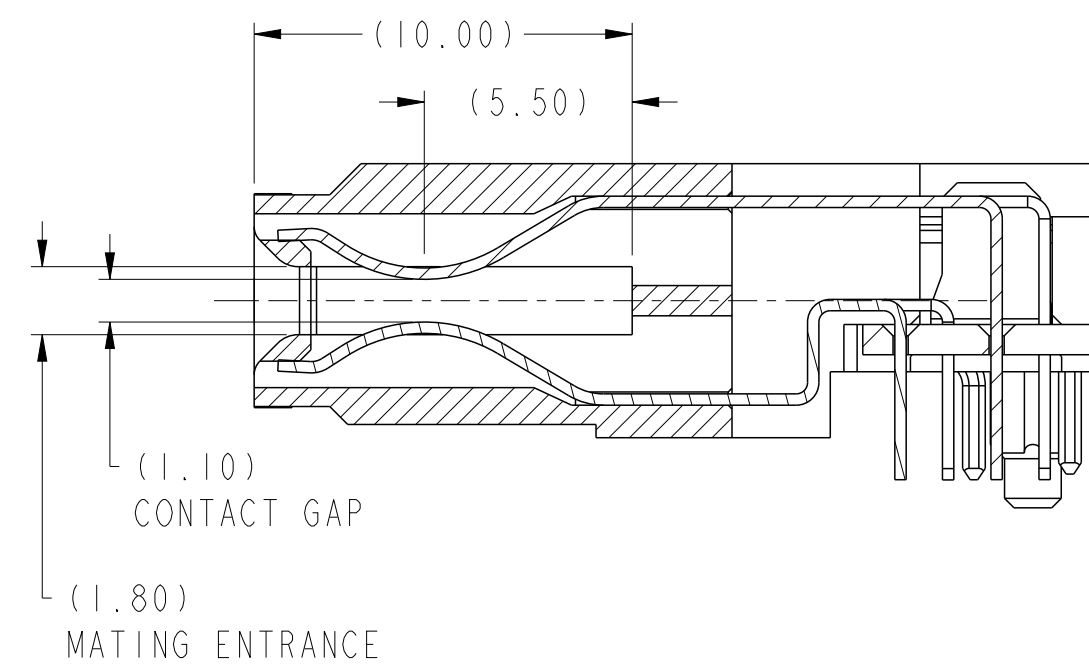
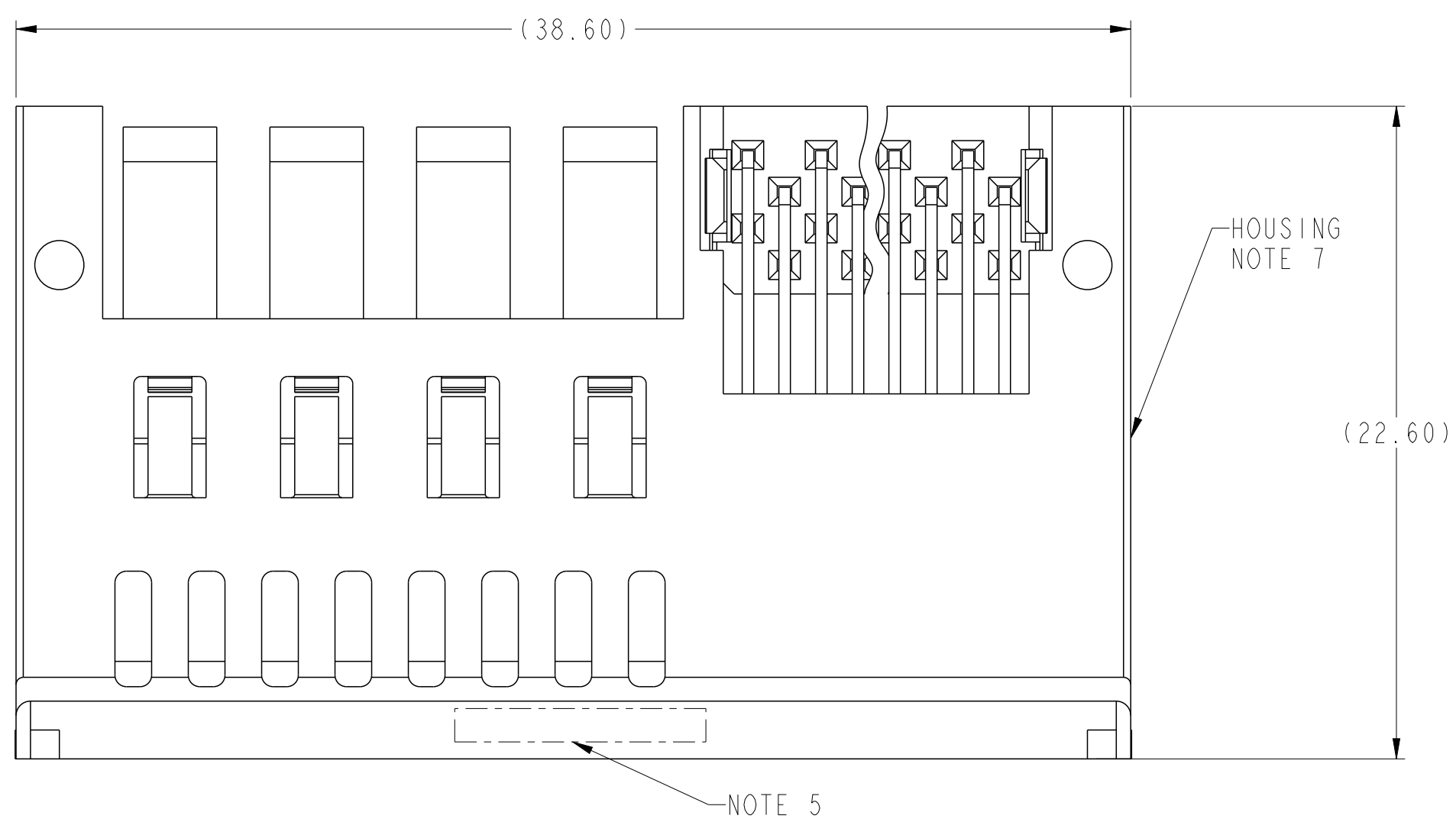
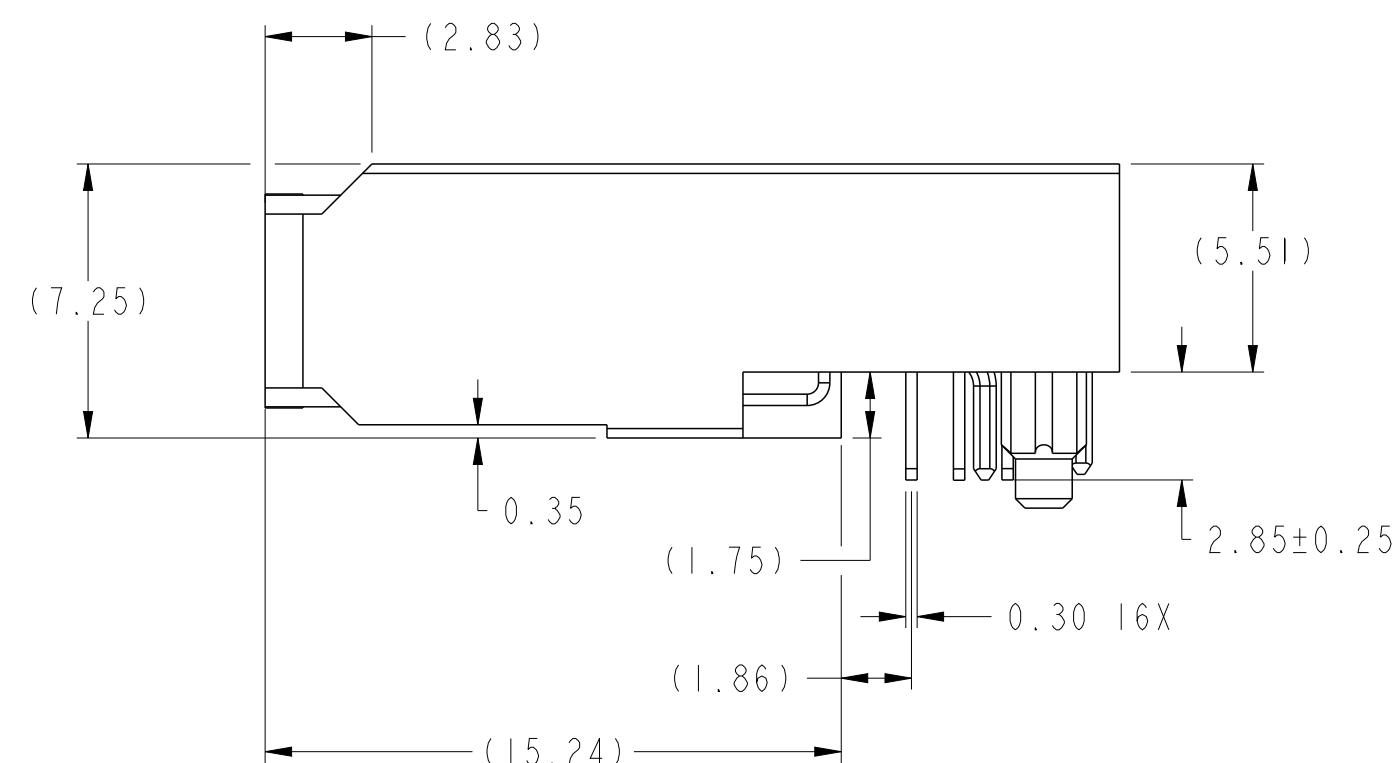
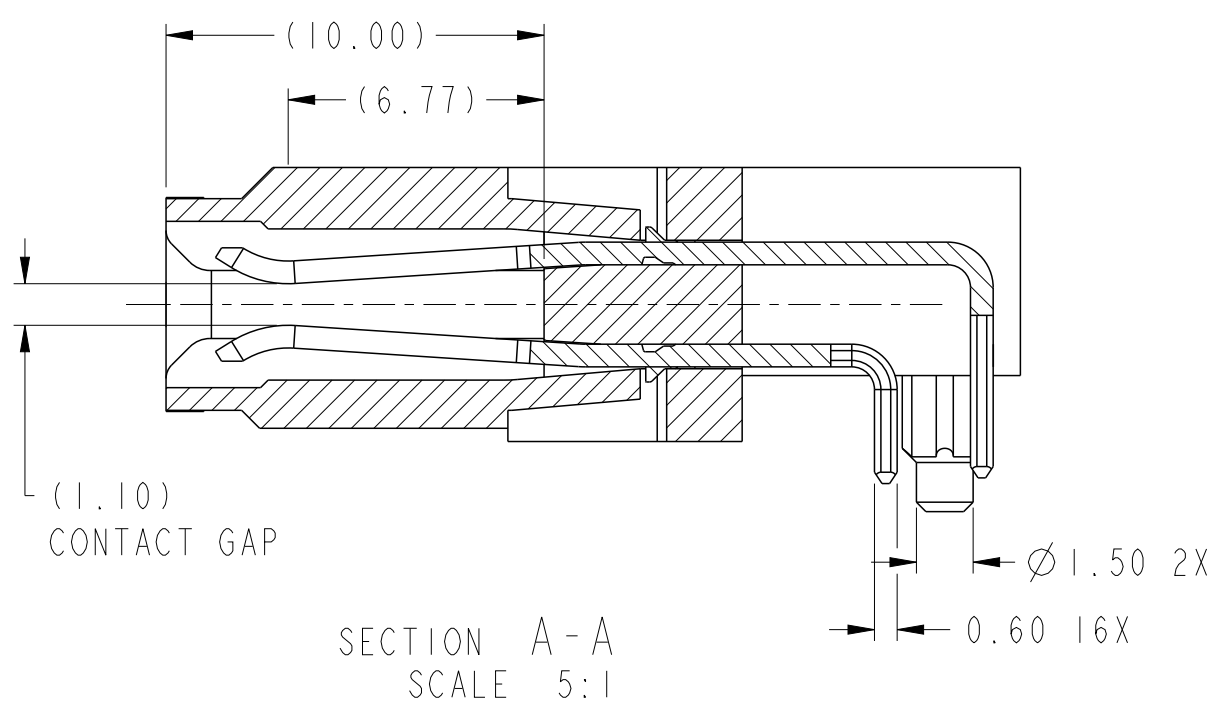
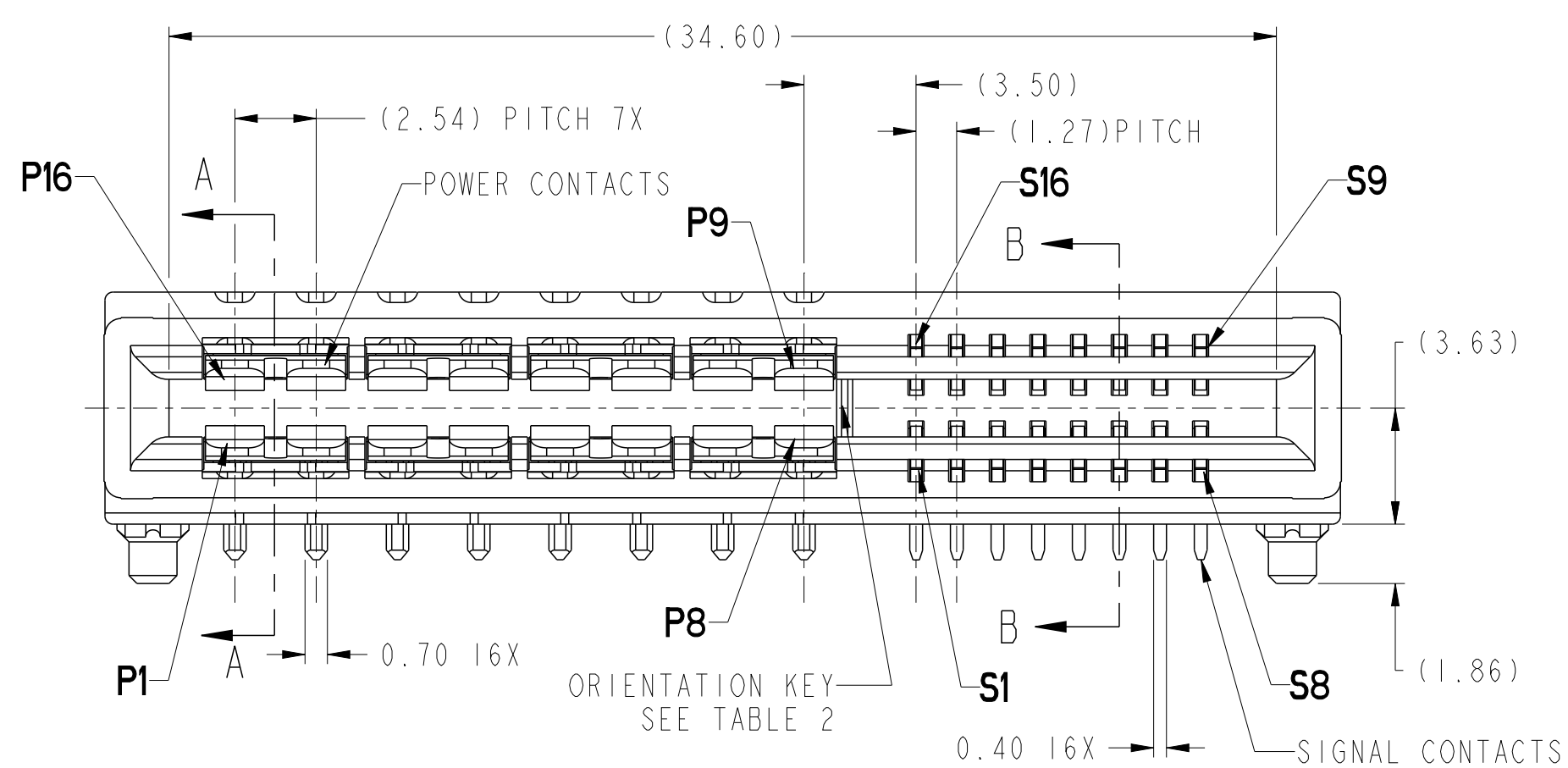


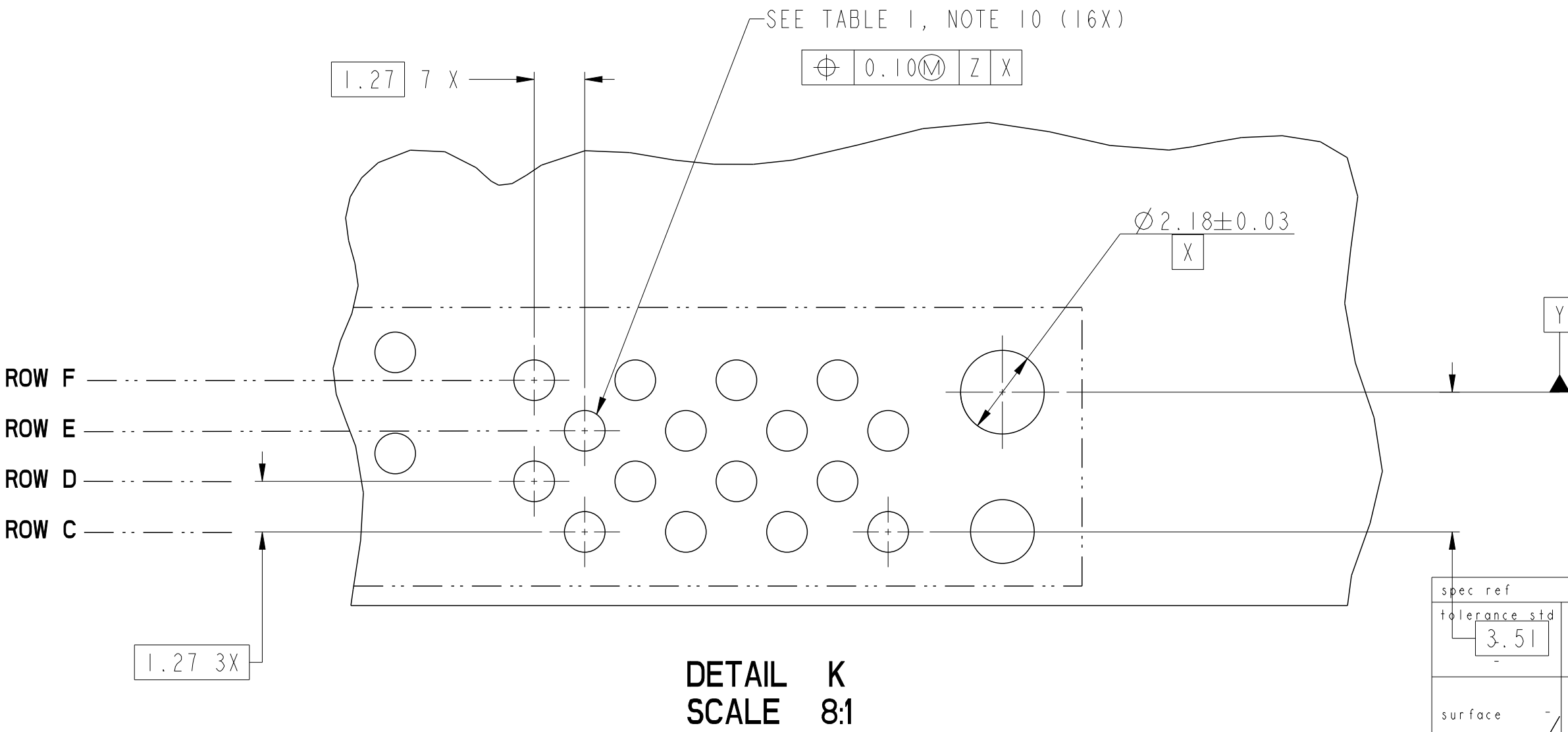
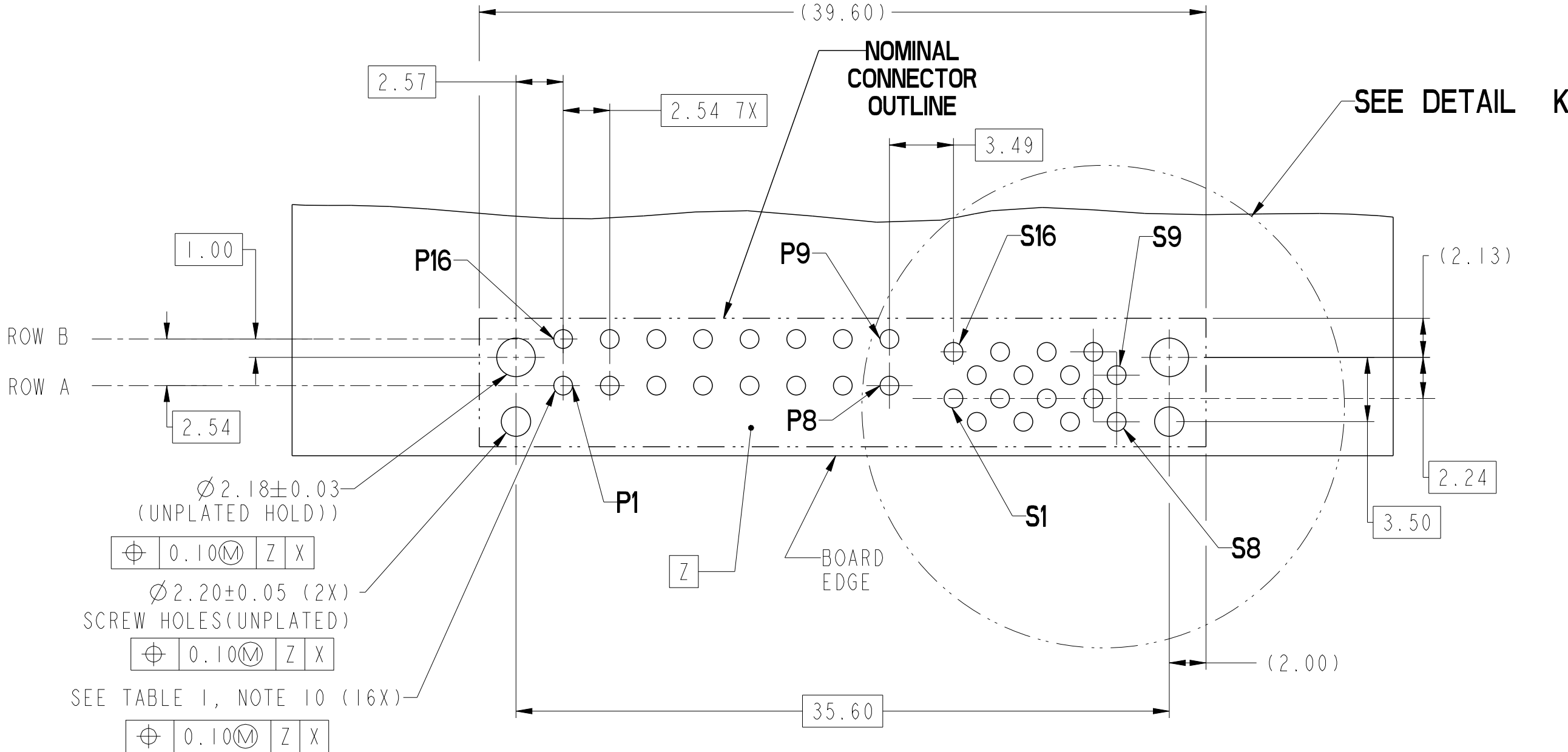


SECTION B-B
SCALE 5:1



spec ref		-		dr		Zhao Peter		2013/12/23		projection		MM		size		A2		scale		2:1							
tolerance std		-		eng		Sunny2 Liu		2016/05/06						ecn no		ELX-DG-24036-1											
-		chr		Terris Liu		2016/05/20		product family						-		rel level		Released									
-		appr		Pei-Ming Zheng		2016/05/24																					
surface		-		linear		Amphenol FCi		title		R/A OFFSET TYPE 16P16S						dwg no		10127949						rev		C	
				0.X				±0.30		HIGH POWER CARD EDGE																	
				0.XX				±0.25																			
ASME Y14.5				angular		0°		±2°				cat. no.						-		Product - Customer Drw						sheet 1 of 4	

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

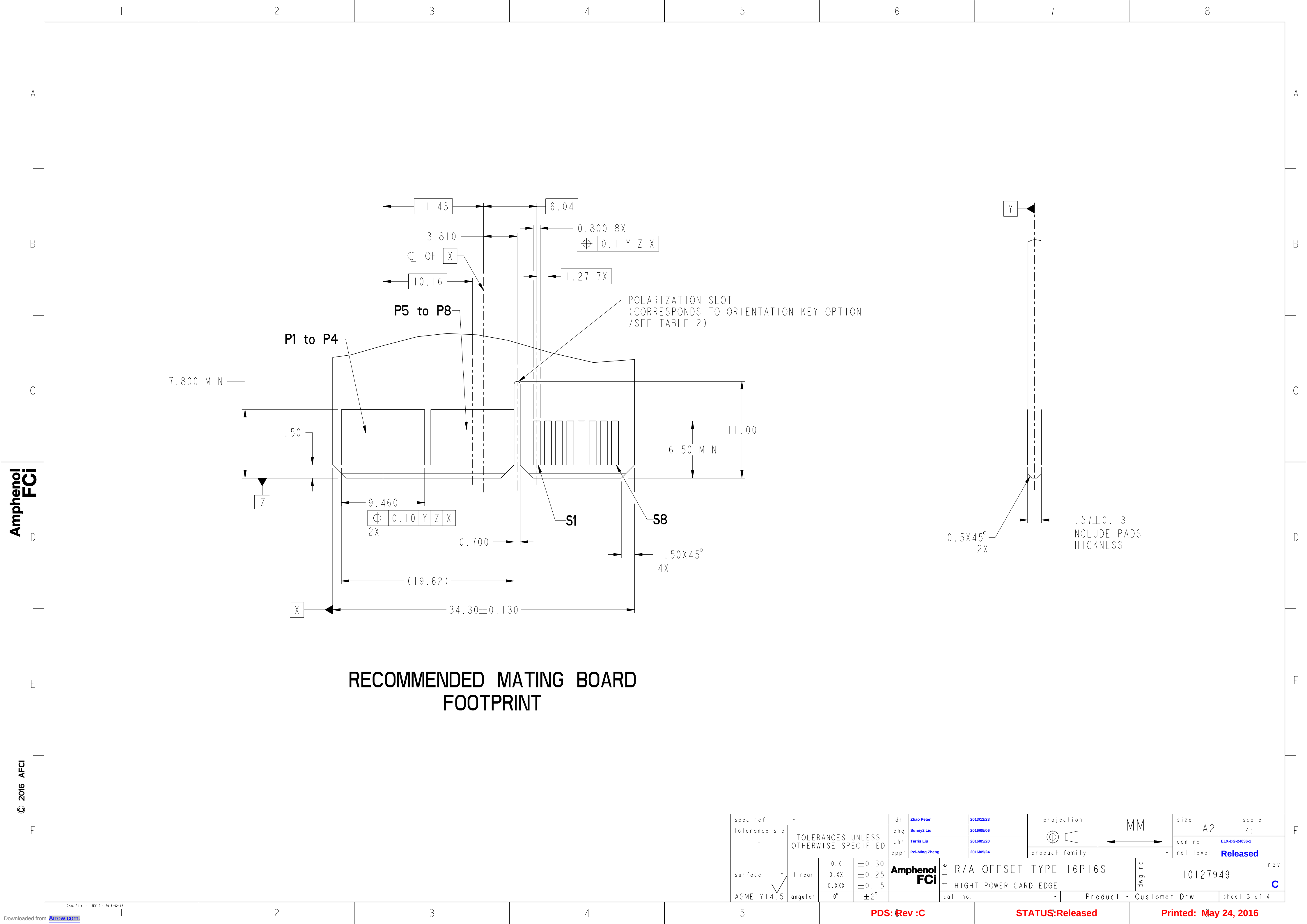


spec ref	-	dr	Zhao Peter	2013/12/23	projection	MM	size	A2	scale	4:1
tolerance std	3.51	eng	Sunny2 Liu	2016/05/06	chr	Terris Liu	2016/05/20	ecn no	ELX-DG-24036-1	
surface	ASME Y14.5	chr	Pei-Ming Zheng	2016/05/24	appr	Pei-Ming Zheng	2016/05/24	rel level	Released	
linear	0.X ± 0.30 0.XX ± 0.25 0.XXX ± 0.15	angular	0° $\pm 2^\circ$	Amphenol FCI			R/A OFFSET TYPE 16P16S HIGH POWER CARD EDGE		dwg no	10127949
				cat. no.		-	Product - Customer Drw		sheet 2 of 4	

DETAIL K
SCALE 8:1

Amphenol FCI

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RECOMMENDED MATING BOARD
FOOTPRINT

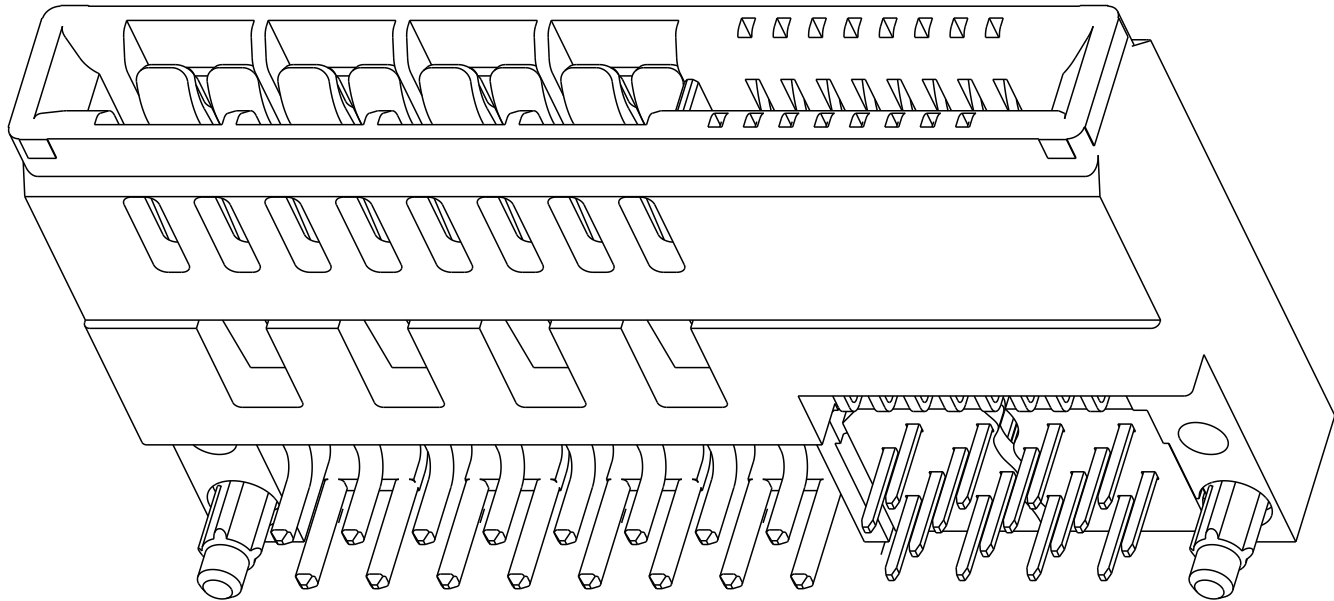
spec ref -		dr Zhao Peter		2013/12/23		projection		MM		size A2		scale 4:1			
tolerance std -		eng Sunny2 Liu		2016/05/06						ecn no		ELX-DG-24036-1			
-		chr Terris Liu		2016/05/20						rel level		Released			
-		appr Pei-Ming Zheng		2016/05/24		product family -									
surface -		linear		0.X ±0.30		Amphenol FCI		title R/A OFFSET TYPE 16P16S HIGH POWER CARD EDGE				dwg no 10127949		rev C	
		0.XX ±0.25													
		0.XXX ±0.15													
ASME Y14.5		angular 0° ±2°				cat. no. -		Product - Customer Drw				sheet 3 of 4			

PDS: Rev :C

STATUS:Released

Printed: May 24, 2016

HPCE PART NUMBER (TABLE 2)				PLATING (CONTACT AREA)
10127949	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	
10127949-001LF	SOLDER TAIL	YES	YES	GXT, 0.76um
10127949-002LF			NO	GXT, 0.76um



NOTES:

1. MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK, UL 94V-0
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.
- C

5.

PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
6. MOUNTING HARDWARE: M2X0.8 SELF-THREADING SCREW
MOUNTING SCREW LENGTH: 5.80±0.30mm.
7. PRODUCT PACKAGED IN TRAYS,REFER TO FCI SPECIFICATION GS-14-937.
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. A SYMBOL

C

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

spec ref		-		dr		Zhao Peter		2013/12/23		projection		MM		size		A2		scale		2:1					
tolerance std		-		eng		Sunny2 Liu		2016/05/06						ecn no		ELX-DG-24036-1									
-		chr		Terris Liu		2016/05/20		rel level						Released											
-		appr		Pei-Ming Zheng		2016/05/24		product family						-											
surface		-		linear		Amphenol FCI		title		R/A OFFSET TYPE 16PI6S								dwg no		10127949		rev		C	
				0.X				±0.30																	
				0.XX				±0.25																	
ASME Y14.5				0.XXX		±0.15																			
		angular		0°		±2°		cat. no.		-		Product - Customer Drw								sheet 4 of 4					