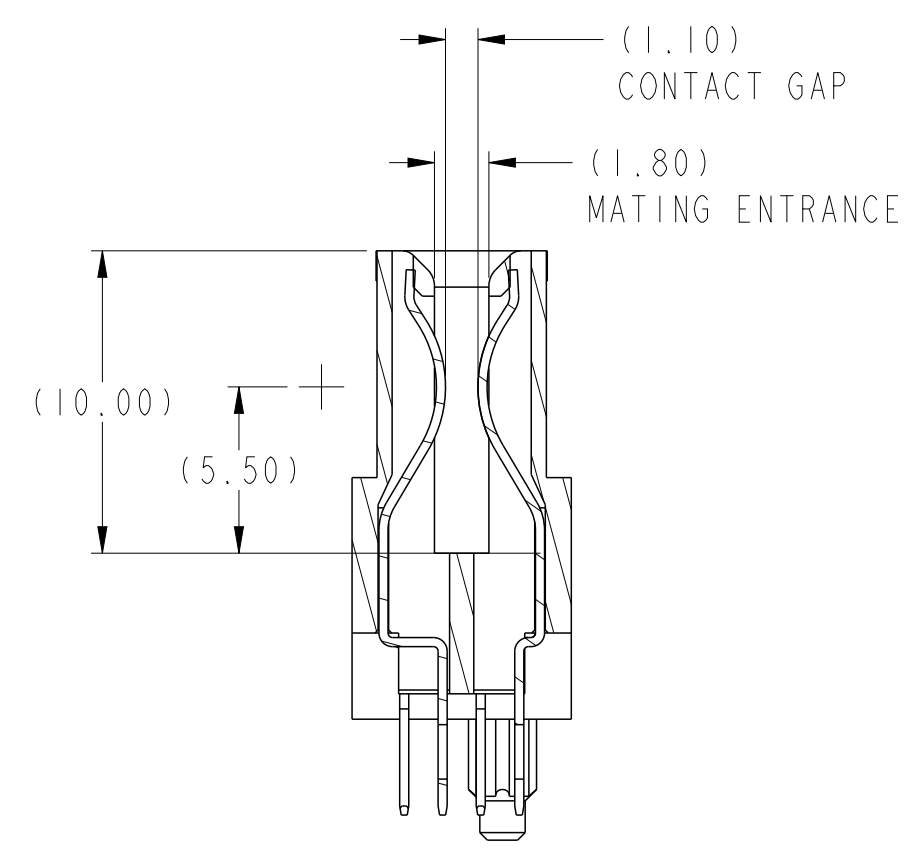
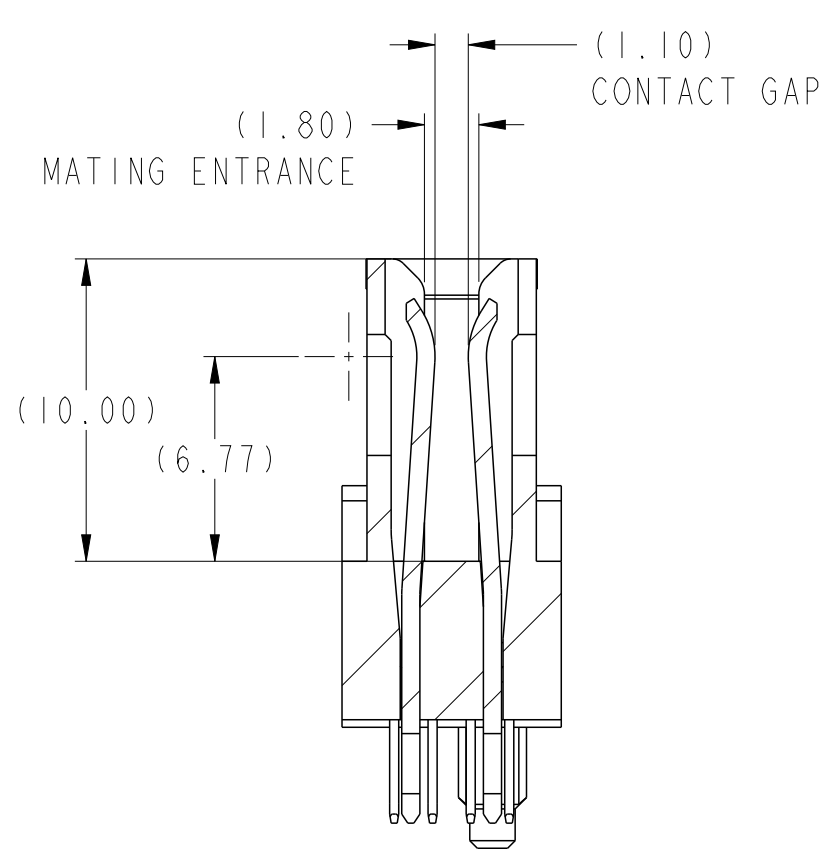
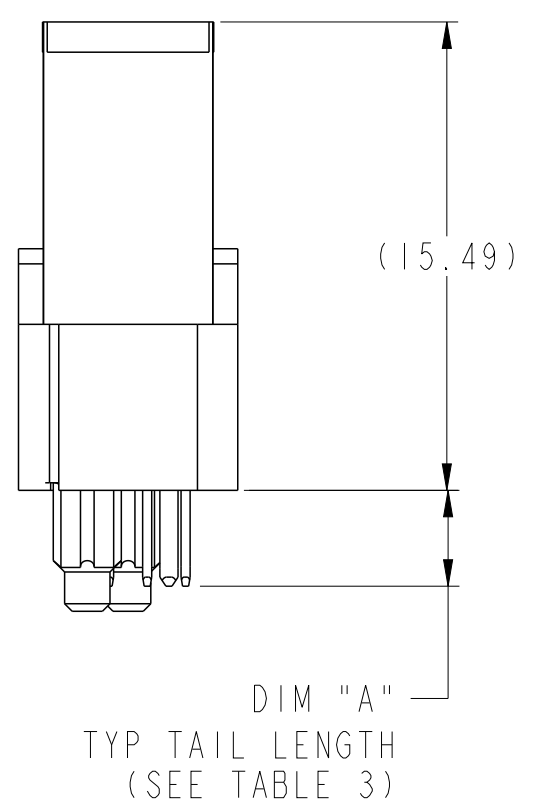
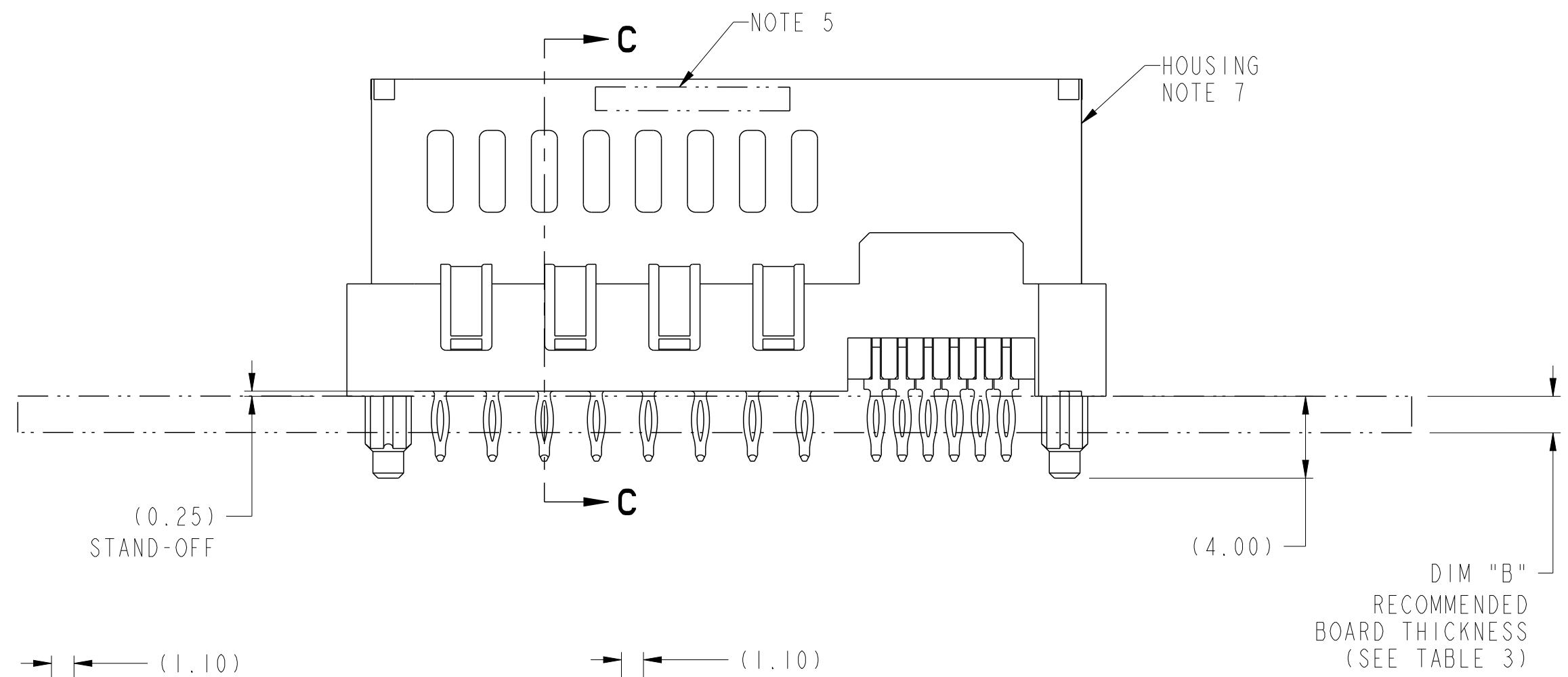
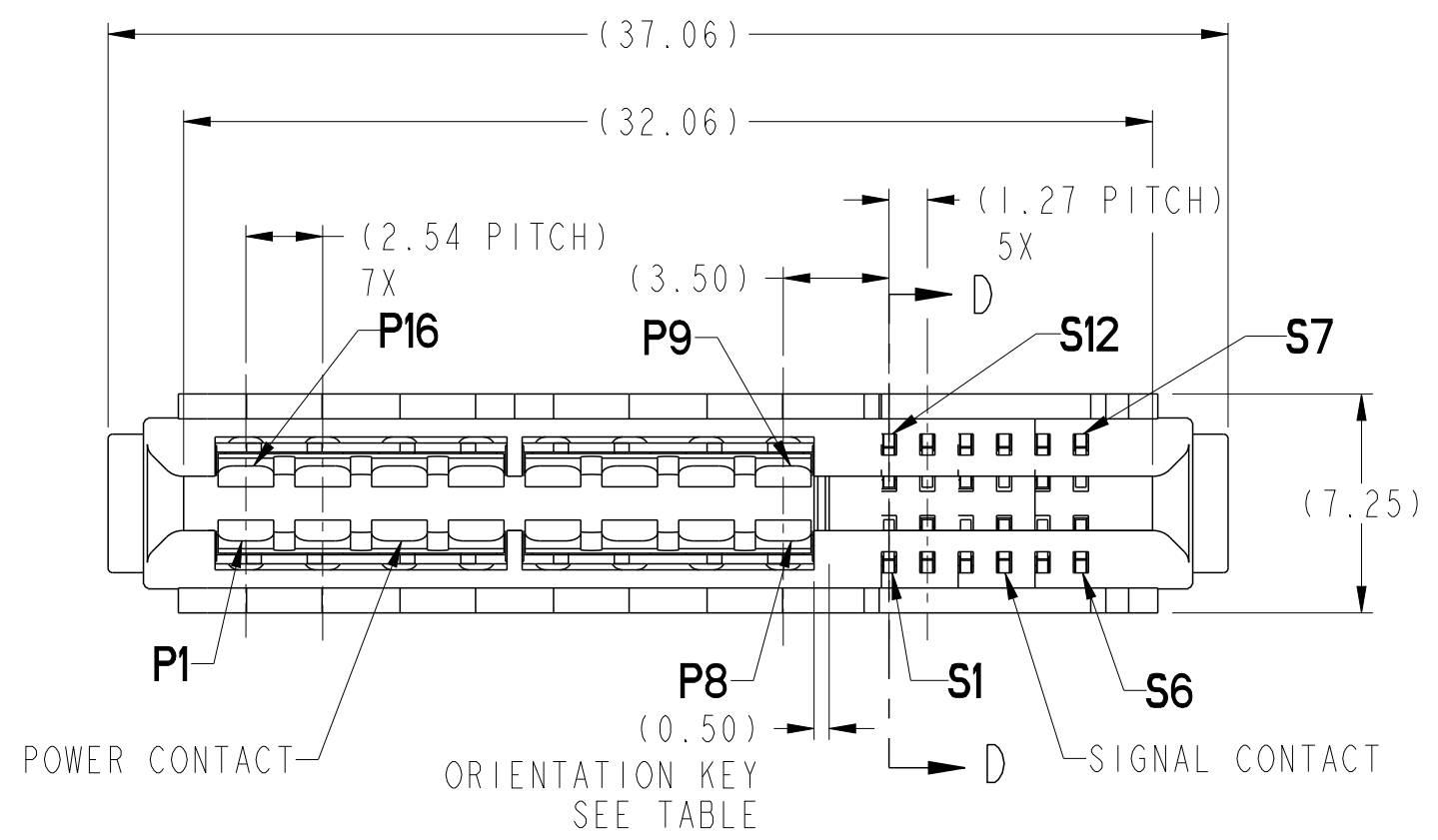
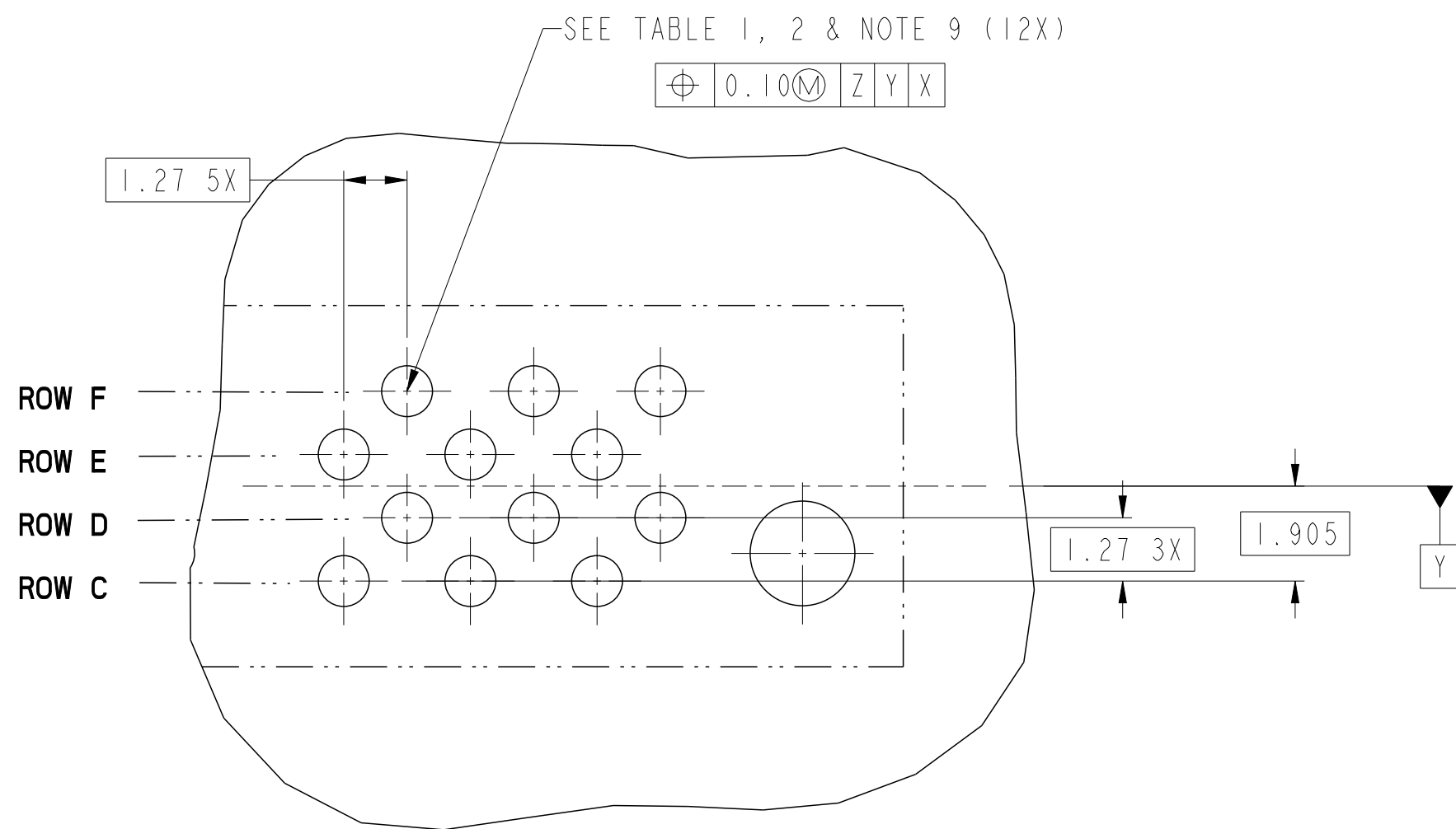
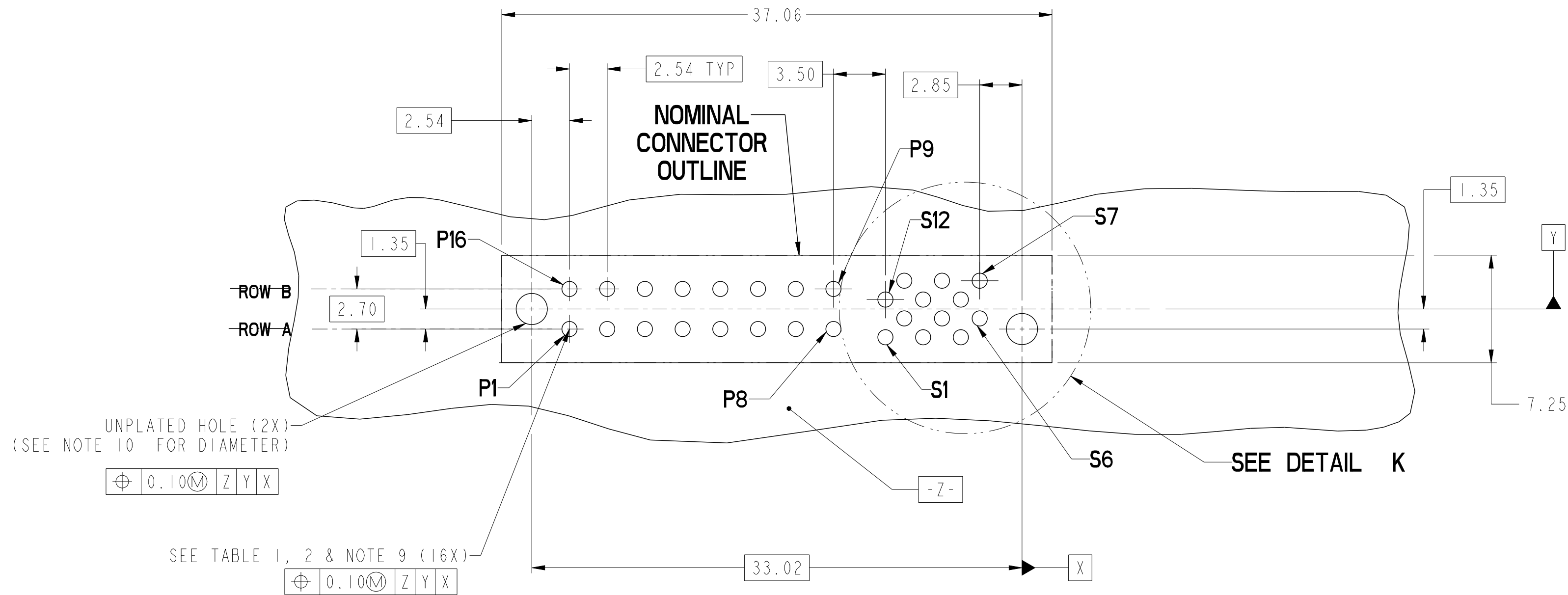




SECTION C-C

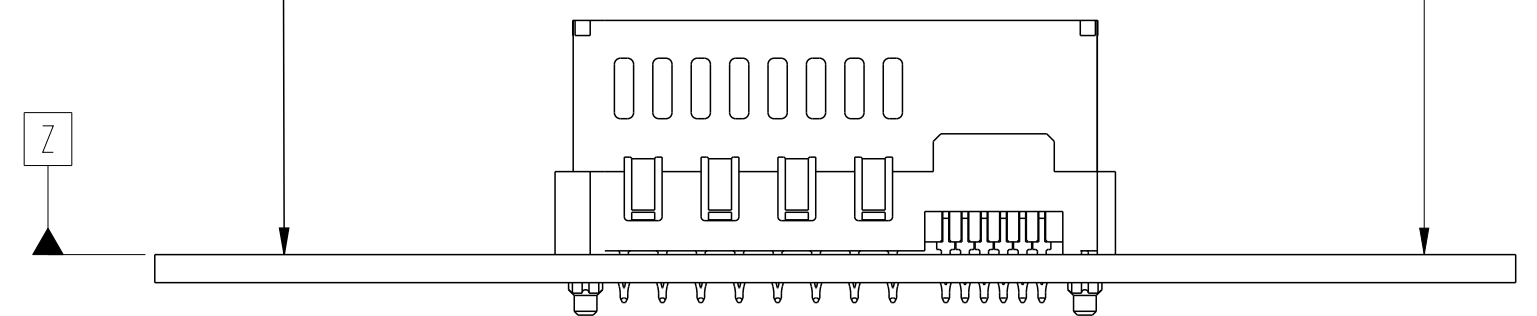
SECTION D-D

spec ref		-		dr		Wei-Long Zhang		2011/02/16		projection		MM		size		A2		scale		4:1			
tolerance std		-		eng		Sunny2 Liu		2016/05/17						ecn no		ELX-DG-24036-1							
ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2016/05/20						rel level		Released							
				appr		Pei-Ming Zheng		2016/05/24						product family		CARD EDGE							
surface		-		linear		0.X		±0.50		Amphenol FCI		title		VERT RECT (16P-12S)		dwg no		10117036		rev		C	
				0.XX		±0.25																	
ASME Y14.5				0.XXX		±0.13																	
				angular		0°		±2°		cat. no.		-		Product - Customer Drw		sheet 1 of 4							



DETAIL K
SCALE 8:1

RECOMMENDED PCB LAYOUT VIEWED FROM CONNECTOR SIDE



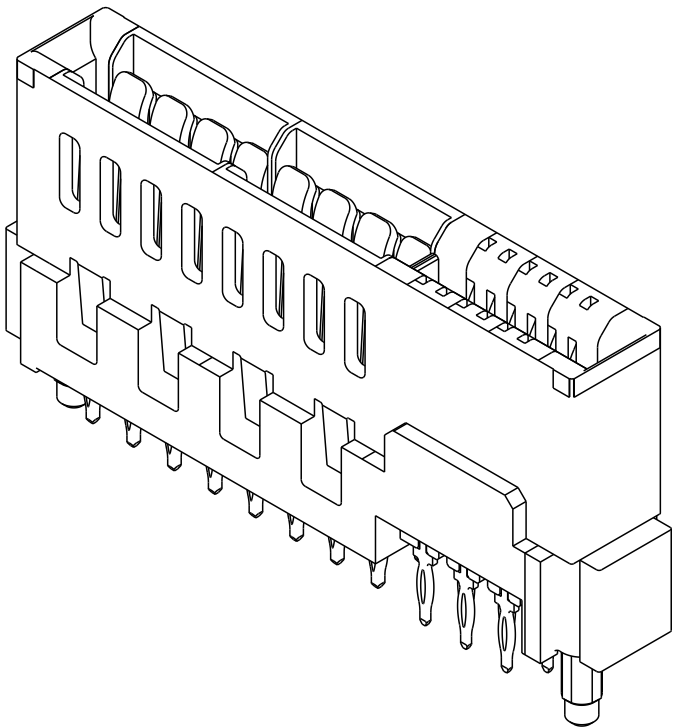
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tolerance std		-	eng		Sunny2 Liu		2016/09/17						ecn no		ELX-DG-24036-1		rel level		Released	
ASME Y14.5		chr		Terris Liu		2016/09/20														
		appr		Pei-Ming Zheng		2016/05/24														
surface		✓	linear		Amphenol FCI		title		VERT RECT (16P-12S)		dwg no		10117036		rev		C			
			0.X																±0.50	
			0.XX																±0.25	
ASME Y14.5			0.XXX		±0.13				cat. no.		-		Product - Customer Drw		sheet 2 of 4					

PDS: Rev :C

STATUS:Released

Printed: May 24, 2016

HPCE PART NUMBER (TABLE 3)				
PART NUMBER	TAIL TYPE	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
10117036-001LF	SOLDER	YES	3.17 ±0.25	1.59 - 2.38
10117036-002LF	SOLDER	NO		
10117036-003	PRESS-FIT	YES	3.17 ±0.25	1.57 MIN
10117036-003LF	PRESS-FIT	YES		
10117036-004	PRESS-FIT	NO		
10117036-004LF	PRESS-FIT	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 ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
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.

spec ref-		drWei-Long Zhang	2011/02/16	projection ⊕ MM	sizeA2	scale4:1
tolerance std-	TOLERANCES UNLESS OTHERWISE SPECIFIED	engSunny2 Liu	2016/09/17		ecn noELX-DG-24036-1	
ASME Y14.5		chrTerris Liu	2016/09/20		rel levelReleased	
		apprPei-Ming Zheng	2016/09/24		product familyCARD EDGE	
surface	linear	Amphenol FCi		titleVERT RECT (16P-12S) HIGH POWER CARD EDGE		dwg no10117036
ASME Y14.5						
	angular					
		cat. no.	-	Product - Customer Drw		sheet 4 of 4