

A

B

C

D

E

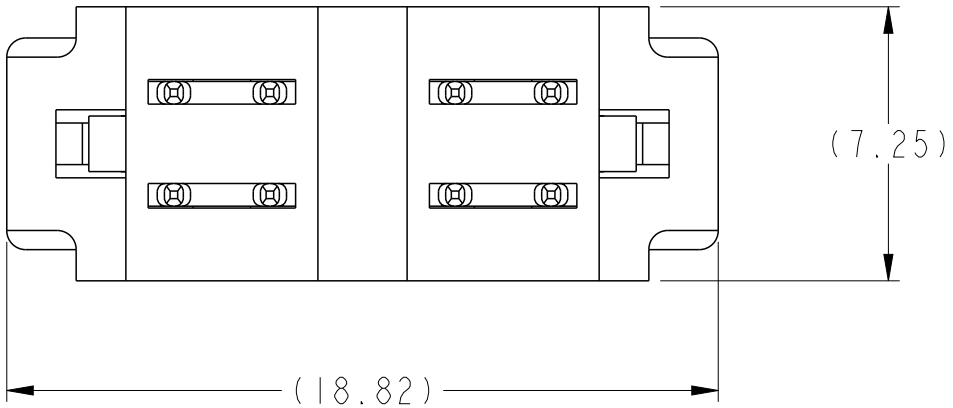
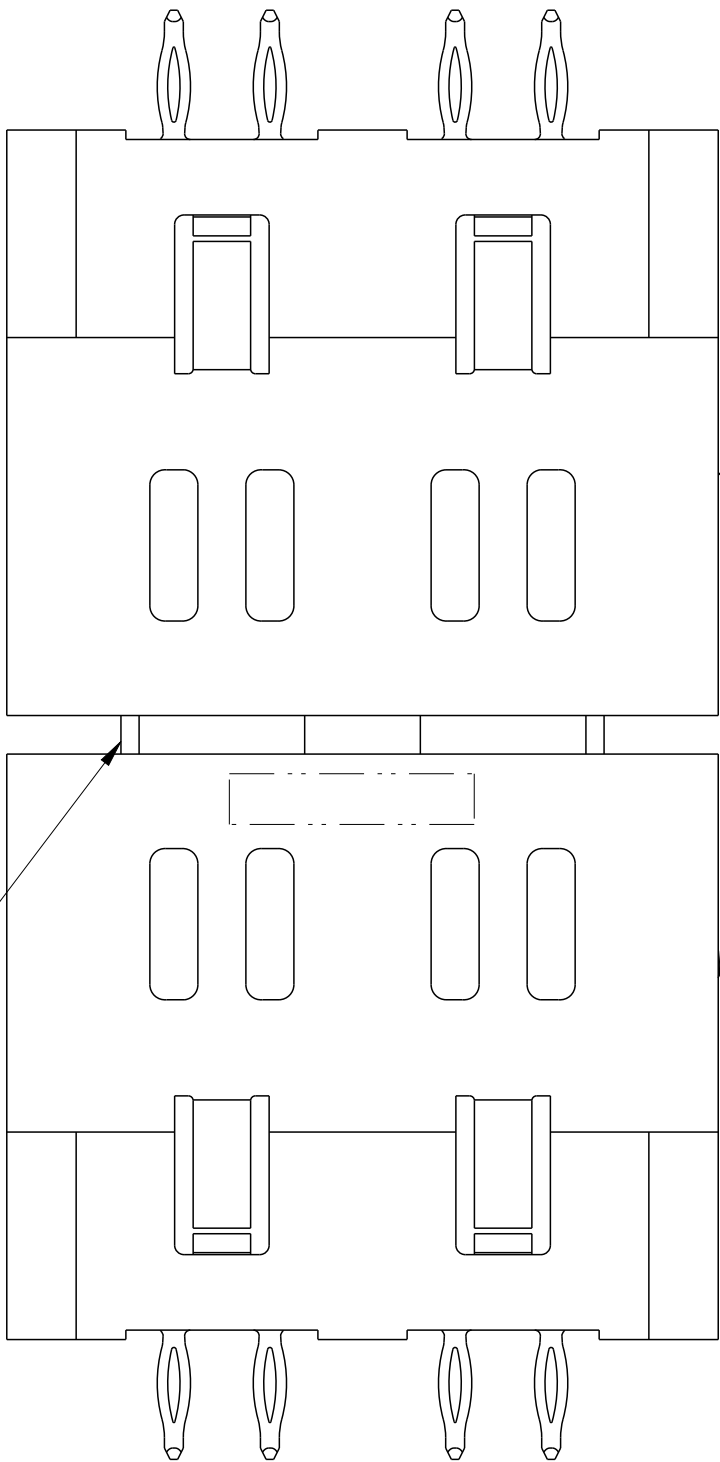
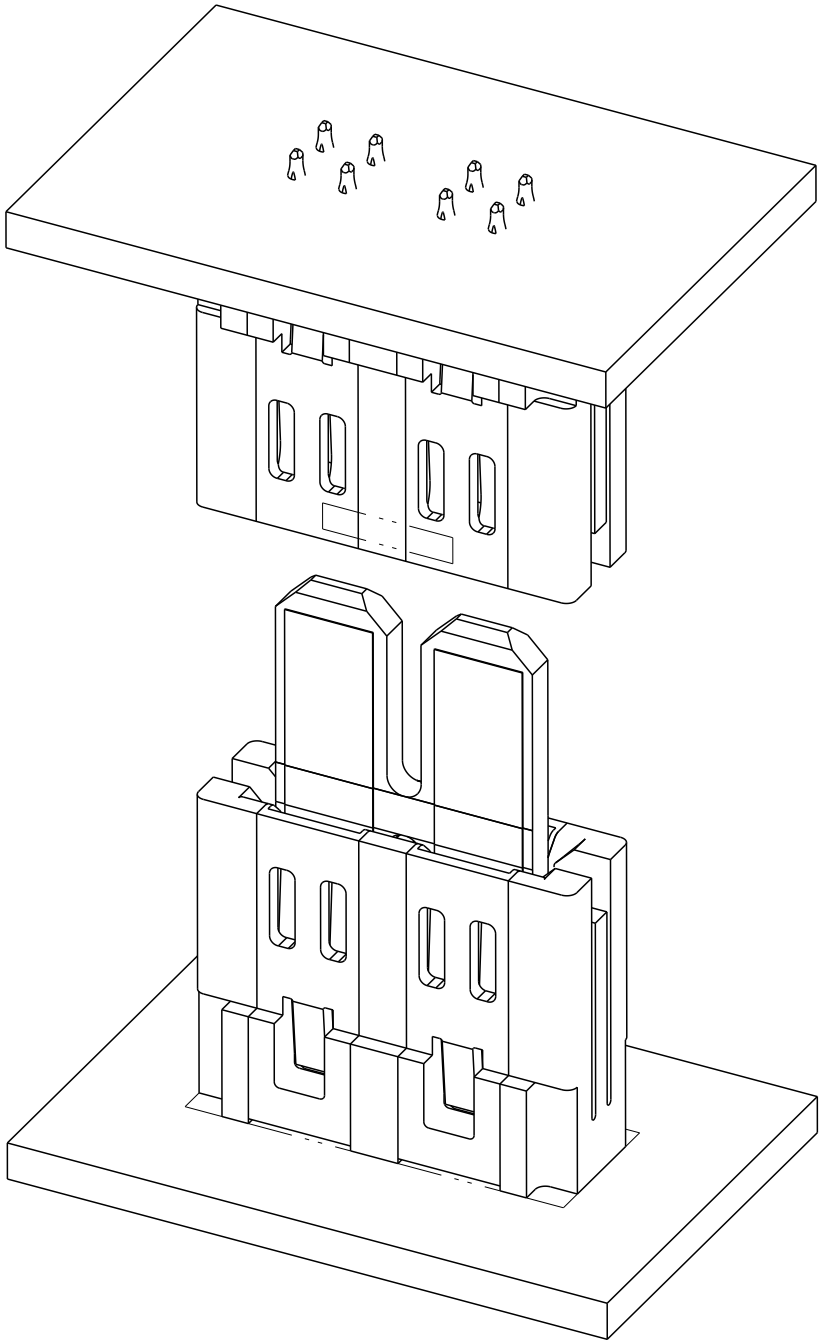
F

	1	2	3	4	5	6	7	8
	PART NUMBER (INCLUDE :2 CONNECTORS + 1 MEZZANINE PCB)		DIM "A" STACK HEIGHT (±0.50)					
A	10127597-001LF		32					
	10127597-002LF		33					
	10127597-003LF		34					
B	10127597-004LF		35					
	10127597-005LF		36					
	10127597-006LF		37					
C	10127597-007LF		38					
	10127597-008LF		39					
	10127597-009LF		40					
	10127597-010LF		41					
	10127597-011LF		42					

MEZZANINE PCB:10127274

CONNECTOR:10127272-001LF

(DIM "A")
STACK HEIGHT
SEE NOTE



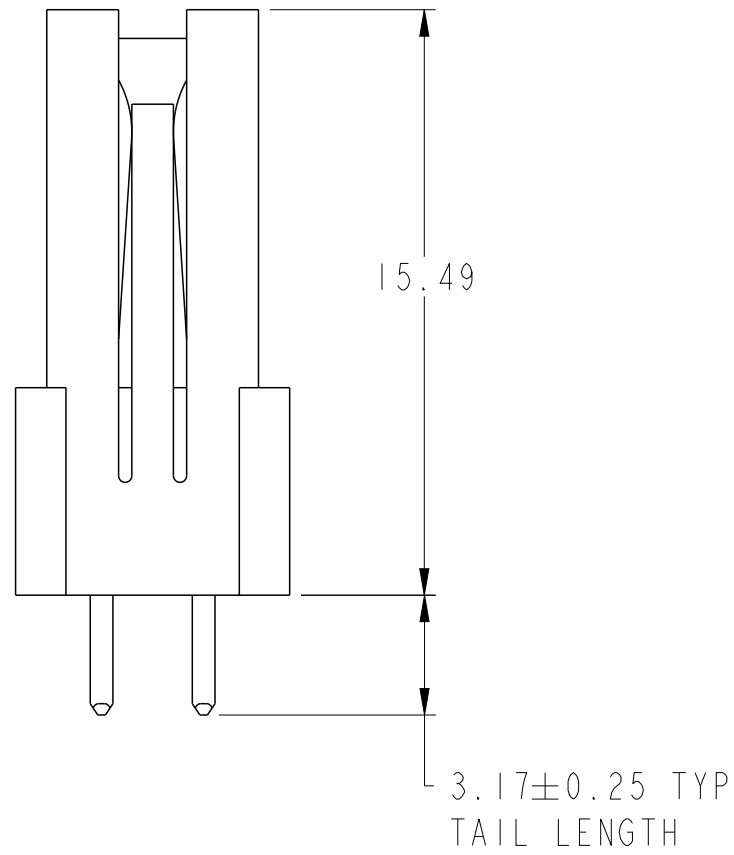
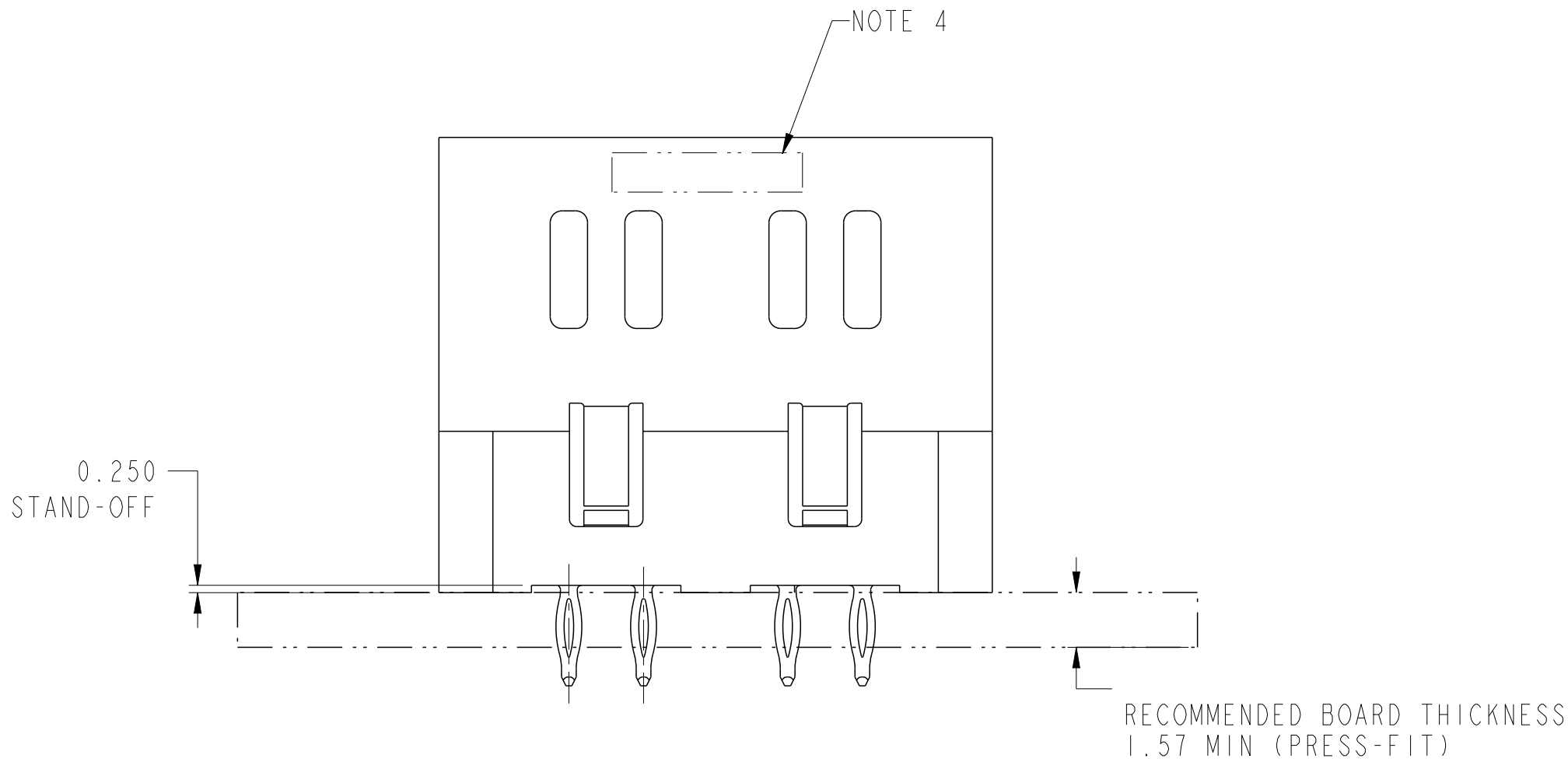
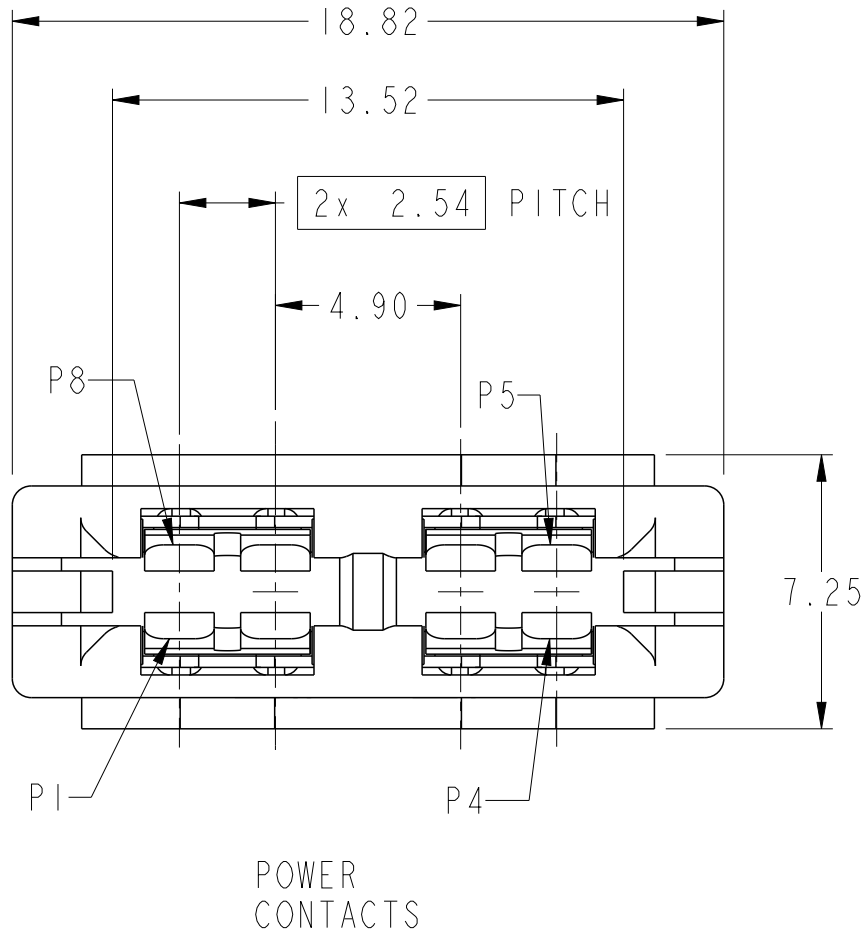
NOTE:

INTENDED USE-- TWO CONNECTORS (P/N 10127272) MEZZANINE STACKED USING PCB TO
CONTROL STACK HEIGHT.
FINAL MEZZANINE STACK HEIGHT RANGES FROM 32~42 mm IN 1 mm INCREMENTS.

spec ref -				dr Jackie Huang		2015/04/15		projection		MM		size A2		scale 2:1			
tolerance std				eng Sunny2 Liu		2016/04/12						ecn no ELX-DG-22934-1					
ISO 406 ISO 1101				chr Terris Liu		2016/05/20						rel level Released					
				appr Pei-Ming Zheng		2016/05/24		product family				-					
surface ASME Y14.5		linear		Amphenol FCi		title ASSY VERT RECP (8P) HIGH POWER CARD EDGE		dwg no 10127597		rev B							
																0.X ±0.5	
																0.XX ±0.25	
		0.XXX ±0.10															
		angular				cat. no.		-		Product - Customer Drw				sheet 1 of 4			

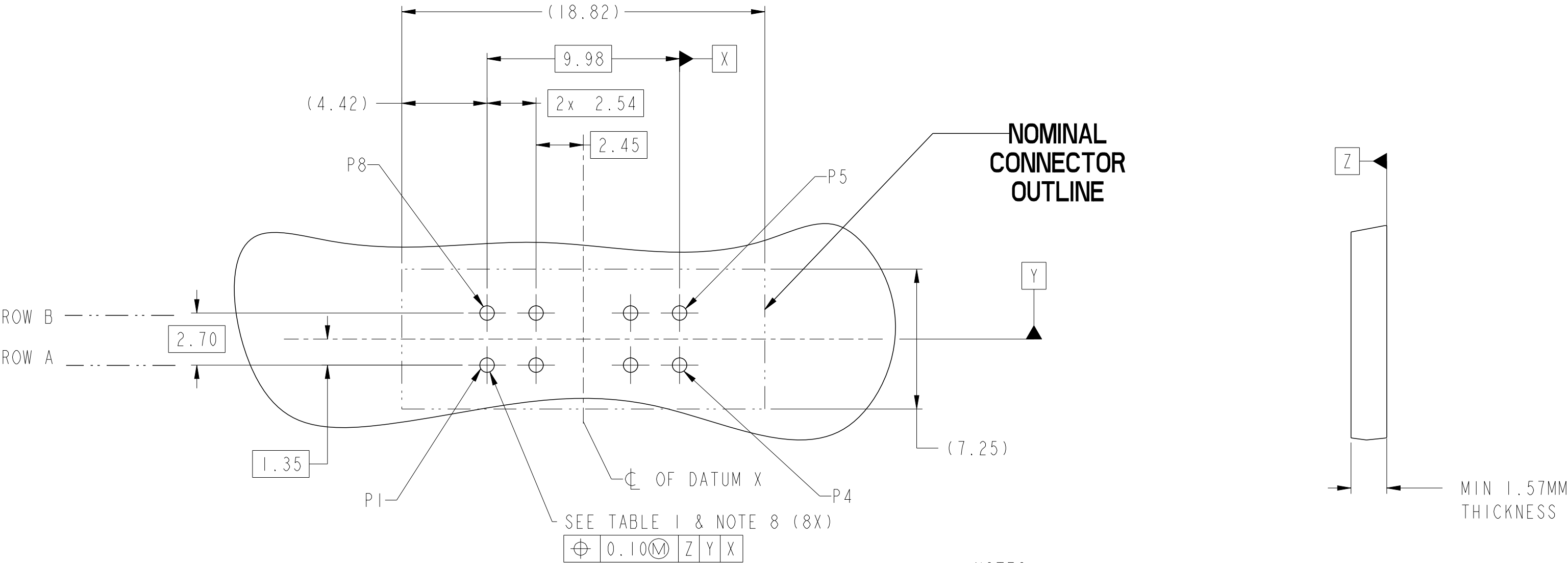
PART NUMBER
(CONNECTOR)

10127272-001LF

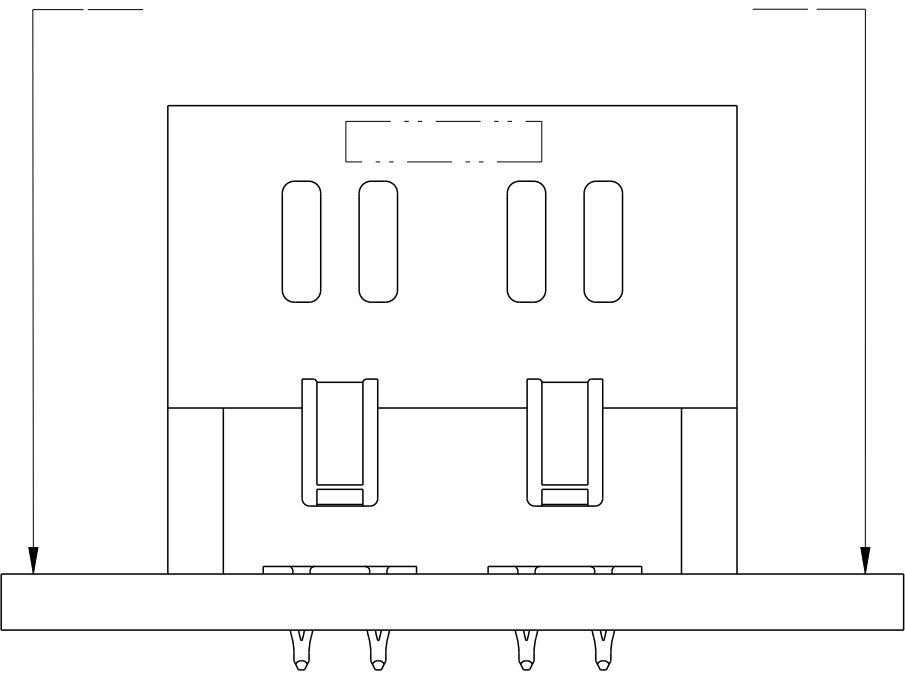


spec ref		-		dr		Jackie Huang		2015/04/15		projection				size		A2		scale		5:1	
tolerance std		ISO 406		ISO 1101		eng		Sunny2 Liu		2016/04/12				ecn no		ELX-DG-22934-1		rel level		Released	
		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Terris Liu		2015/05/20		product family		CARD EDGE									
				appr		Pei-Ming Zheng		2016/05/24													
surface		linear		0.X		±0.5		Amphenol FCI		title		ASSY VERT RECP (8P) HIGH POWER CARD EDGE		dwg no		10127597		rev		B	
		0.XX		±0.25																	
		0.XXX		±0.10																	
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw		sheet 2 of 4					

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE 1 (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 7)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE



NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK
UL 94V-0 COMPLIANT
CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
- CONTACT FINISH REF. GS-12-1261 SECTION 5.2.
- PRODUCT SPECIFICATION: GS-12-1261.
- PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
- PACKAGING MEETS FCI SPECIFICATION GS-14-2456.
- HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN.
- COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
- ALL HOLE SIZES ARE FINISHED HOLE SIZES.
- A SYMBOL $\triangle B$ WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

spec ref	-	dr	Jackie Huang	2015/04/15	projection	MM	size	A2	scale	2:1
tolerance std	ISO 406 ISO 1101	eng	Sunny2 Liu	2016/04/12	chr	Terris Liu	ecn no	ELX-DG-22934-1		
surface	ASME Y14.5	appr	Pei-Ming Zheng	2016/05/24	product family	-	rel level	Released		
linear	0.X 0.XX 0.XXX	linear	0.5 0.25 0.10	angular	0°	±2°	title	ASSY VERT RECP (8P) HIGH POWER CARD EDGE	cat. no.	-
dwg no	10127597	rev	B	Product	-	Customer Drw	sheet 3 of 4			

