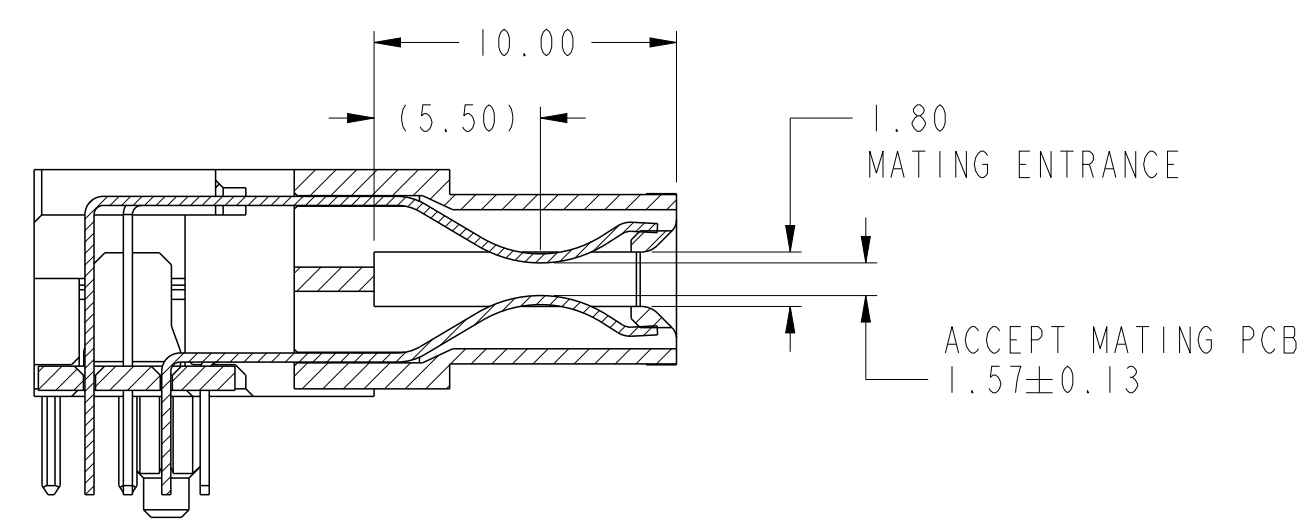





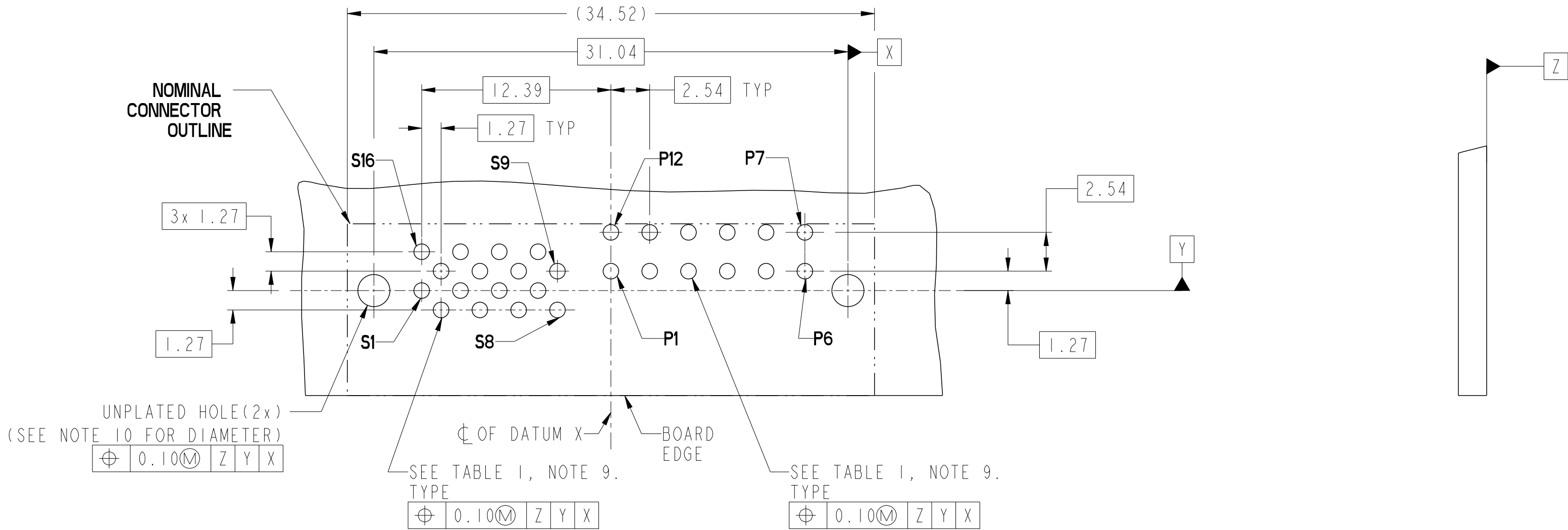
SECTION A-A  
SCALE 4:1






SECTION B-B  
SCALE 4:1

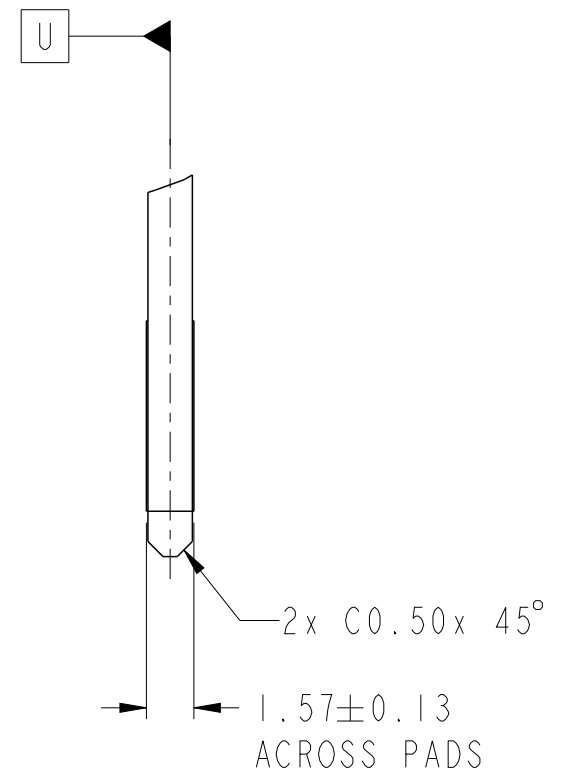
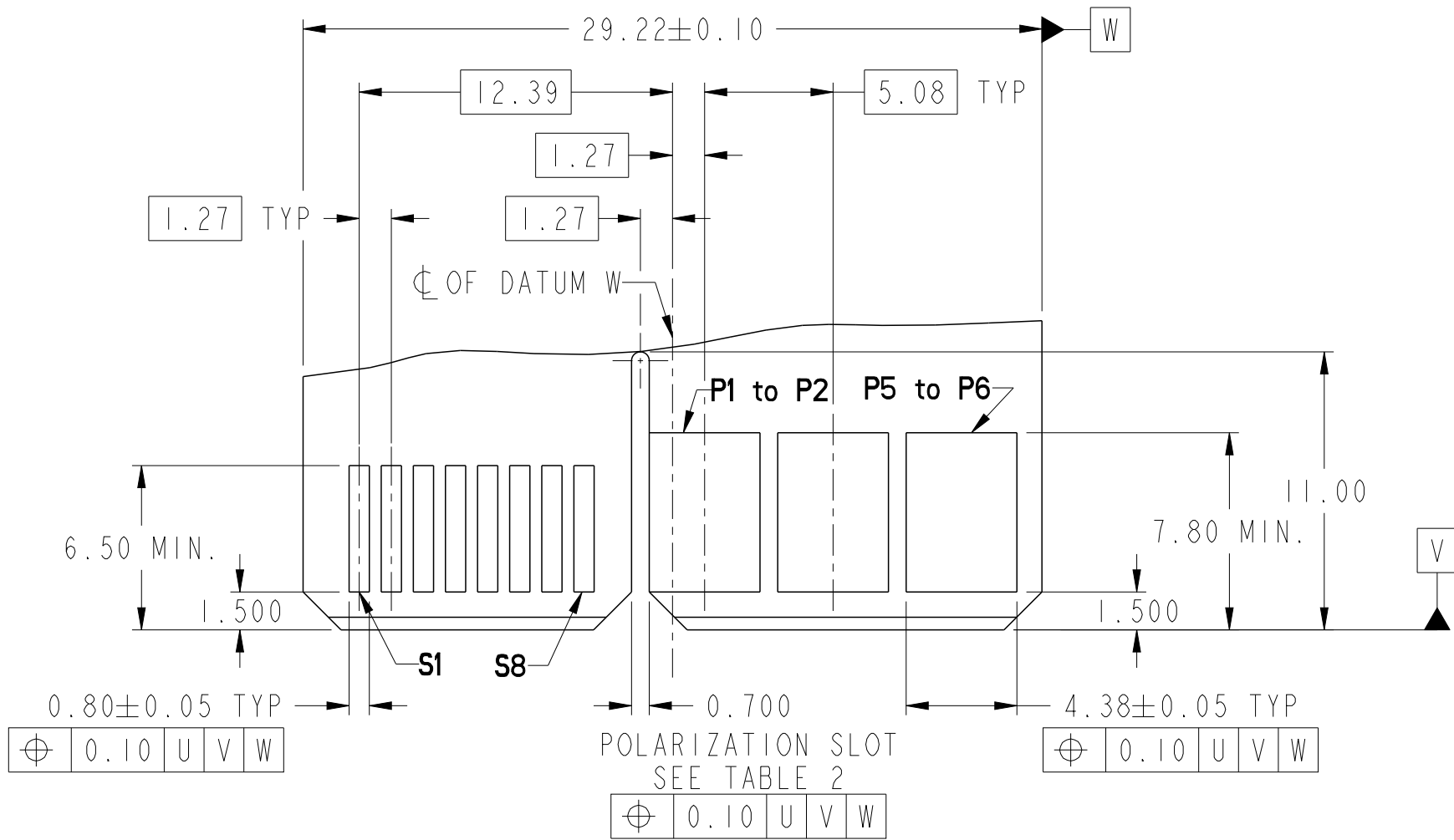
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Sunny2 Liu		2016/05/06				ecn no ELX-DG-24036-1			
ISO 406 ISO 1101				chr Terris Liu		2016/05/20				rel level Released			
				appr Pei-Ming Zheng		2016/05/24		product family					
surface  ISO 1302		linear		0.X ±0.5		Amphenol FCi		title R/A RECT 16S+12P HIGH POWER CARD EDGE		dwg no 10129174		rev B	
		0.XX ±0.25											
		0.XXX ±0.10											
		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






RECOMMENDED PCB LAYOUT

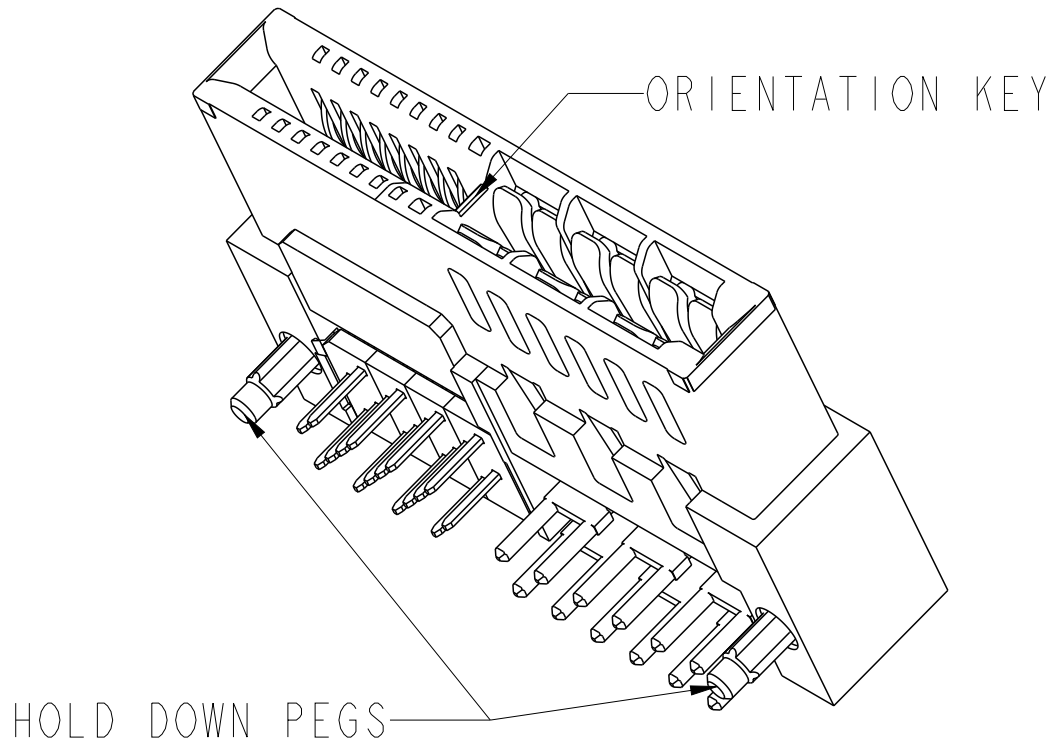
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sunny2 Liu	2016/05/06			ecn no	ELX-DG-24036-1				
ISO 406 ISO 1101				chr	Terris Liu	2016/05/20			rel level	Released				
				appr	Pei-Ming Zheng	2016/05/24			product family					
surface		linear	0.X	±0.5	Amphenol FCI	title	R/A RECT 16S+12P HIGH POWER CARD EDGE			dwg no	10129174		rev	B
			0.XX	±0.25										
			0.XXX	±0.10										
		angular	0°	±2°										
ISO 1302				cat. no.		Product - Customer Drw			sheet 2 of 4					



RECOMMENDED MATING BOARD  
FOOT PRINT

spec ref			-		dr		De-Ming Lu		2014/02/24		projection		MM		size		A2		scale		4:1				
tolerance std			TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Sunny2 Liu		2016/05/06						ecn no		ELX-DG-24036-1							
ISO 406						chr		Terris Liu		2016/05/20								rel level		Released					
ISO 1101						appr		Pei-Ming Zheng		2016/05/24															
surface					Amphenol FCi		title		R/A RECT 16S+12P HIGH POWER CARD EDGE						dwg no		10129174		rev		B				
linear		0.X																					±0.5		
		0.XX																					±0.25		
		0.XXX		±0.10																					
ISO 1302		angular		0°		±2°		cat. no.		Product - Customer Drw						sheet 3 of 4									

HPCE PART NUMBER (TABLE 2)				
PART NUMBER	TAIL TYPE	HOLD-DOWN OPTION	ORIENTATION KEY	DIM "T" TAIL LENGTH
10129174-001LF	SOLDER TAIL	YES	YES	2.60±0.25
10129174-002LF			NO	
10129174-003LF		NO	YES	
10129174-004LF			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 2.18 +/- 0.03 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 -				dr De-Ming Lu		2014/02/24		projection		MM		size A2		scale 4:1	
tolerance std				eng Sunny2 Liu		2016/05/06						ecn no		ELX-DG-24036-1	
ISO 406 ISO 1101				TOLERANCES UNLESS OTHERWISE SPECIFIED		chr Terris Liu						2016/05/20		rel level	
				appr Pei-Ming Zheng		2016/05/24		product family							
surface		linear		0.X		±0.5		Amphenol FCI		title R/A RECT 16S+12P HIGH POWER CARD EDGE		dwg no 10129174		rev B	
				0.XX		±0.25									
				0.XXX		±0.10									
		ISO 1302		angular		0°		±2°		cat. no.		Product - Customer Drw		sheet 4 of 4	