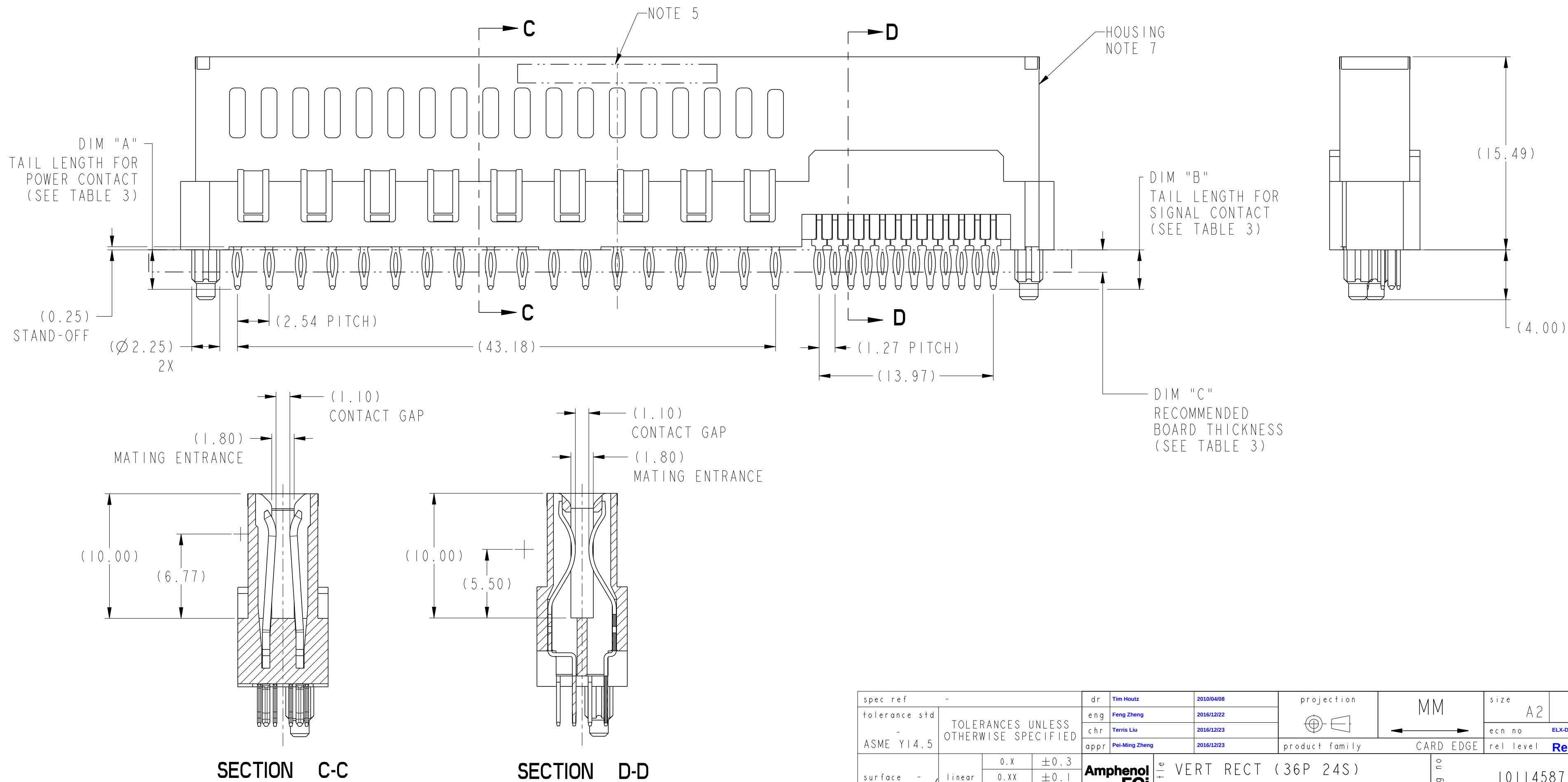
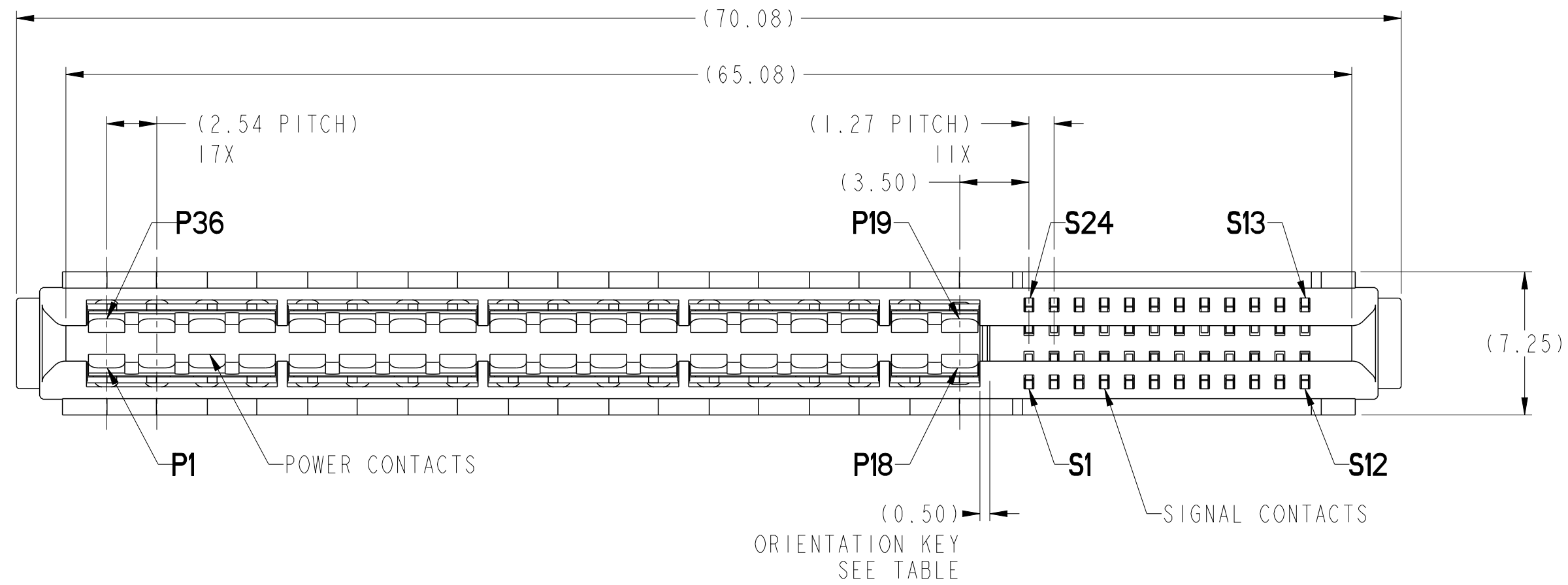
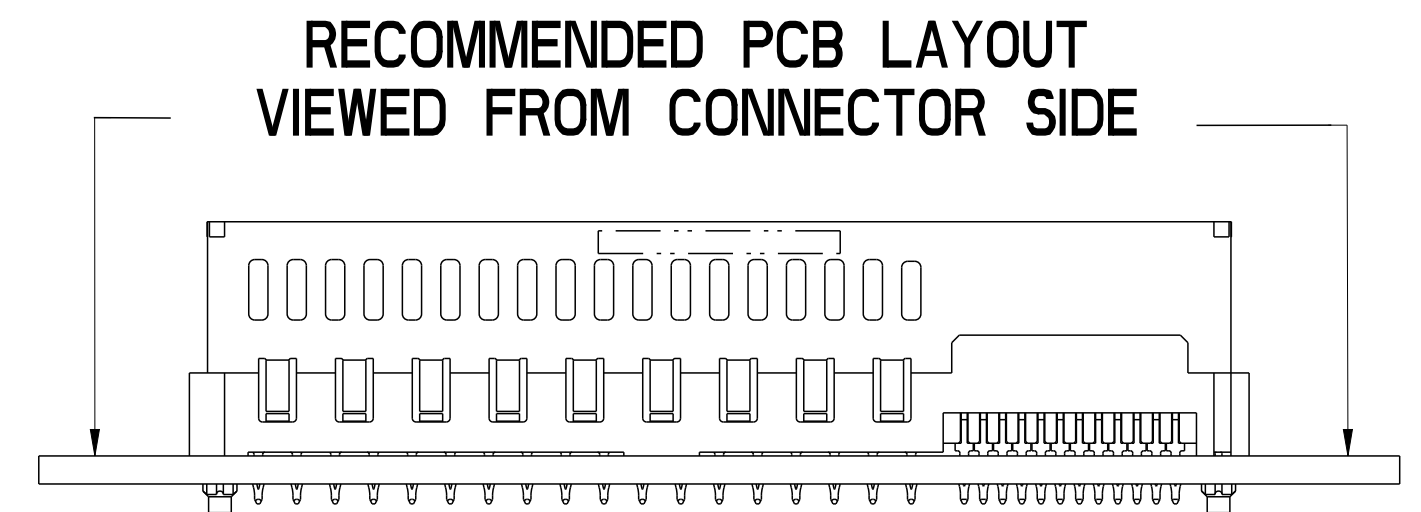
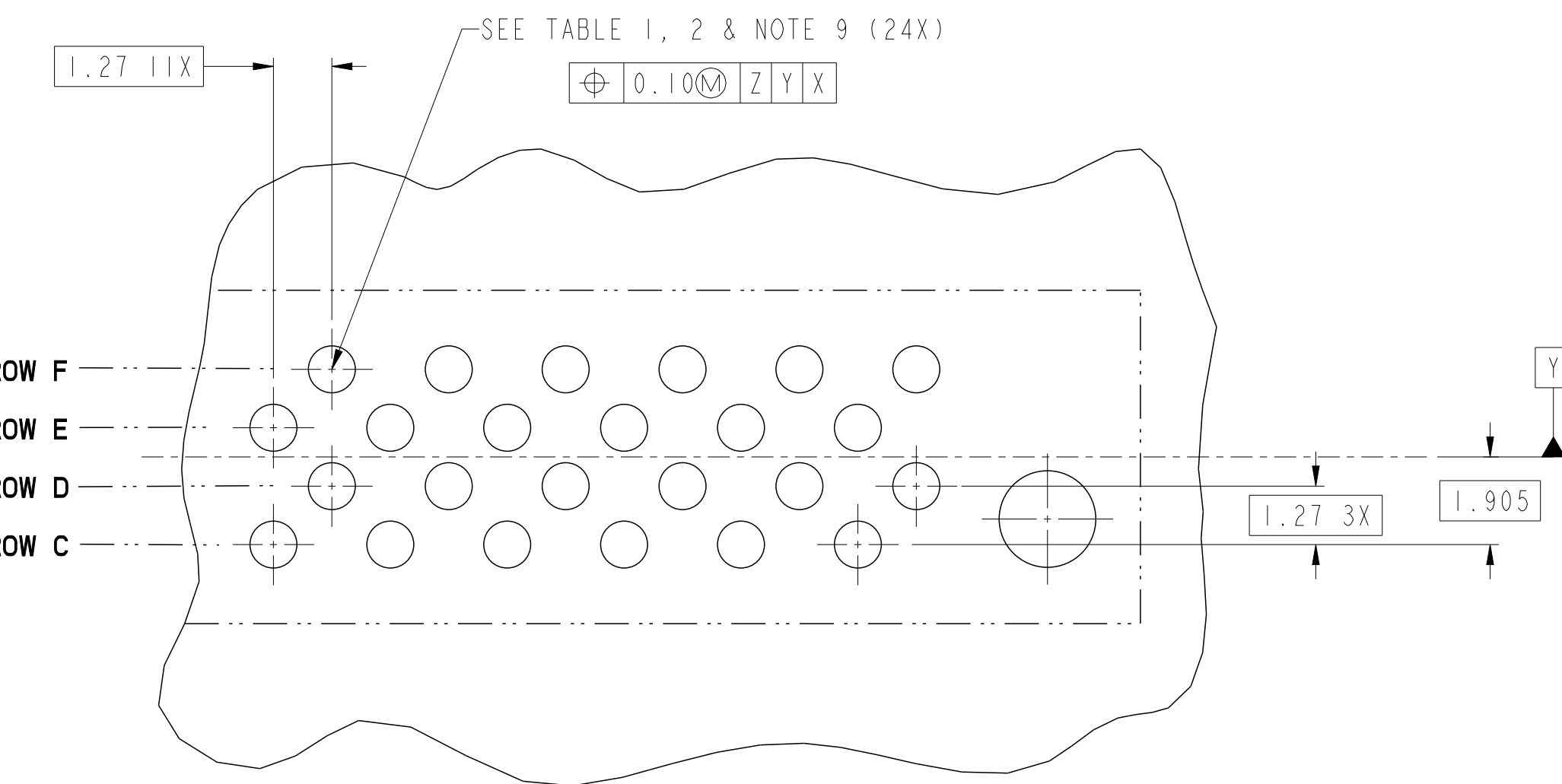


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spec ref		-		dr		Tim Houtz		2010/04/08		projection				MM		size		A2		scale		4:1	
tolerance std		-		eng		Feng Zheng		2016/12/22				MM		ecn no		ELX-DG-25730-1		rel level		Released			
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/12/23						product family		CARD EDGE							
				appr		Pei-Ming Zheng		2016/12/23															
surface		-		linear				title		VERT RECT (36P 24S)		dwg no		10114587		rev		C					
		0.X		±0.3																			
		0.XX		±0.1																			
ASME Y14.5				0.XXX		±0.05																	
		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw				sheet 1 of 4					



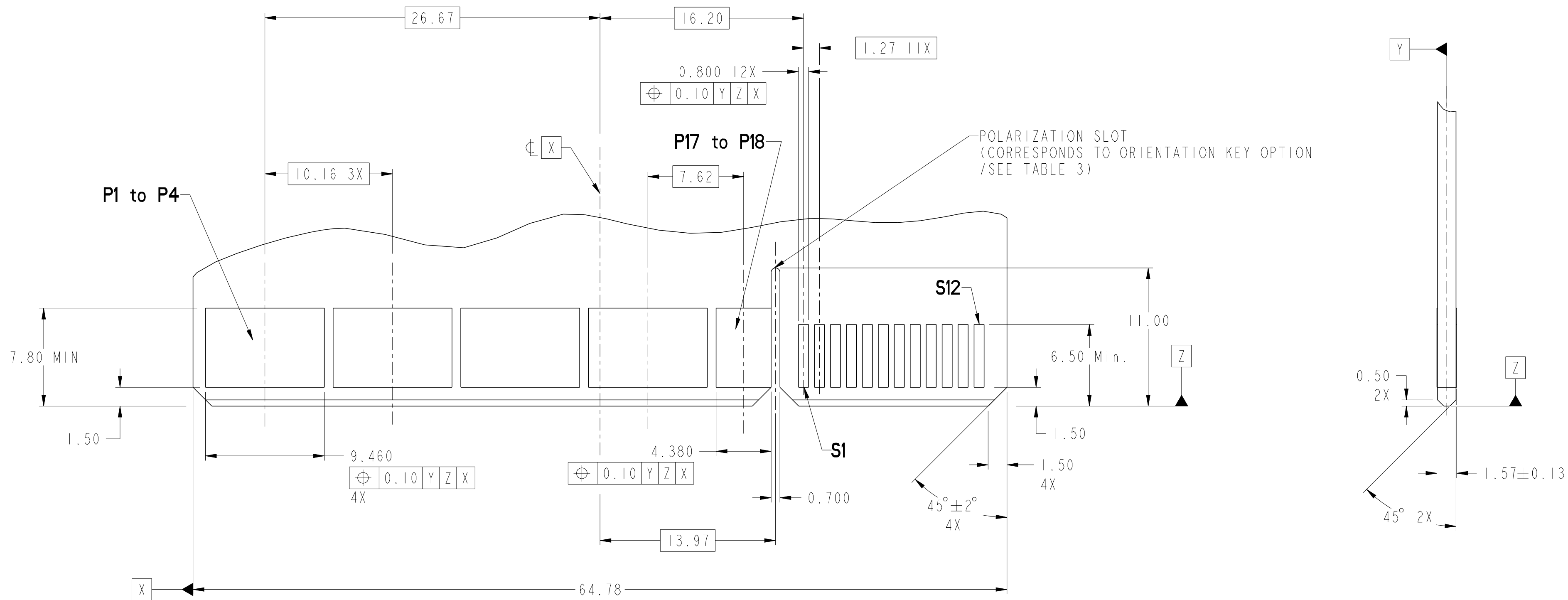
spec ref -		dr Tim Houtz		2010/04/08		projection				MM		size A2		scale 4:1	
tolerance std - ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Feng Zheng		2016/12/22						ecn no ELX-DG-25730-1			
				chr Terris Liu		2016/12/23						rel level Released			
				appr Pei-Ming Zheng		2016/12/23		product family		CARD EDGE					
surface - ✓ ASME Y14.5		linear		0.X ±0.3 0.XX ±0.1 0.XXX ±0.05		Amphenol FCI		title VERT RECT (36P 24S) HIGH POWER CARD EDGE		dwg no 10114587		rev C			
		angular 0° ±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4			

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CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	TIN-LEAD	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.94 - 1.10
	IMMERSION TIN	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.94 - 1.10
	COPPER (SEE NOTE 8)	1.10-1.16 (1.15 DRILL)	0.025 - 0.050	--	--	0.94 - 1.10

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 2 (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER & SIGNAL	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
	COPPER (SEE NOTE 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



RECOMMENDED MATING BOARD
FOOTPRINT

dr	Tim Houtz	2010/04/08	projection		MM 	size	A2	scale	4:1
eng	Feng Zheng	2016/12/22	product family			ecn no	ELX-DG-25730-1		
chr	Terris Liu	2016/12/23		CARD EDGE	rel level	Released			
appr	Pei-Ming Zheng	2016/12/23							
Amphenol FCI	title				dwg no	10114587			rev C
	VERT RECT (36P 24S) HIGH POWER CARD EDGE								
www.fci.com	cat. no.		-	Product - Customer Drw				sheet 3 of 4	

PDS: Rev :C

STATUS:Released

Printed: Dec 23, 2016

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HPCE PART NUMBER (TABLE 3)					
PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" TYPICAL TAIL LENGTH	DIM "C" RECOMMENDED BOARD THICKNESS
10114587-001LF	SOLDER	YES	3.17 ±0.25	3.17 ±0.25	1.59 - 2.38
10114587-002LF	SOLDER	NO			
10114587-003	PRESS-FIT	YES	3.17 ±0.25	3.17 ±0.25	1.57 MIN
10114587-003LF	PRESS-FIT	YES			
10114587-004	PRESS-FIT	NO			
10114587-004LF	PRESS-FIT	NO			
10114587-005LF 	SOLDER	YES	4.05 ±0.25	3.75 ±0.25	3.20±0.18
10114587-006LF 	SOLDER	NO			

NOTES:

1. CONNECTOR MATERIALS:

HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT

CONTACTS: HIGH PERFORMANCE COPPER ALLOY.

2. CONTACT FINISH REF. GS-12-604 SECTION 5.2.

3. PRODUCT SPECIFICATION: GS-12-604.

4. APPLICATION SPECIFICATION: GS-20-128.

5. PRODUCT MARKING (FCI - PART NUMBER & DATE CODE) ON HOUSING IN AREA SHOWN.

6. PACKAGING MEETS FCI SPECIFICATION GS-14-937.

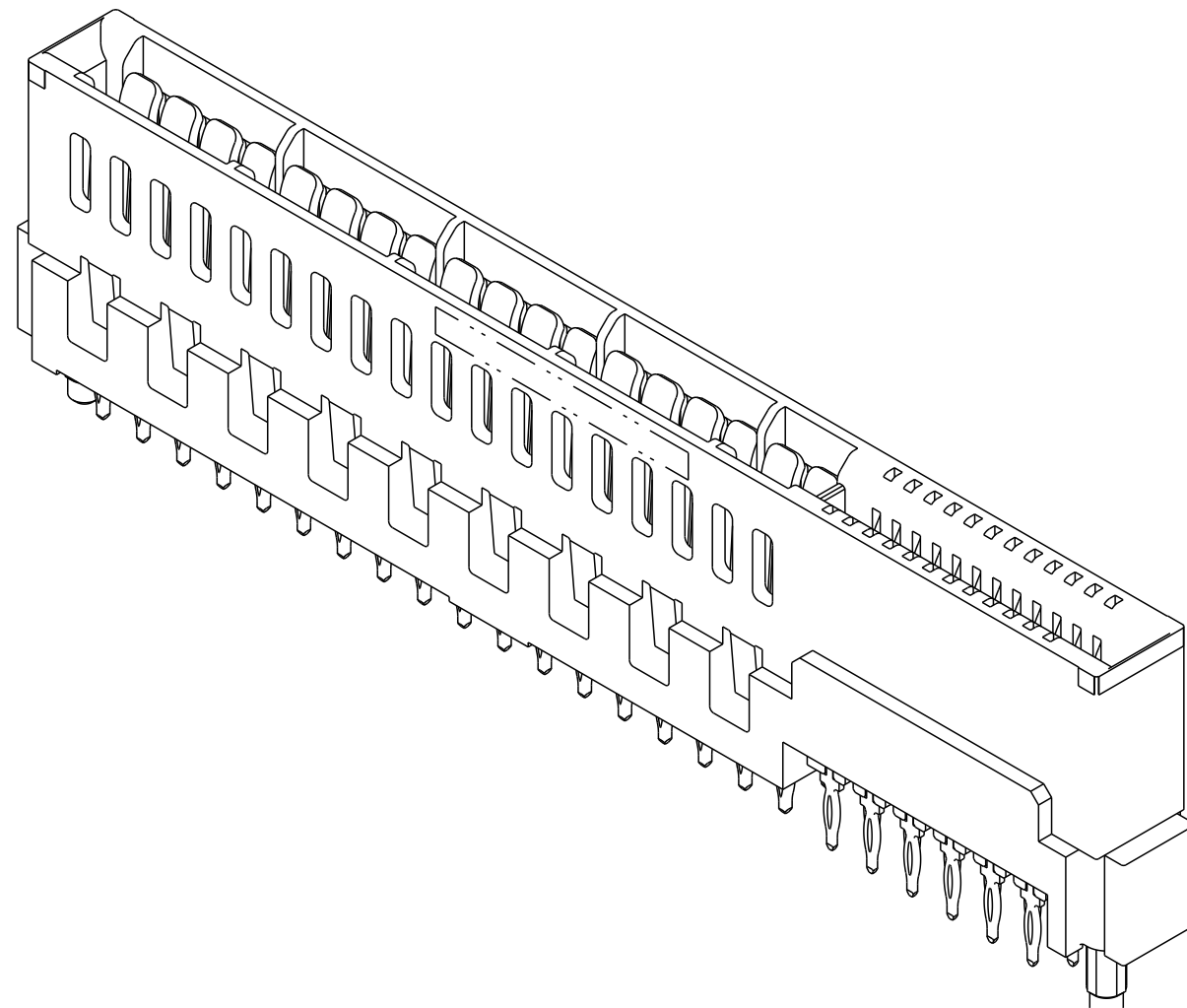
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.

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

9. ALL HOLE SIZES ARE FINISHED HOLE SIZES.

10. MOUNTING HOLES ARE UNPLATED
Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS
Ø 2.10 +/- 0.1 FOR SOLDER TAILS

11. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



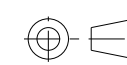
drTim Houtz2010/04/08

engFeng Zheng2016/12/22

chrTerris Liu2016/12/23

apprPei-Ming Zheng2016/12/23

projection



MM

←→

sizeA2

scale4:1

ecn noELX-DG-25730-1

rel levelReleased

product familyCARD EDGE

titleVERT RECT (36P 24S)
HIGH POWER CARD EDGE

dwg no10114587

revC

www.fci.com

cat. no.-

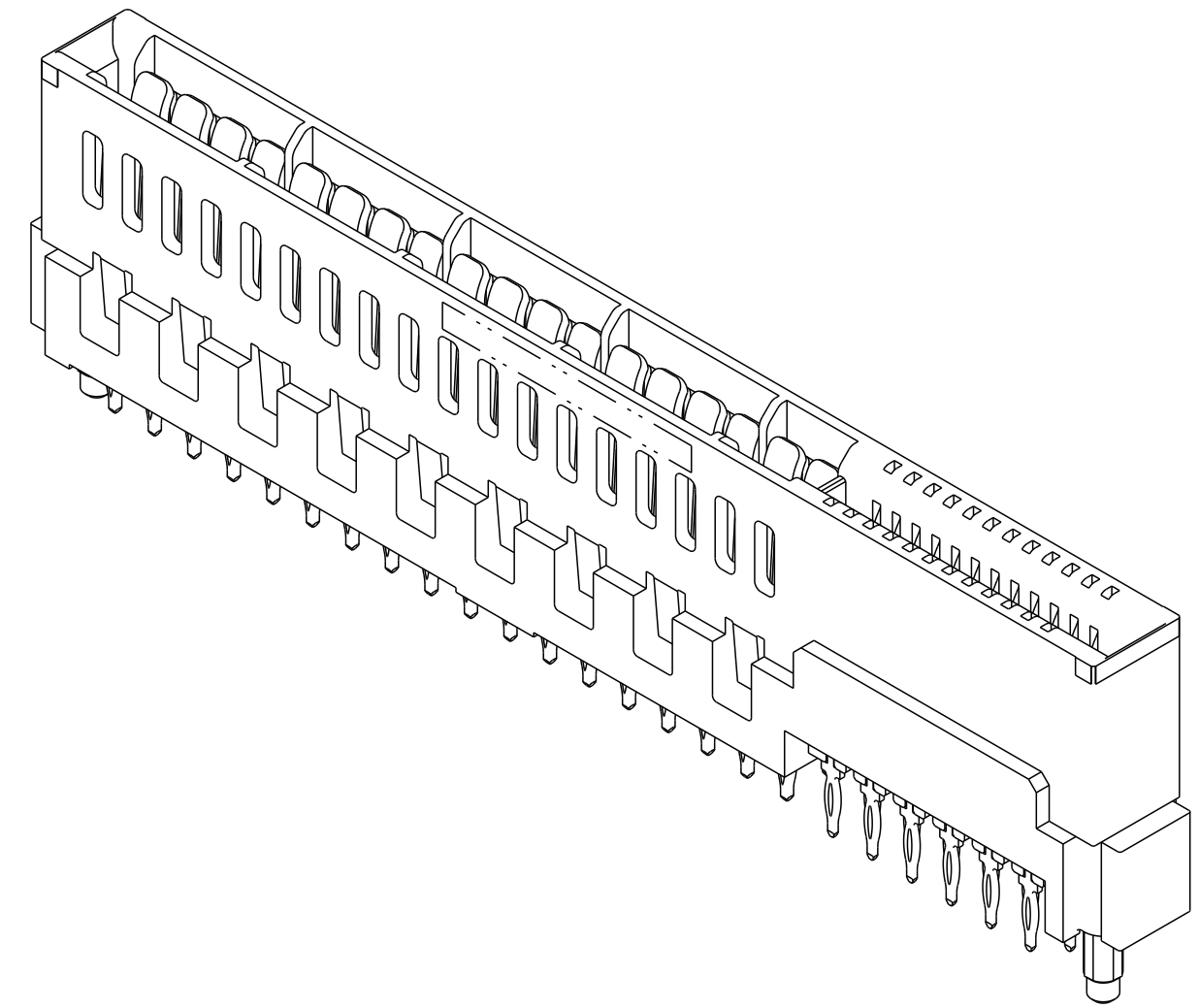
Product - Customer Drw

sheet 4 of 4

PDS: Rev :C

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