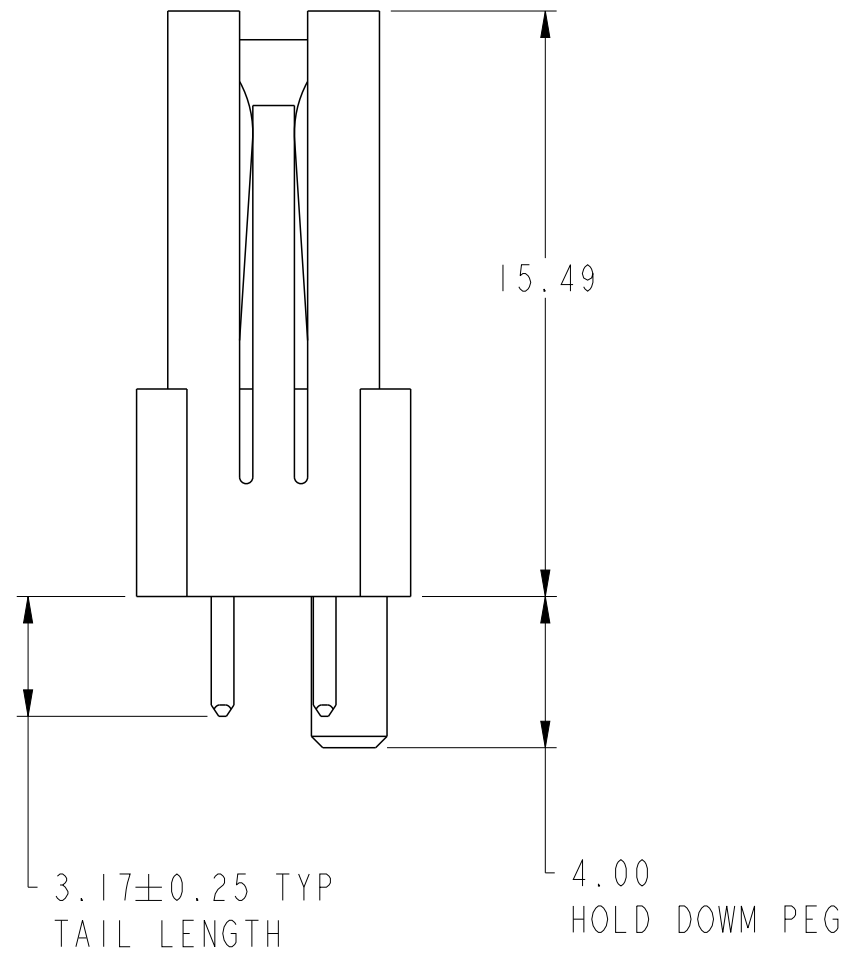
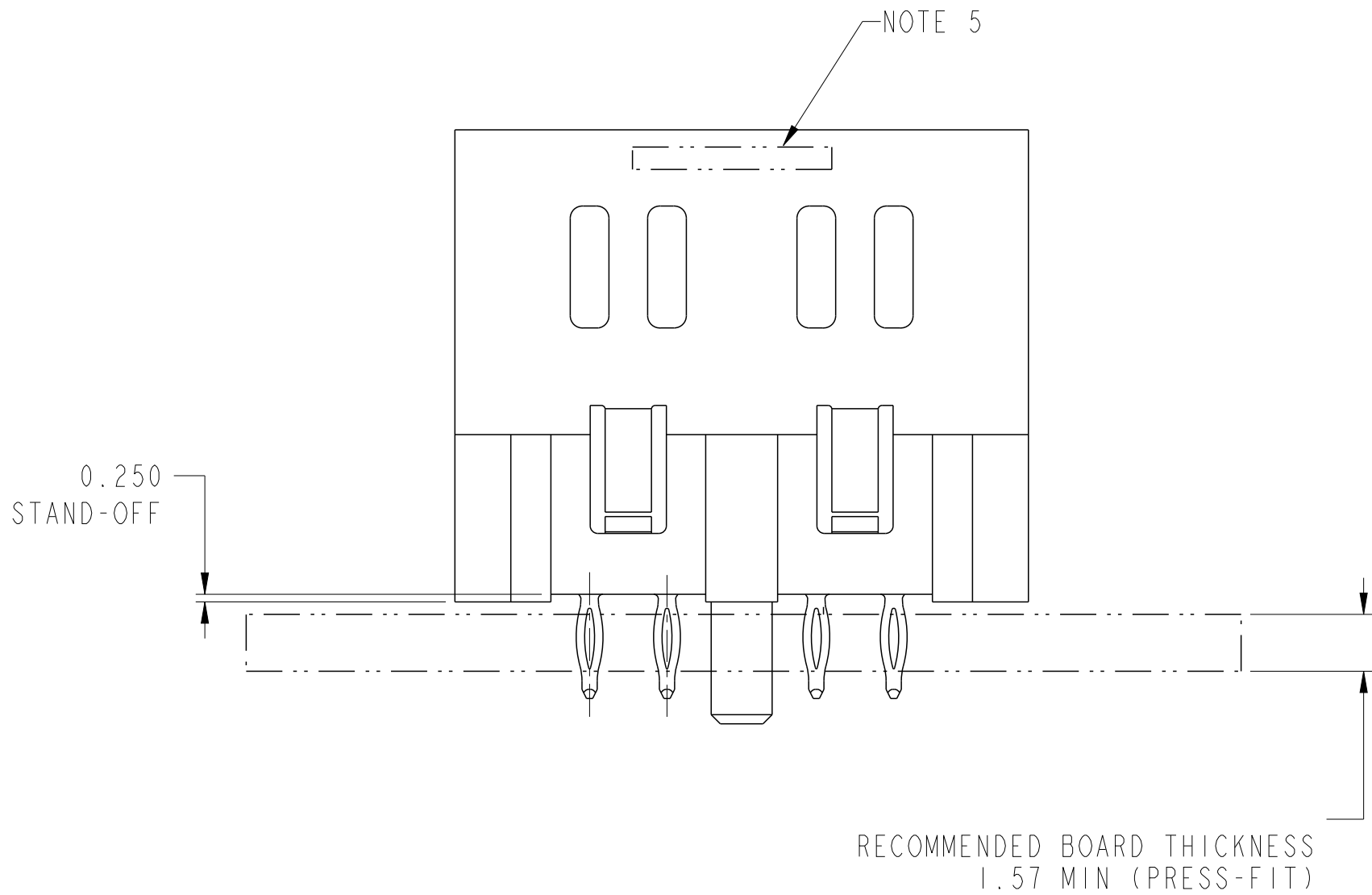
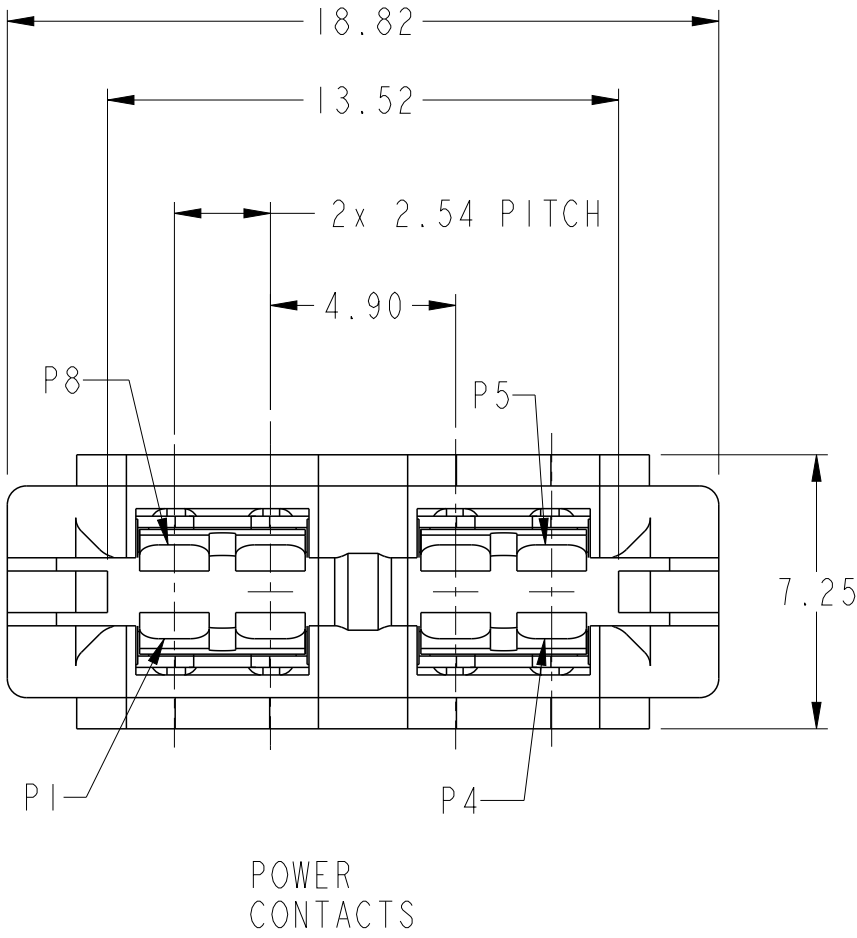
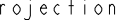
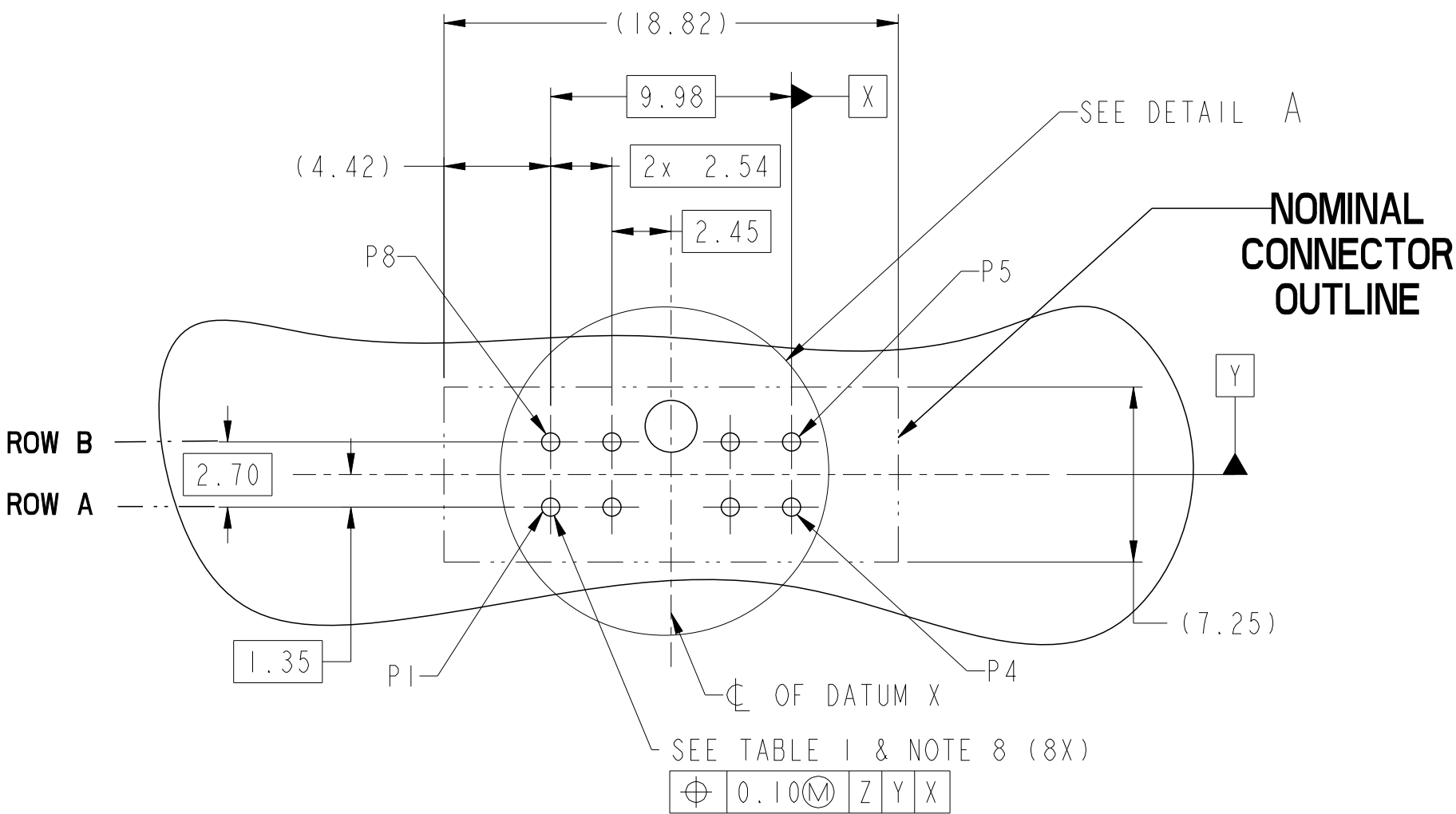


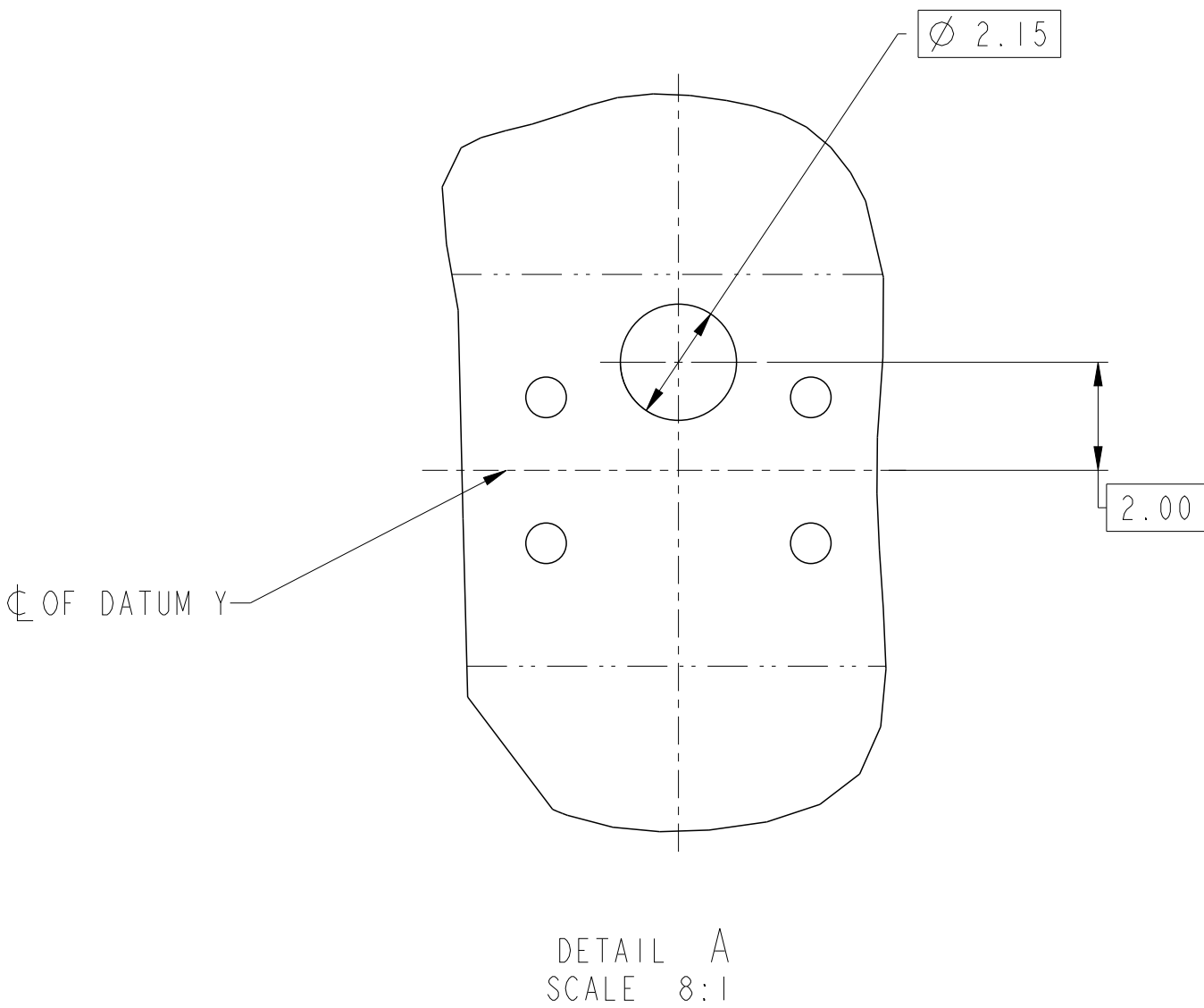
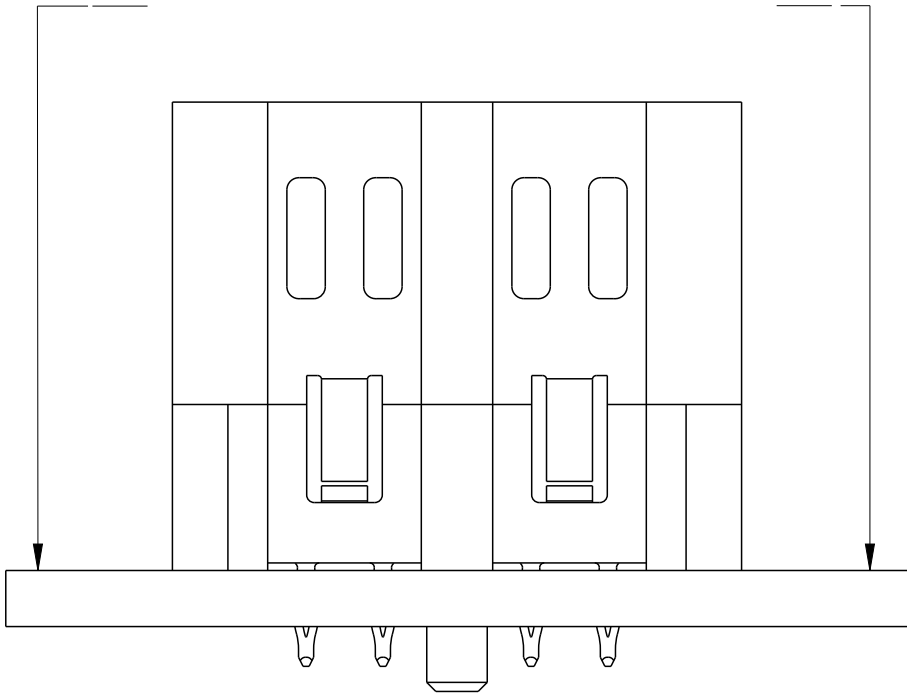
1	2
PART NUMBER	TAIL TYPE
10136109-001LF	PRESS FIT
10136109-002LF	SOLDER TAIL



spec ref		-		dr	Hai-Ling Liu	2015/07/09	projection		mm	size	A2	scale	5:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Sunny2 Liu	2016/06/07					ecn no		ELX-DG-24234-1	
ISO 406				chr	Terris Liu	2016/06/06	product family		CARD EDGE	rel level	Released			
ISO 1101				appr	Pei-Ming Zheng									
surface	linear	0.X	±0.5	Amphenol FCI	title	HPCE MEZZANINE 4LP WITH PEG				dwg no	10136109		rev	C
		0.XX	±0.25											
		0.XXX	±0.10											
ASME Y14.5	angular	0°	±2°	cat. no.		-	Product - Customer Drw				sheet 1 of 3			



RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE



spec ref -				dr Hai-Ling Liu		2015/07/09		projection		mm		size A2		scale 2:1	
tolerance std ISO 406 ISO 1101				eng Sunny2 Liu		2016/06/07						ecn no ELX-DG-24234-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Terris Liu		2016/06/16						rel level Released			
				appr Pei-Ming Zheng		2016/06/16						product family -			
surface -		linear		Amphenol FCI		title HPCE MEZZANINE 4LP WITH PEG						dwg no 10136109		rev C	
ASME Y14.5		0.X ±0.5													
		0.XX ±0.25													
		0.XXX ±0.10													
		angular 0° ±2°				cat. no. -		Product - Customer Drw						sheet 2 of 3	

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE I (HPCE / PRESS-FIT TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER	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

CONTACT TYPE	TOP LAYER DESCRIPTION	TABLE I (HPCE / SOLDER TAILS) PLATED THROUGH-HOLE REQUIREMENTS				
		DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER
POWER	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

NOTES:

1.

CONNECTOR MATERIALS:

HOUSING:

HIGH TEMPERATURE THERMAL PLASTIC, BLACK

UL 94V-0 COMPLIANT

CONTACTS:

HIGH PERFORMANCE COPPER ALLOY.

2.

CONTACT FINISH REF. GS-12-1261 SECTION 5.3.

3.

PRODUCT SPECIFICATION: GS-12-1261.

4.

APPLICATION SPECIFICATION: GS-20-128.

5.

PRODUCT MARKING ON HOUSING IN AREA SHOWN SHOULD MEET 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.

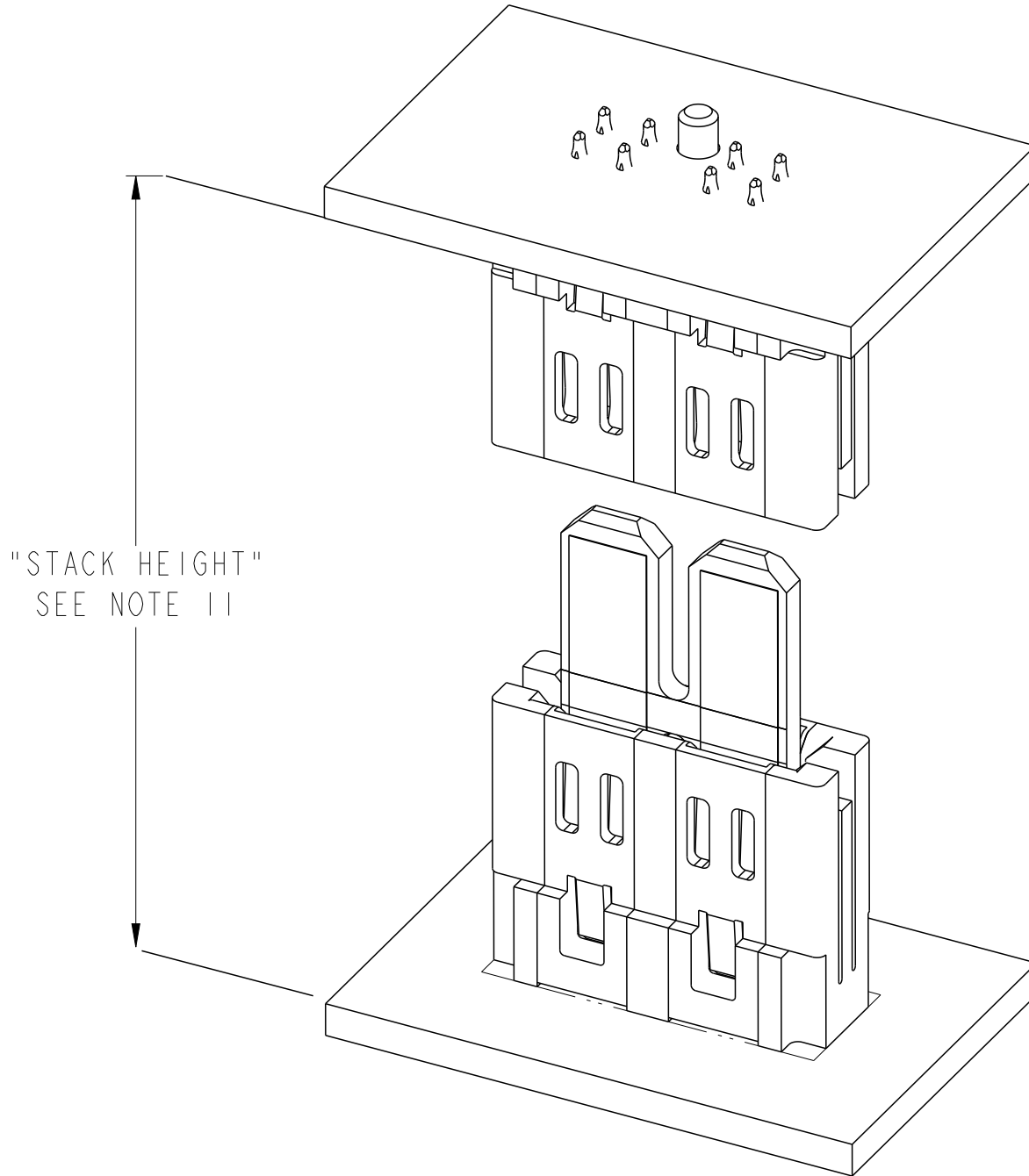
INTENDED USE: TWO ASSEMBLIES (P/N 10134991 MATE TO 10136109) MEZZANINE STACKED USING PCB TO CONTROL STACK HEIGHT.
DIM "L" + 10.98mm = FINAL MEZZANINE STACK HEIGHT.
DIM "L" RANGES FROM 21.02-46.62 mm .

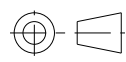
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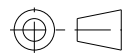
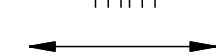
SEE DRAWING 10135823 FOR MATING PCB DETAIL

12.

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



spec ref		-		dr	Hai-Ling Liu	2015/07/09	projection		mm	size	A2	scale	1:1
tolerance std		-		eng	Sunny2 Liu	2016/06/07							
ISO 406		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Terris Liu	2016/06/16							
ISO 1101				appr	Pei-Ming Zheng	2016/06/16							
surface		linear	0.X	±0.5	Amphenol FCI	title	HPCE MEZZANINE	dwg no	10136109	rev	C		
			0.XX	±0.25									
			0.XXX	±0.10									
ASME Y14.5	angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 3 of 3						

spec ref -		dr		Hai-Ling Liu	2015/07/09			size	A2	scale	1:1
tolerance std		eng		Sunny2 Liu	2016/06/07			ecn no	ELX-DG-24234-1		
ISO 406		chr		Terris Liu	2016/06/16				Released		
ISO 1101		appr		Pei-Ming Zheng	2016/06/16				product family -		
surface ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED			title HPCE MEZZANINE 4LP WITH PEG		dwg no 10136109	rev C			
linear		0.X	±0.5	cat. no.		-		Product - Customer Drw		sheet 3 of 3	
		0.XX	±0.25								
		0.XXX	±0.10								
angular		0°	±2°								