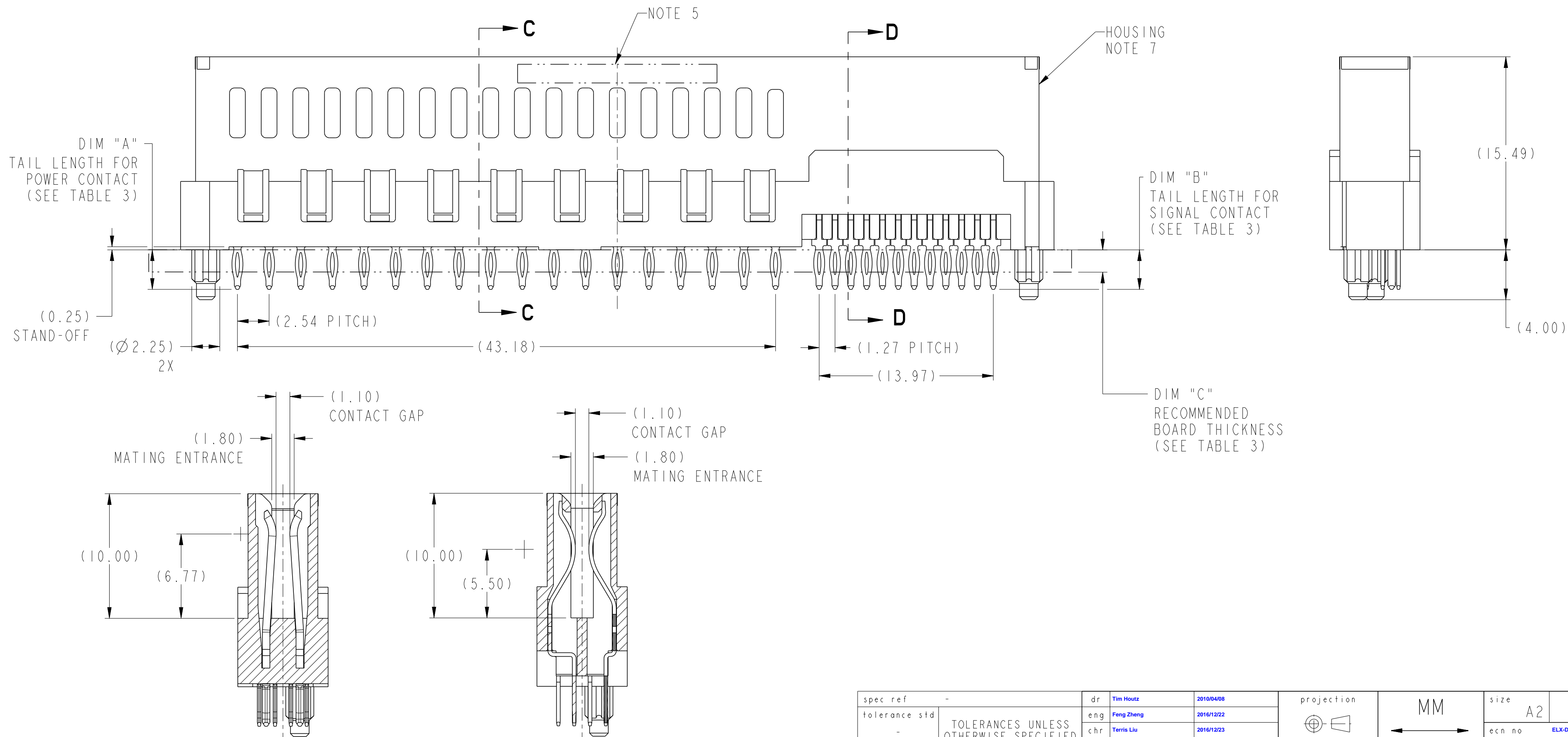
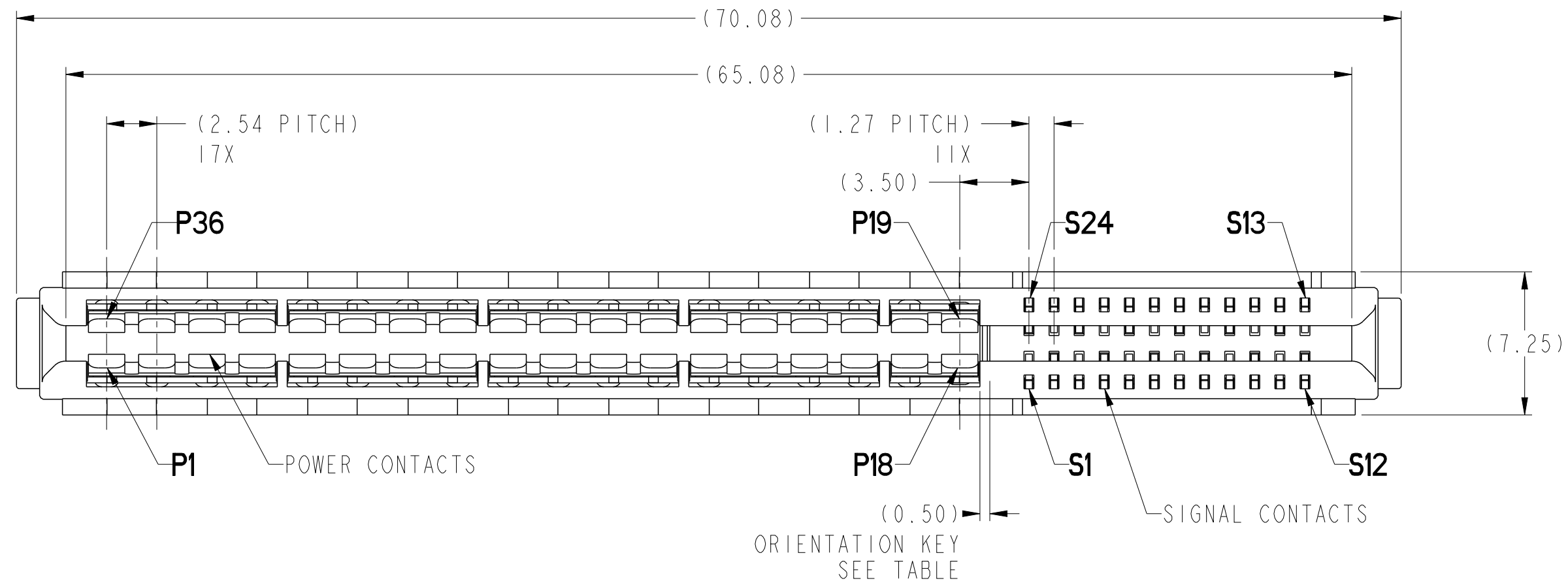
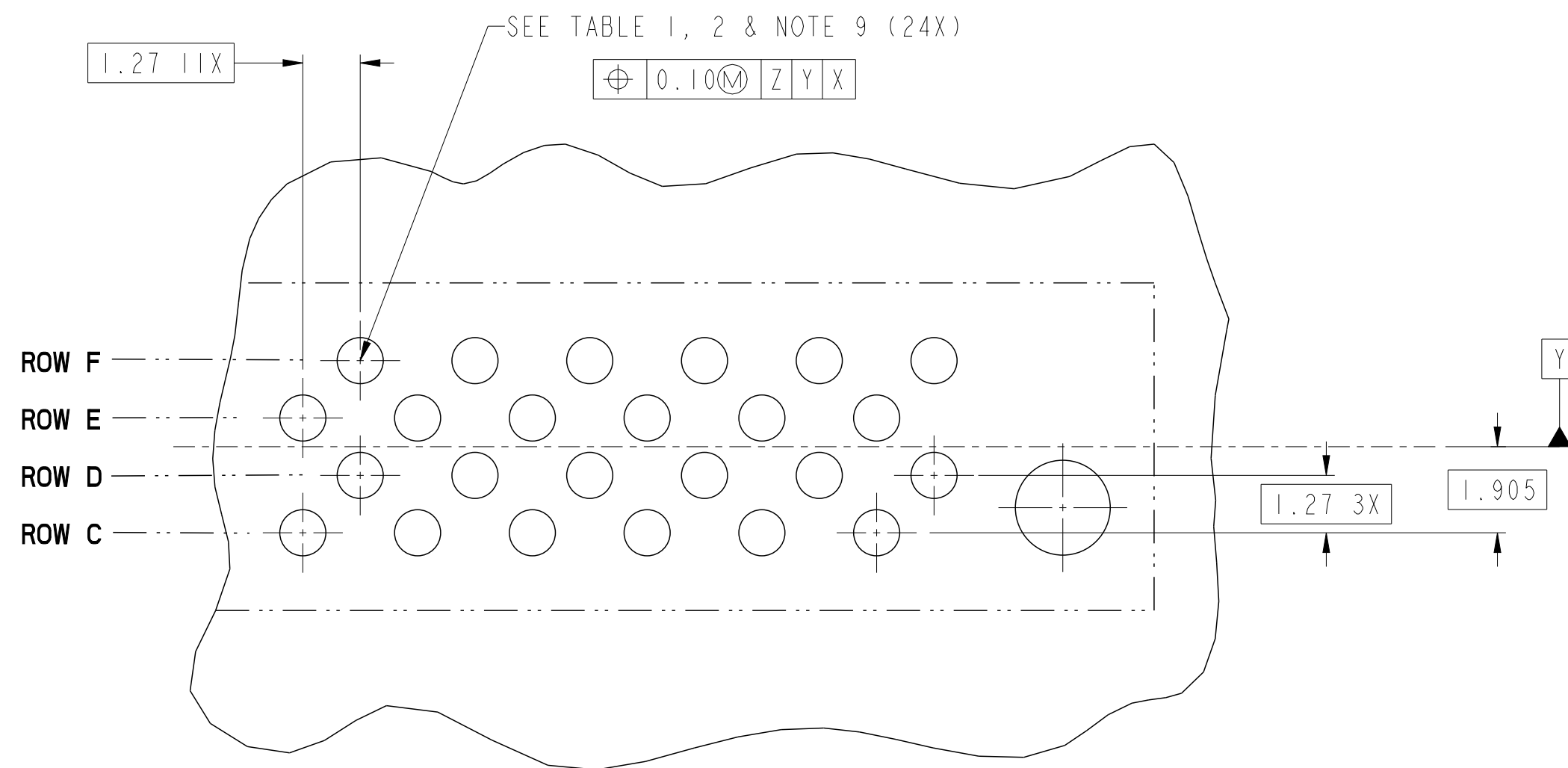
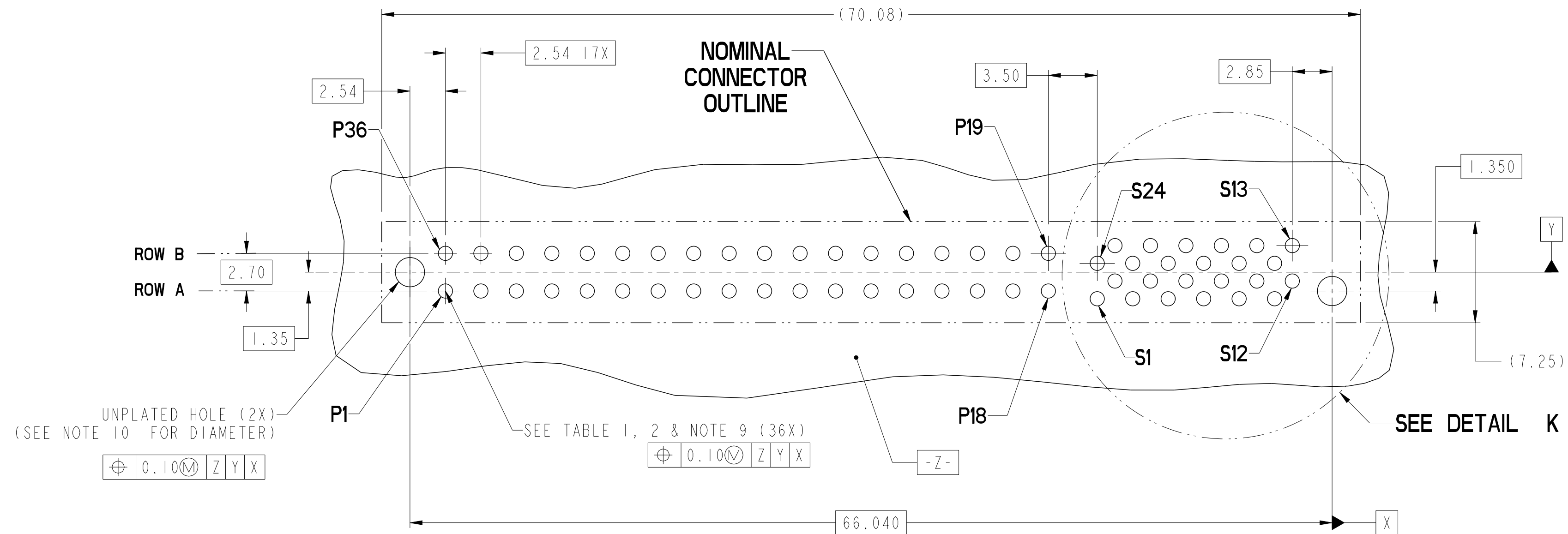


A
B
C
D
E
F

SECTION C-C

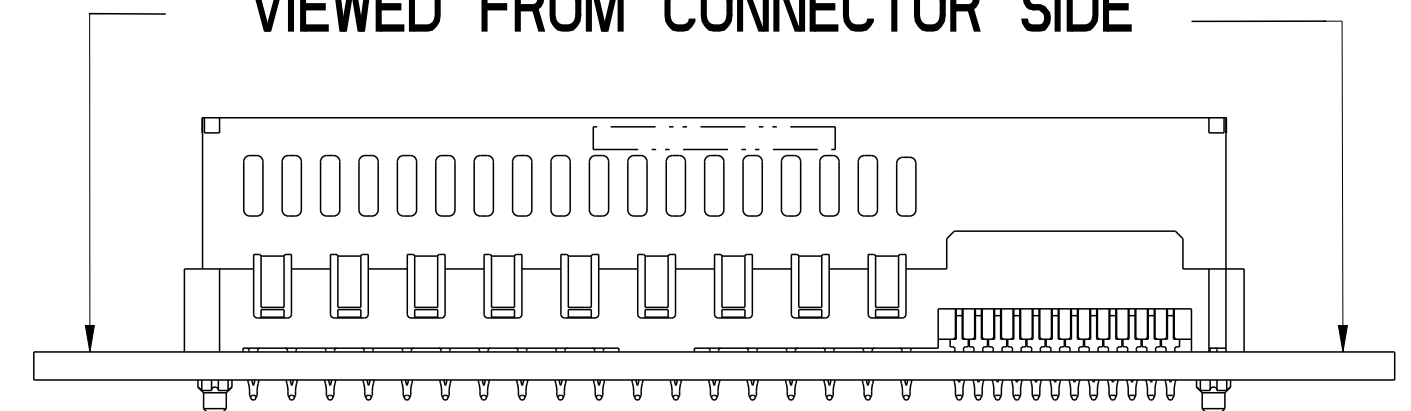
SECTION D-D

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						
surface	-	appr	Pei-Ming Zheng	2016/12/23						
ASME Y14.5	linear	0.X	±0.3	0.XX	±0.1	0.XXX	±0.05	angular	0°	±2°
		Amphenol FCI		title		VERT RECT (36P 24S)		dwg no		10114587
		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 4



DETAIL K
SCALE 8:1

RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE



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

A

B



C

D

E

F

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.

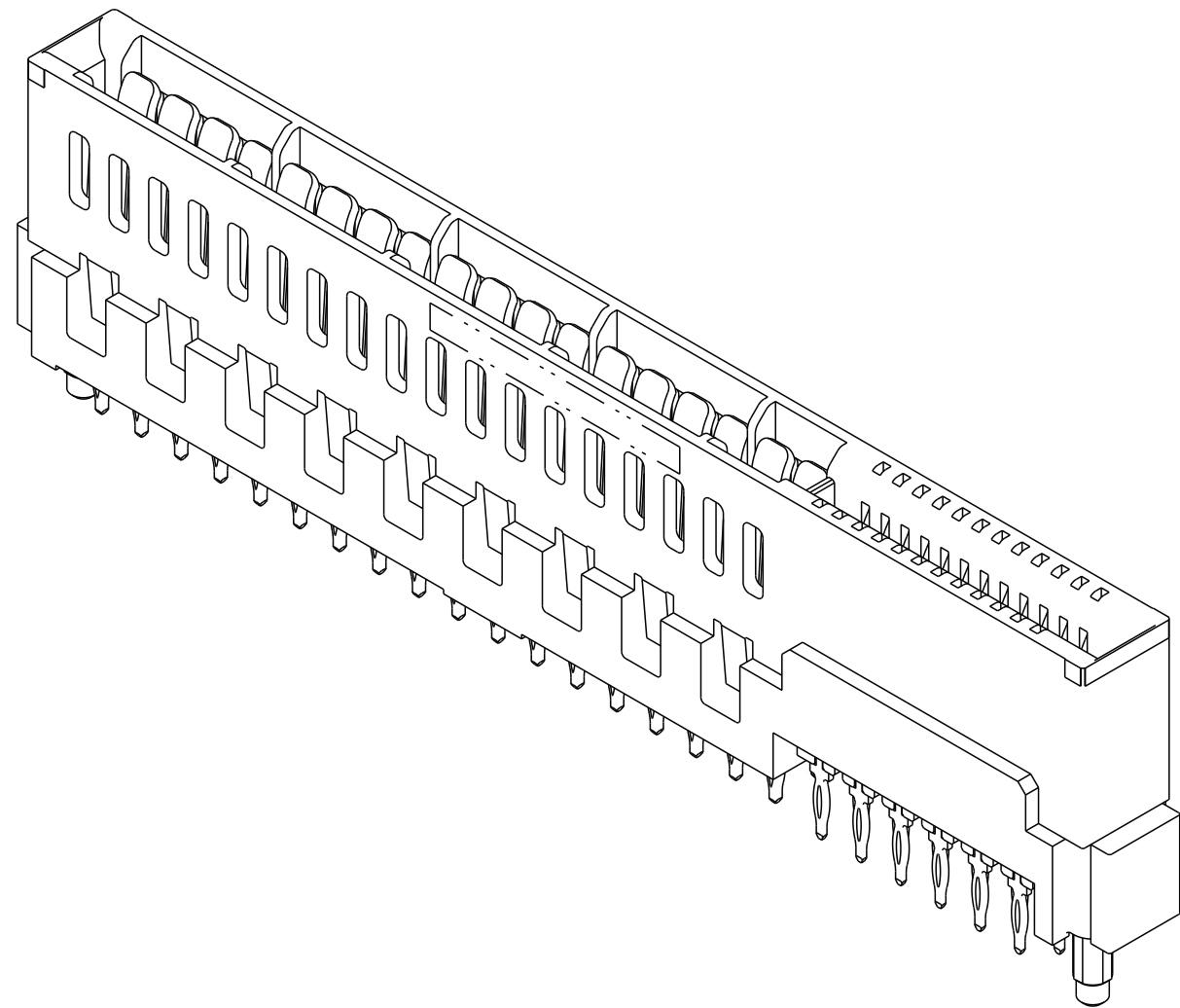
7. HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.


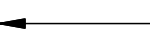
8. COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.

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.



dr	Tim Houze	2010/04/06	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A2	scale	4:1	
eng	Feng Zheng	2016/12/22			CARD EDGE	rel level	Released		
chr	Terris Liu	2016/12/23							
appr	Pei-Ming Zheng	2016/12/23							
Amphenol FCI		title			dwg no		rev		
		VERT RECT (36P 24S) HIGH POWER CARD EDGE			10114587		C		
www.fci.com		cat. no.		-	Product - Customer Drw			sheet 4 of 4	