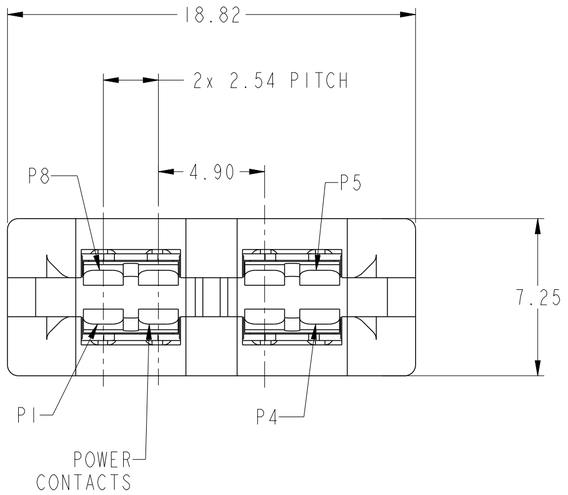
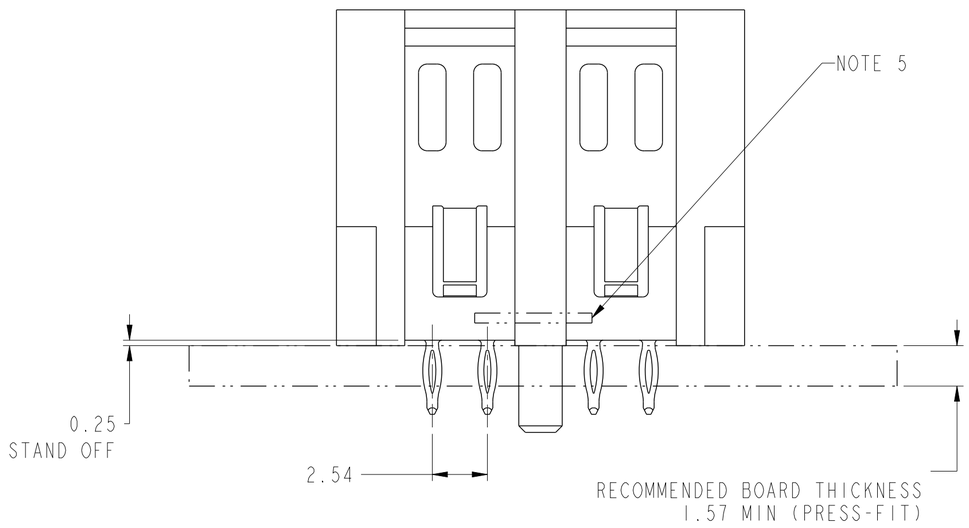
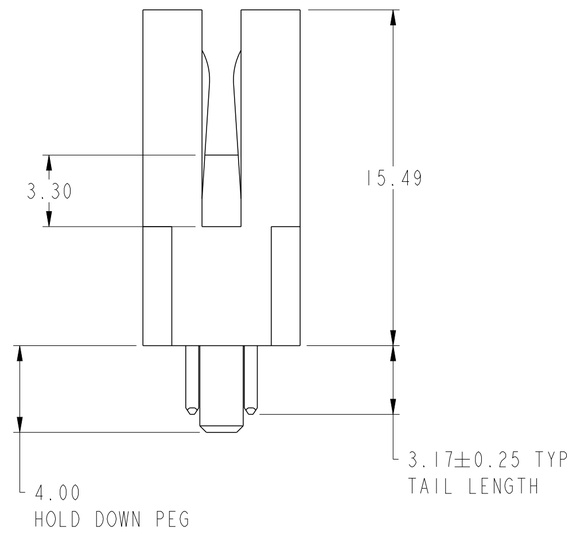
PART NUMBER	TAIL TYPE
10139324-001LF	PRESS FIT
10139324-002LF	SOLDER TAIL

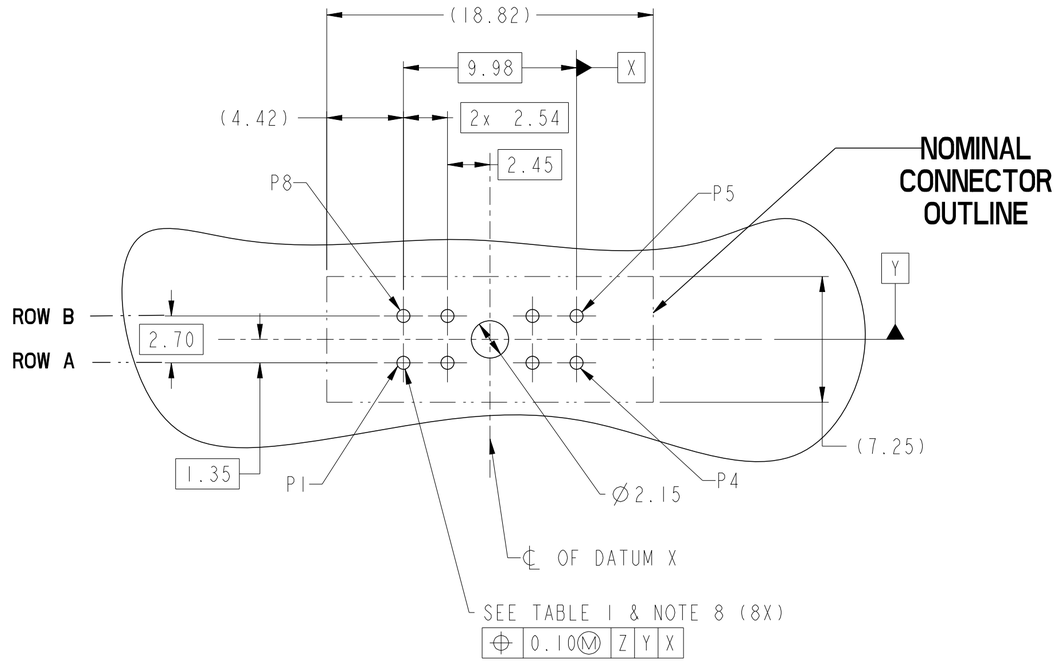


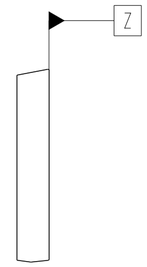




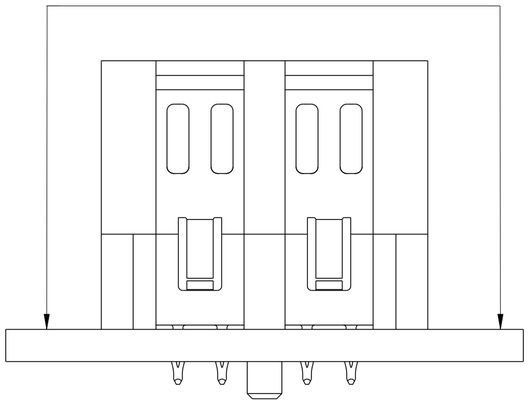
spec ref -			dr	Hai-Ling Liu	2016/04/13	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Hai-Ling Liu	2016/05/05		
			chr	Terris Liu	2016/05/04		
			appr	Pei-Ming Zheng	2016/05/05	product family	CARD EDGE
surface ASME Y14.5	linear	0.X ±0.5	Amphenol FCi	title	HPCE MEZZANINE 4LP WITH RIB	dwg no	10139324
		0.XX ±0.25					
		0.XXX ±0.10					
	angular	0° ±2°		cat. no. -	Product - Customer Drw		

size	scale	rev
A2	5:1	A
ecn no -		
rel level Released		
sheet 1 of 3		





RECOMMENDED PCB LAYOUT
VIEWED FROM CONNECTOR SIDE

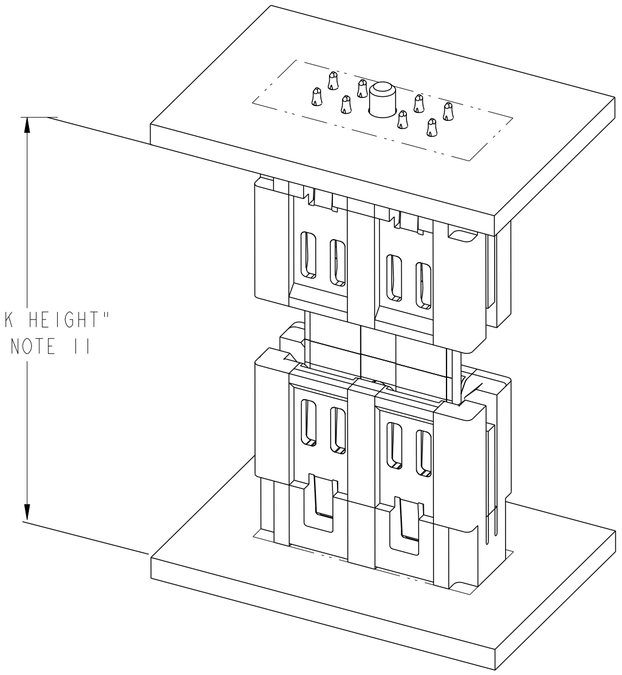


spec ref -			dr	Hai-Ling Liu	2016/04/13	projection	mm
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Hai-Ling Liu	2016/05/05		
			chr	Terris Liu	2016/05/04		
			appr	Pei-Ming Zheng	2016/05/05	product family -	

size A2	scale 2:1						
ecn no -							
rel level Released							
surface - ASME Y14.5	linear	0.X	±0.5	Amphenol FCi	title HPCE MEZZANINE 4LP WITH RIB	dwg no 10139324	rev A
		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 .
11. SEE DRAWING 10135823 FOR MATING PCB DETAIL

spec ref	-			dr	Hai-Ling Liu	2016/04/13	projection	mm	size A2	scale 1:1
tolerance std ISO 406 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Hai-Ling Liu	2016/05/05			ecn no -	
				chr	Terris Liu	2016/05/04				
				appr	Pei-Ming Zheng	2016/05/05	product family -		rel level Released	
surface ASME Y14.5	linear	0.X	±0.5	Amphenol FCi	title	HPCE MEZZANINE 4LP WITH RIB			dwg no 10139324	rev A
		0.XX	±0.25							
		0.XXX	±0.10							
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 3 of 3	