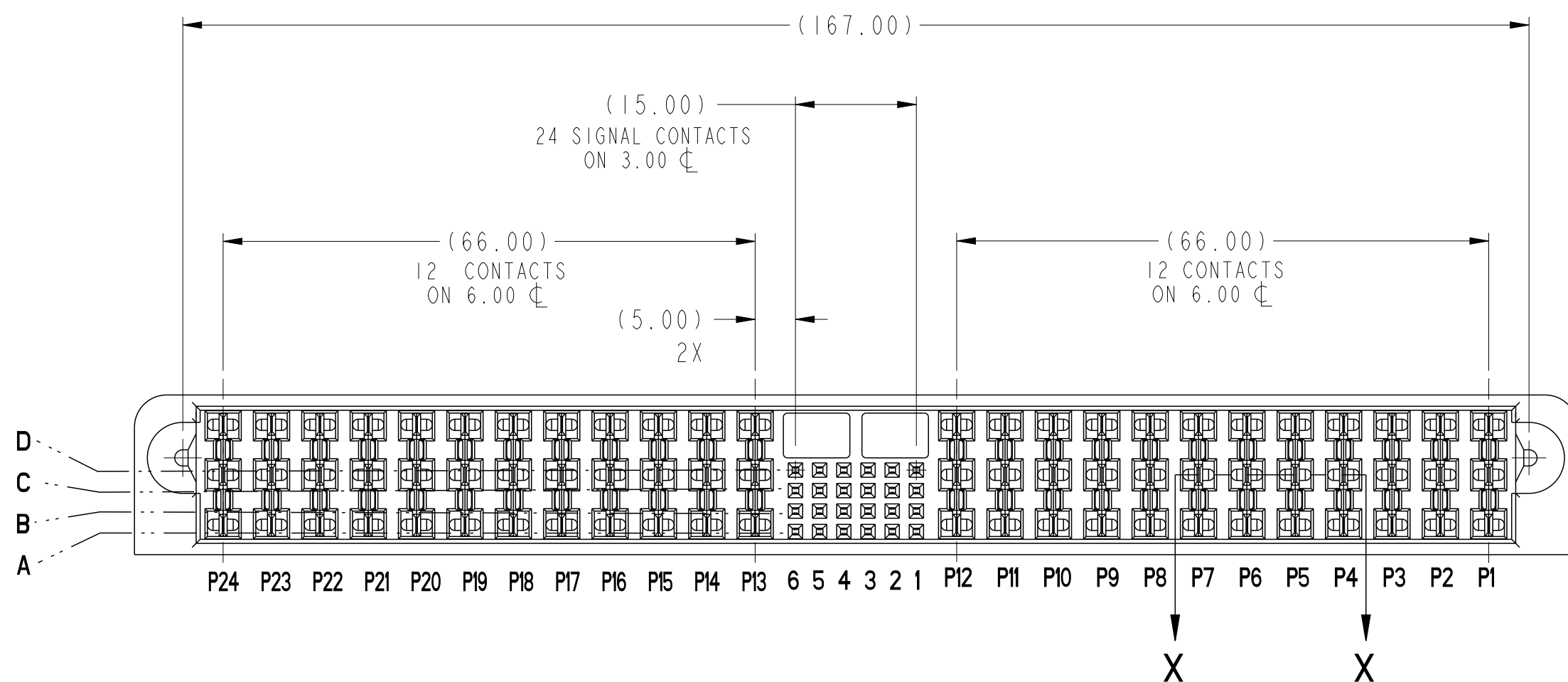
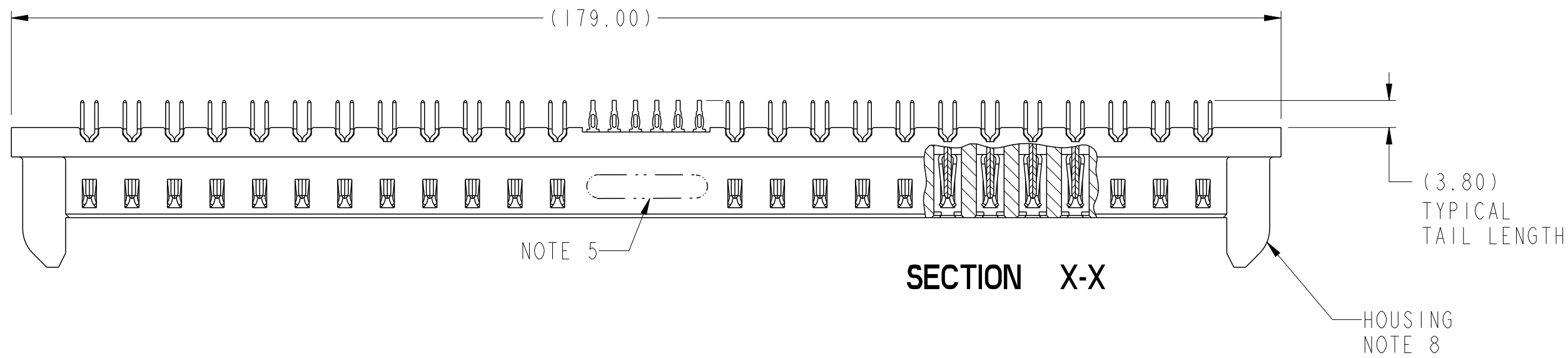
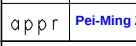
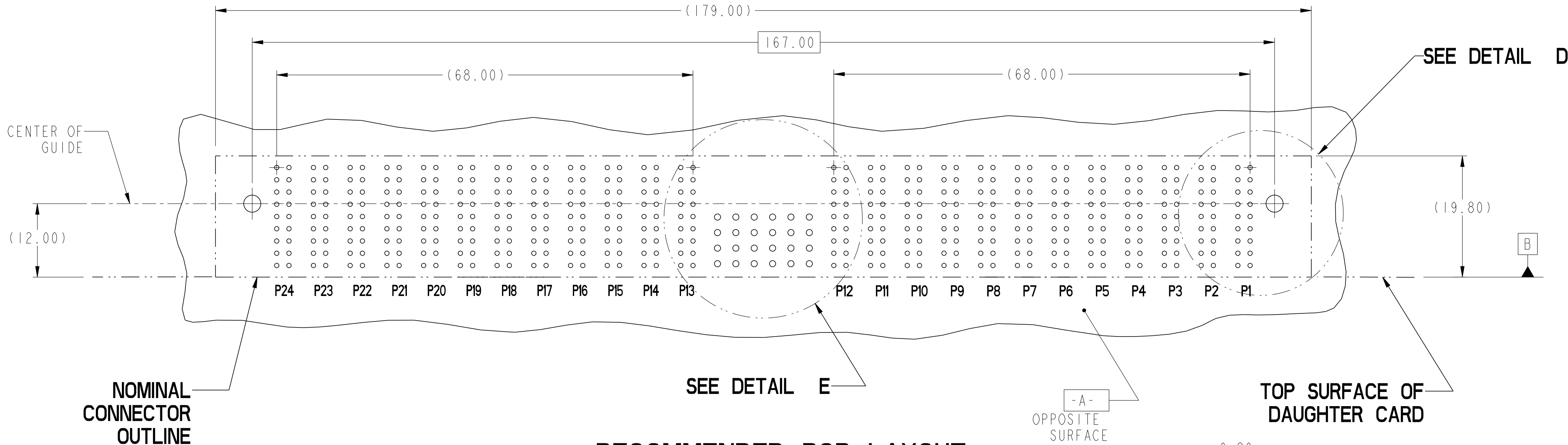


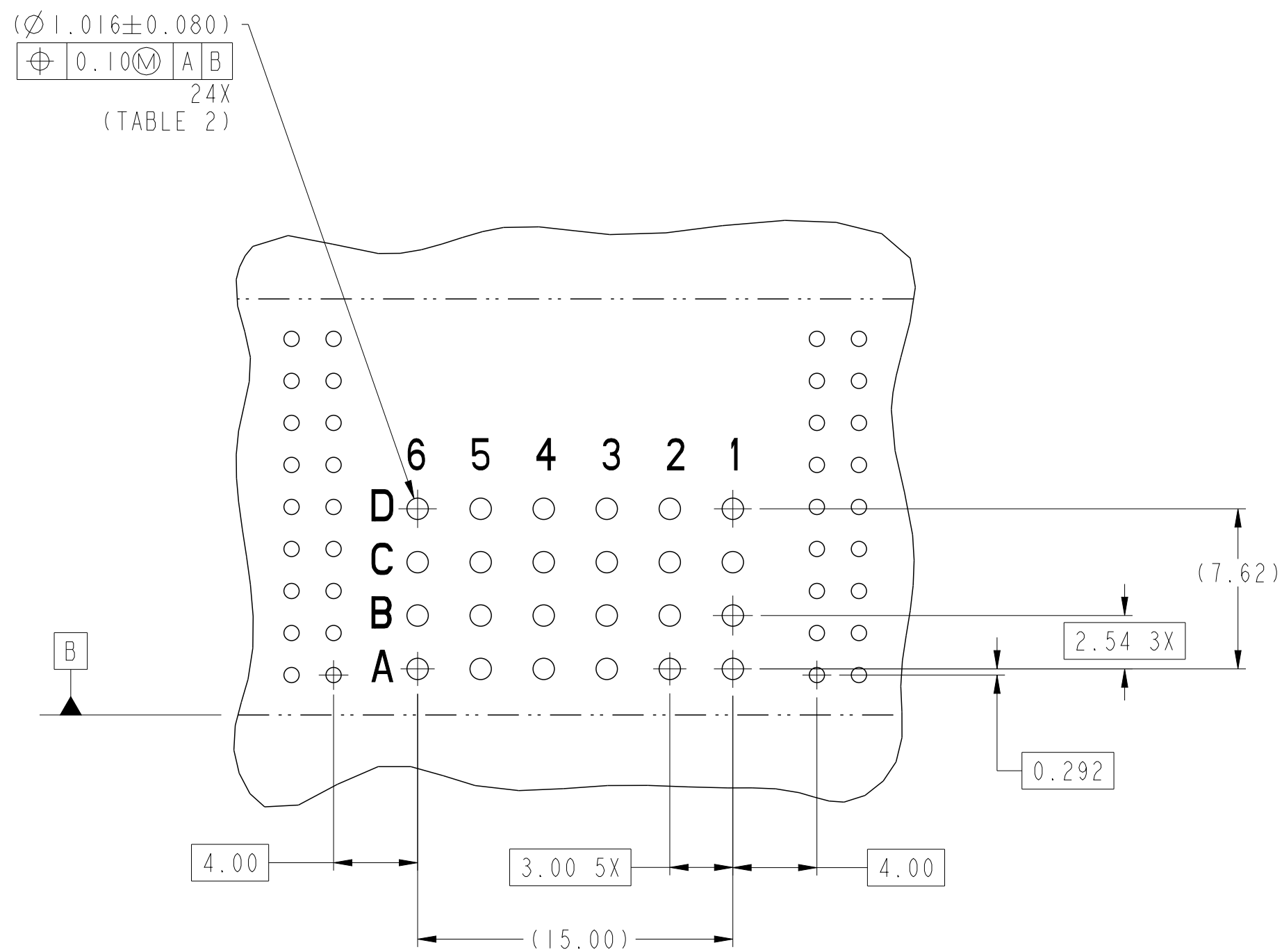


spec ref		*	dr		NotFound DuWa	2010/04/28	projection		MM		size	A2	scale	1:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng		De-Ming Lu	2014/12/28			ecn no		ELX-DG-19849-1								
ASME Y14.5			chr		-	-			rel level		Released								
		appr		Pei-Ming Zheng	2014/12/29	product family			HCI										
surface			linear			title			VERT RECPT 12DC-24S-12DG				dwg no		10084233		rev		C
ASME Y14.5		angular		0° ±2°		www.fci.com			cat. no.		-		Product- Customer Drw		sheet 1 of 4				

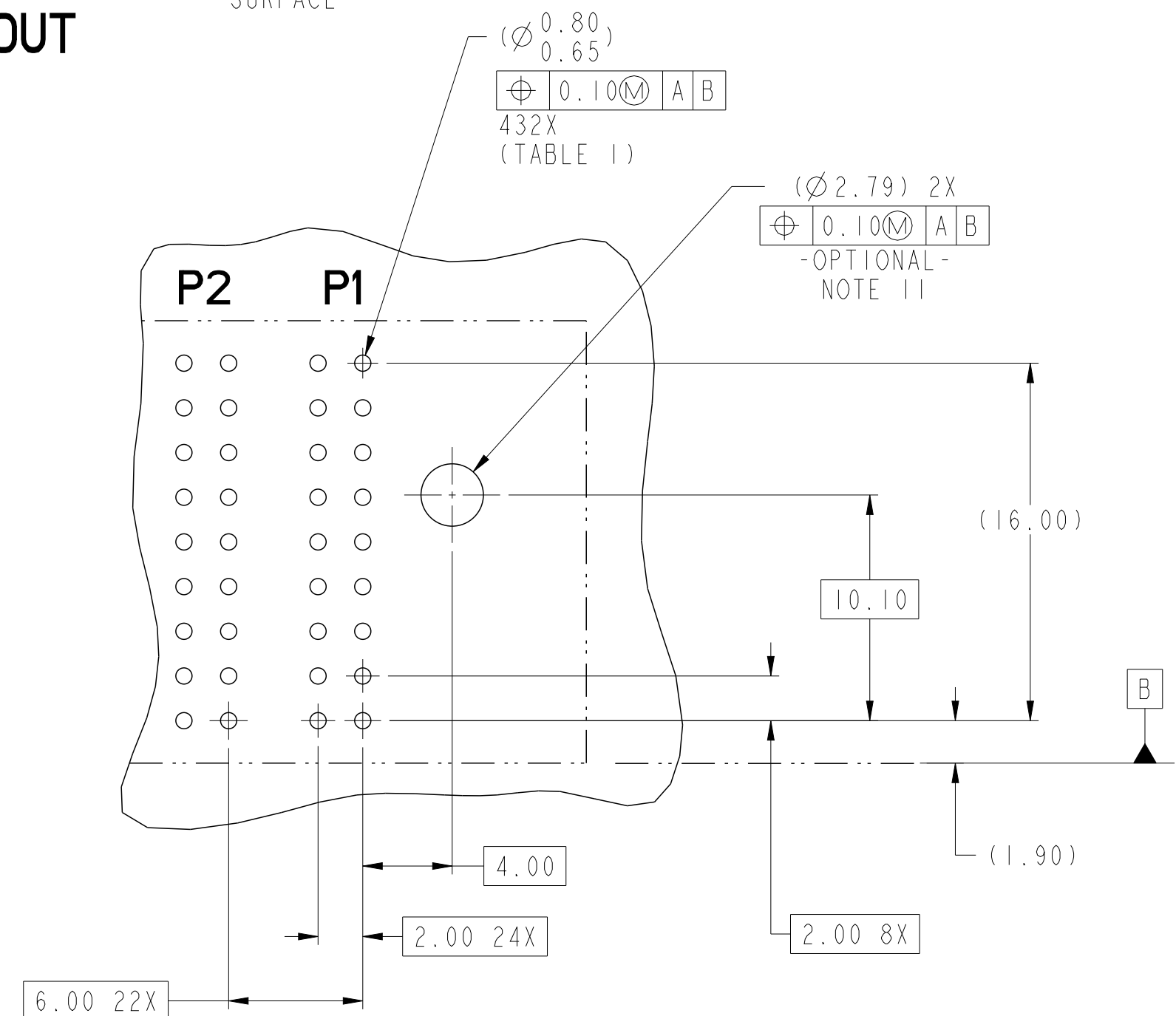


RECOMMENDED PCB LAYOUT COMPONENT SIDE

NOTE 6



DETAIL E
SCALE 4:1



DETAIL D
SCALE 4:1

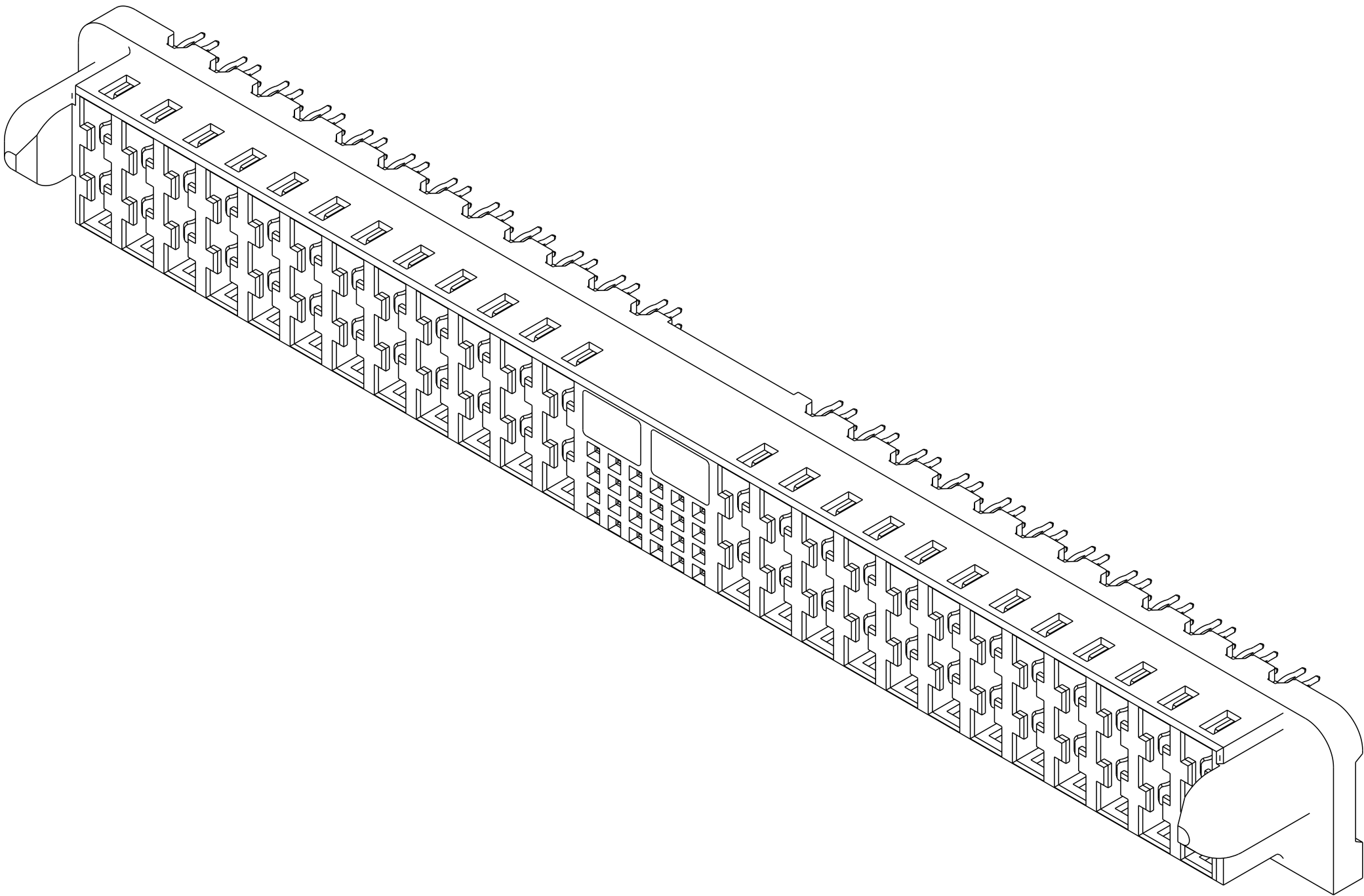
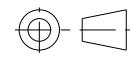
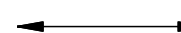
dr	Not Found DuWa	2010/04/28	projection	MM	size	A2	scale	3:1
eng	De-Ming Lu	2014/12/28			ecn no	ELX-DG-19848-1		
chr	-	-			rel level	Released		
appr	Pei-Ming Zheng	2014/12/29	product family	HCI				
FCI		title		VERT RECPT 12DC-24S-12DG		dwg no		10084233
www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4

PDS: Rev :C

STATUS:Released

Printed: Dec 30, 2014

	1	2	3	4	5	6	7	8	
A									A
B	TOP LAYER DESCRIPTION	TABLE 1 (HCl 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
PDS: Rev :C		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					
10084233-001		OPTIONAL	SnPb	PRESS-FIT					
10084233-001LF		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 projection  MM  size A2 scale 3:1 ecn no ELX-DG-19849-1 product family HCI rel level Released  title VERT RECPT 12DC-24S-12DG HCI POWER CONNECTOR dwg no 10084233 rev C www.fci.com cat. no. - Product - Customer Drw sheet 4 of 4 PDS: Rev :C STATUS:Released Printed: Dec 30, 2014									
2		3		4	5	PDS: Rev :C		STATUS:Released	
2		3		4	5	PDS: Rev :C		Printed: Dec 30, 2014	