

PART NUMBER 10127272-001LF

A

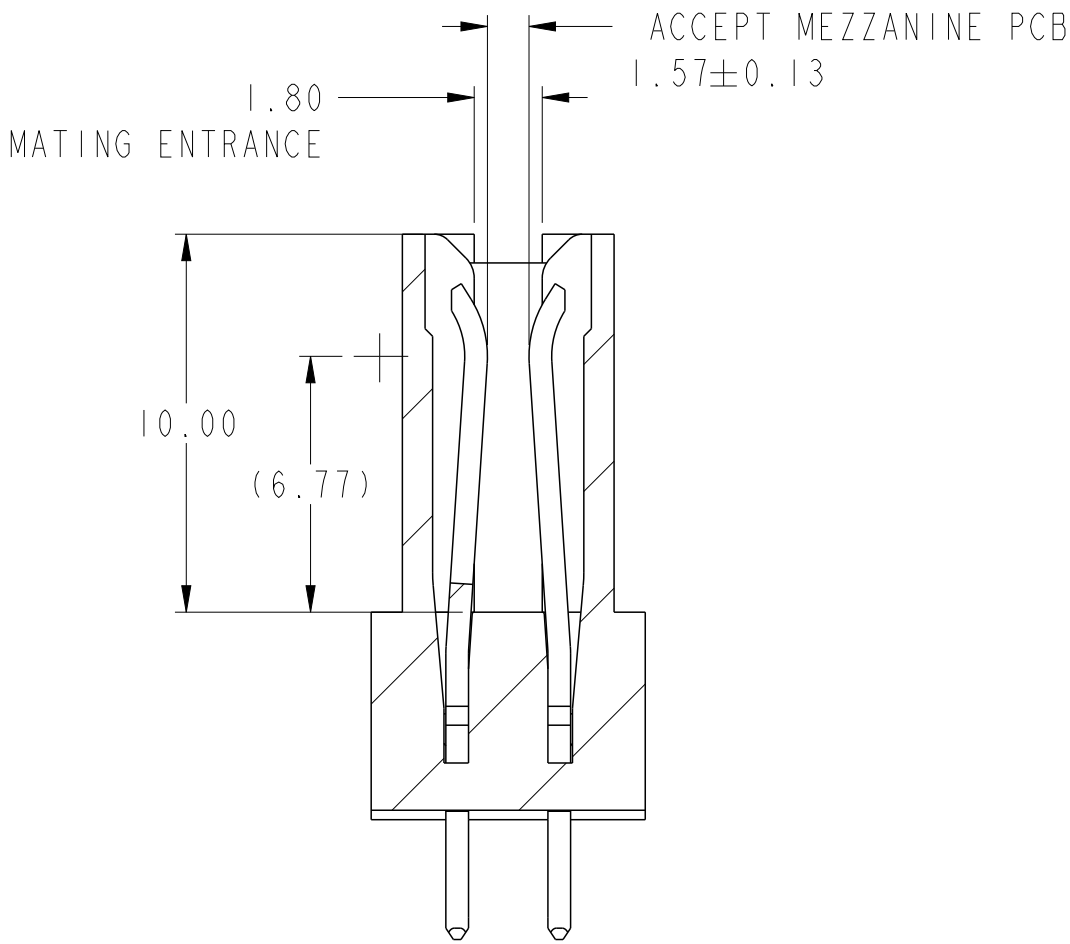
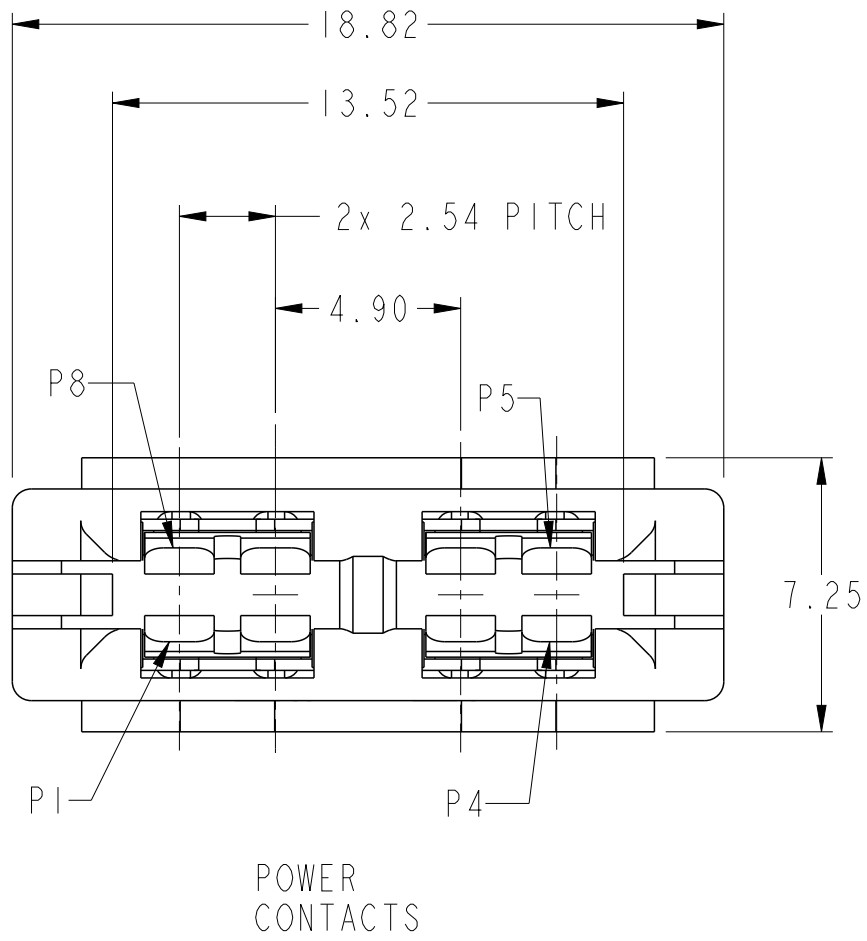
B

C

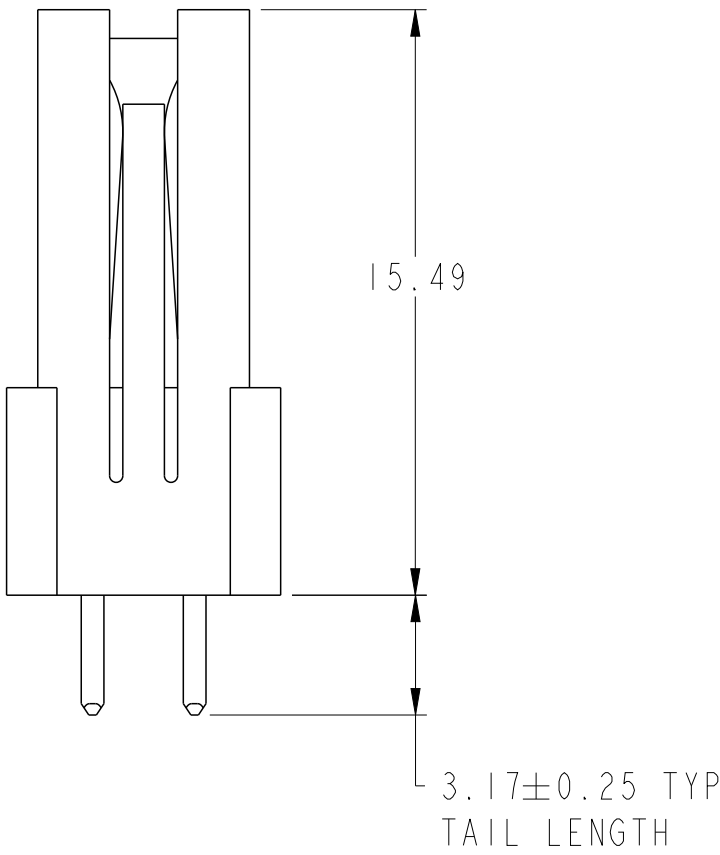
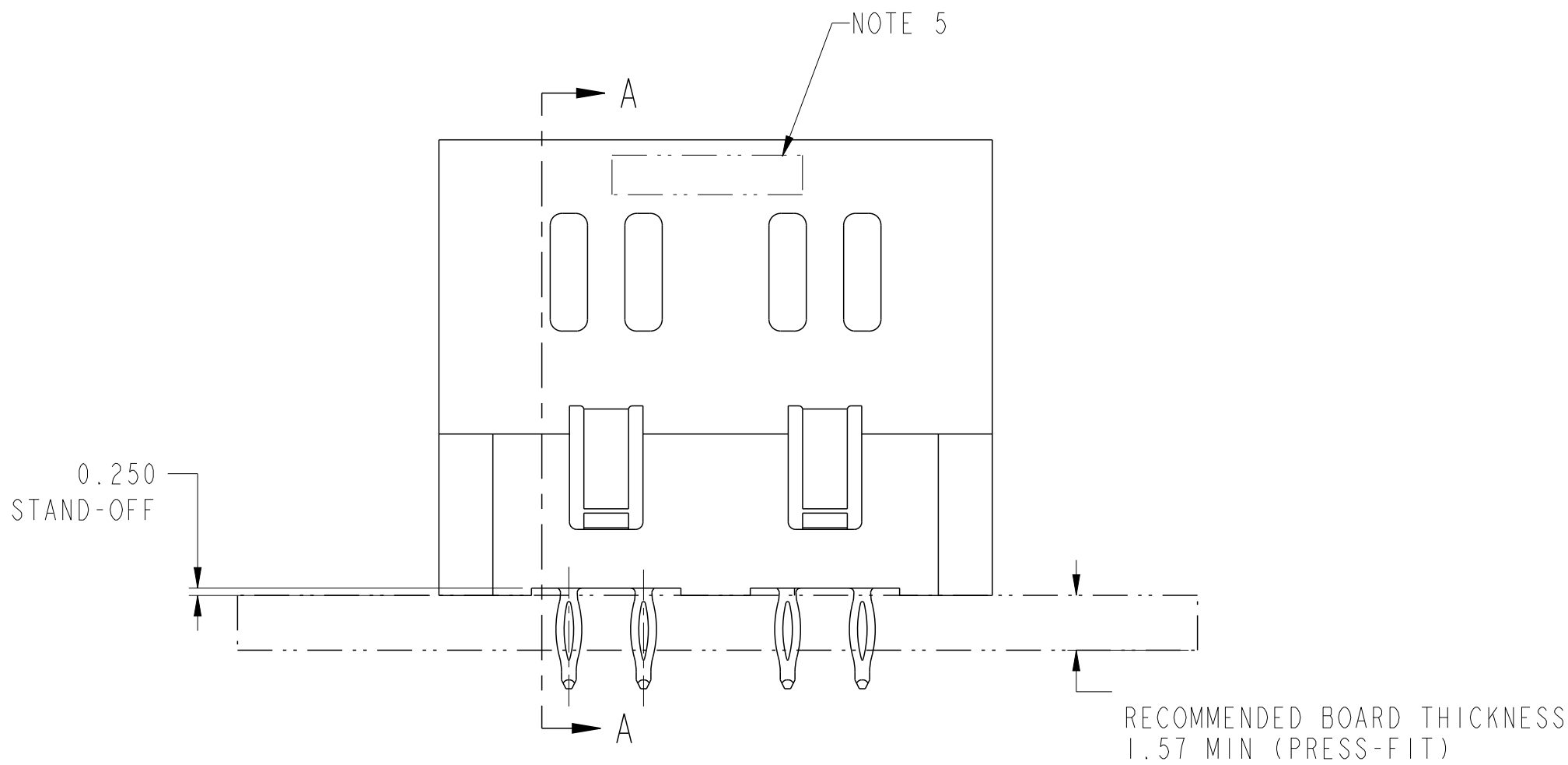
D

E

F



SECTION A-A



spec ref		-		dr Jackie Huang		2014/04/01		projection		mm		size A2		scale 5:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Sunny2 Liu		2016/04/12						ecn no ELX-DG-22934-1		rel level Released	
ISO 406 ISO 1101				chr Terris Liu		2016/05/20		product family		CARD EDGE					
				appr Pei-Ming Zheng		2016/05/24									
surface		linear		0.X ±0.5 0.XX ±0.25 0.XXX ±0.10		Amphenol FCI		title VERT RECP (8P) HIGH POWER CARD EDGE		dwg no 10127272		rev B			
ASME Y14.5		angular 0° ±2°				cat. no. -		Product - Customer Drw		sheet 1 of 3					

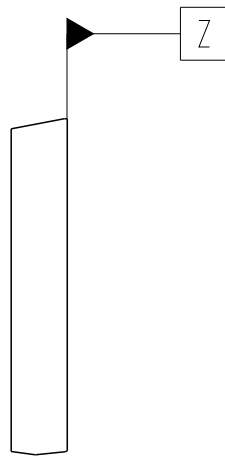
PDS: Rev :B

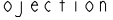
STATUS:Released

Printed: May 24, 2016

Amphenol FCI

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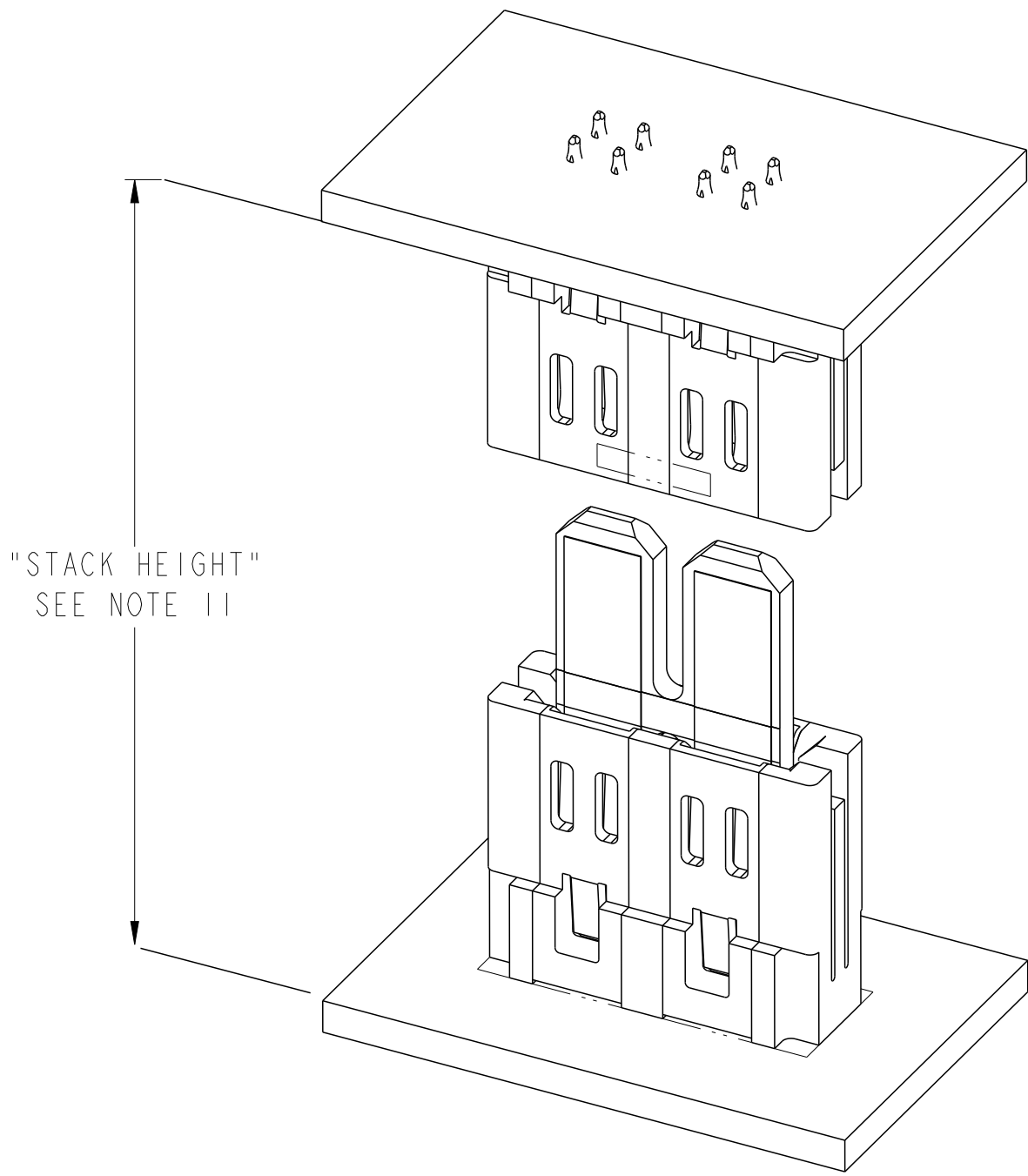
spec ref		-		dr Jackie Huang		2014/04/01		projection		size A2		scale 2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Sunny2 Liu		2016/04/12				mm		ecn no ELX-DG-22934-1			
ISO 406				chr Terris Liu		2016/05/20						rel level Released			
ISO 1101				appr Pei-Ming Zheng		2016/05/24		product family		-					
surface			linear	0.X	±0.5	Amphenol FCI		title VERT RECP (8P) HIGH POWER CARD EDGE		dwg no 10127272		rev B			
				0.XX	±0.25										
				0.XXX	±0.10										
ASME Y14.5			angular	0°	±2°			cat. no.		-		Product - Customer Drw		sheet 2 of 3	

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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 8)	0.81-0.86 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80

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-12-1261.
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. INTENDED USE: TWO ASSEMBLIES (P/N 10127272) MEZZANINE STACKED USING PCB TO CONTROL STACK HEIGHT.
DIM "L" + 10.98mm = FINAL MEZZANINE STACK HEIGHT.
DIM "L" RANGES FROM 21.02-31.02 mm IN 1 mm INCREMENTS.
11. SEE DRAWING 10127274 FOR MATING PCB DETAIL.
12. A SYMBOL B WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



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ISO 1101				appr Pei-Ming Zheng		2016/05/24							
												product family -	
surface				Amphenol FCI		title VERT RECP (8P) HIGH POWER CARD EDGE		dwg no 10127272		rev B			
ASME Y14.5		linear		0.X ±0.5									
				0.XX ±0.25									
				0.XXX ±0.10									
		angular 0° ±2°											
				cat. no. -		Product - Customer Drw				sheet 3 of 3			