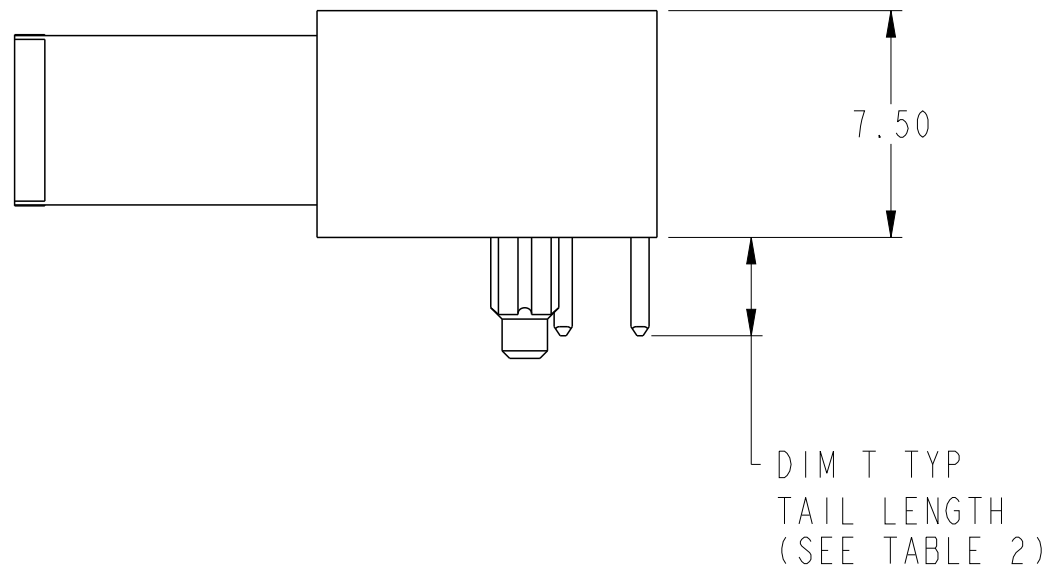
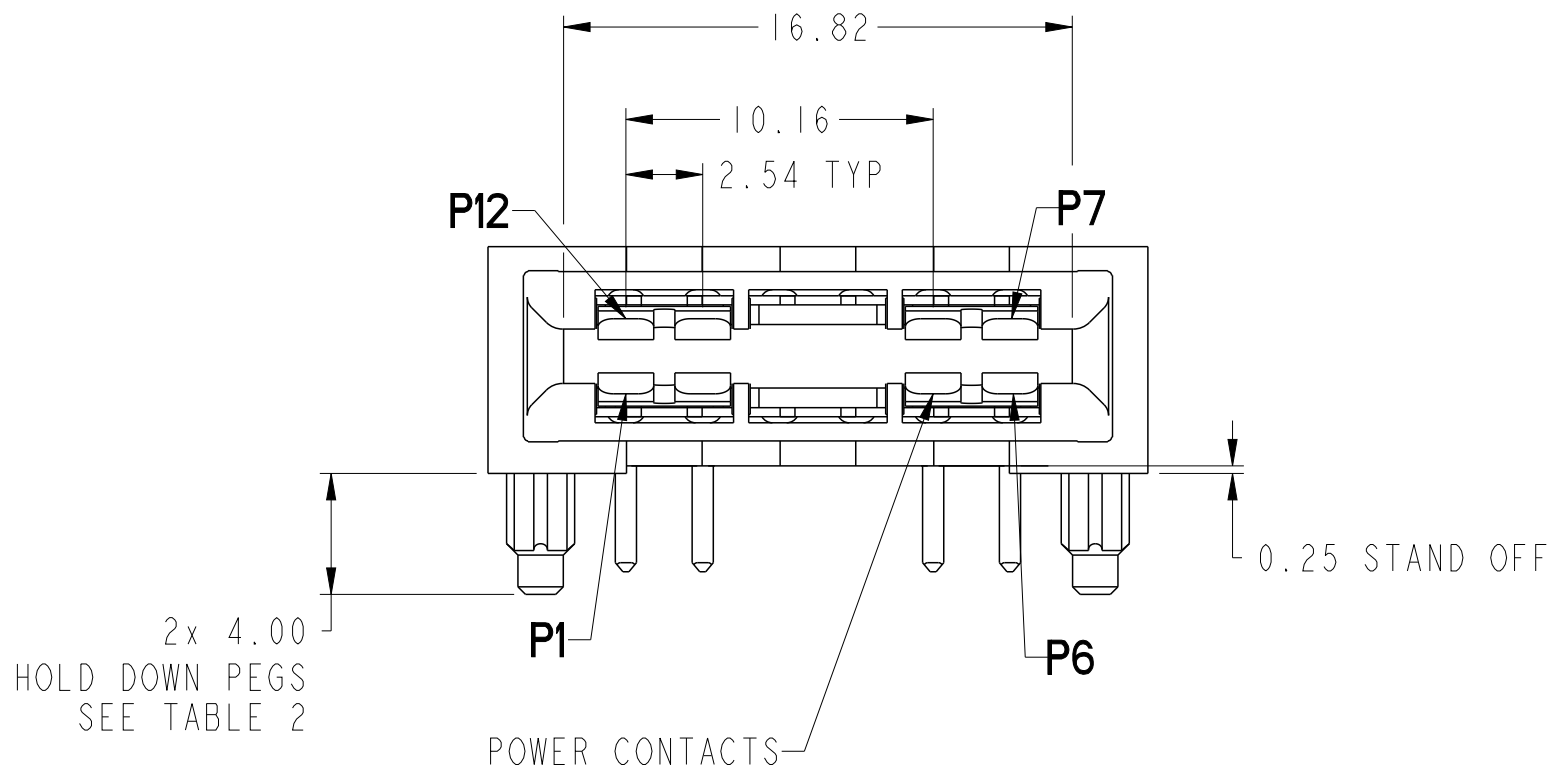
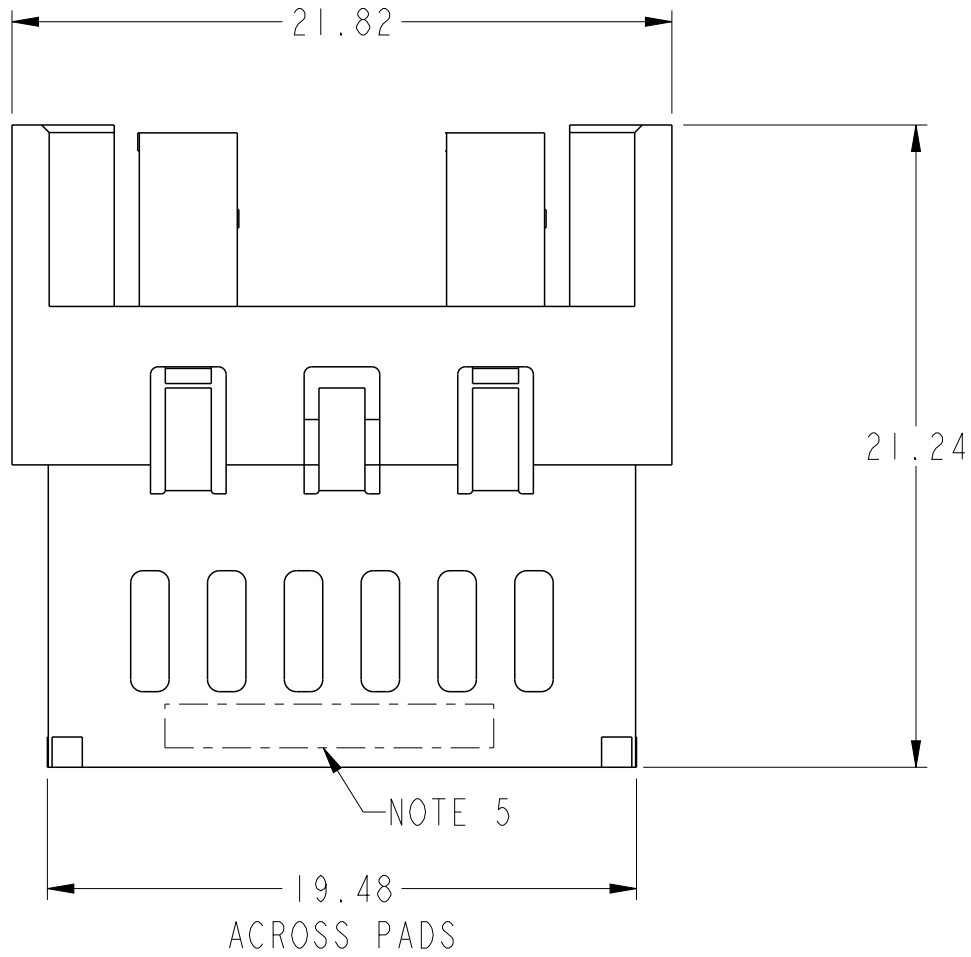

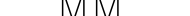


Amphenol
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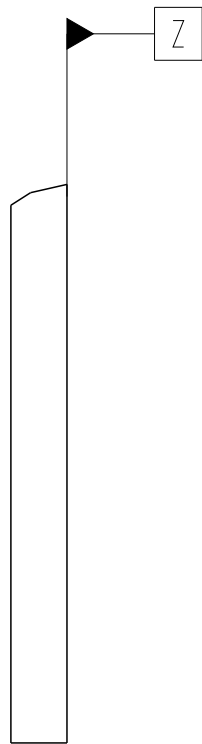
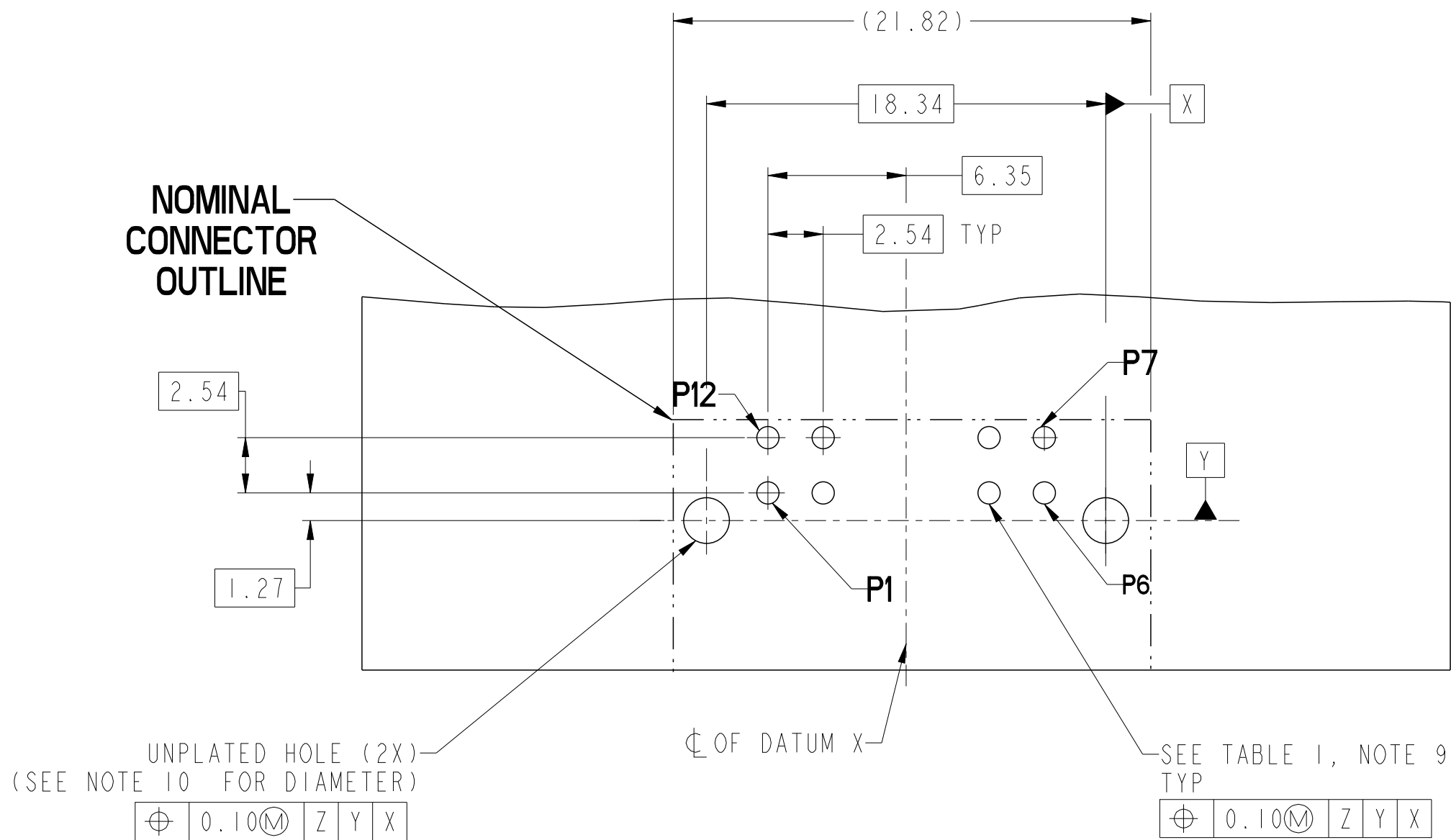
spec ref -				dr Hai-Ling Liu 2015/04/20		projection 	MM 	size A2	scale 4:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Sunny2 Liu 2016/05/05		ecn no ELX-DG-24036-1			rel level Released			
ISO 406			chr Terris Liu 2016/05/20								
ISO 1101			appr Pei-Ming Zheng 2016/05/24								
product family -											
surface		linear	0.X	±0.50	Amphenol FCI	title HPCE R/A REC 6LP OMITTED 2LP	dwg no 10134812	rev B			
ISO 1302			0.XX	±0.25							
			0.XXX	±0.10							
		angular	0°	±2°	cat. no. -		Product - Customer Drw			sheet 1 of 4	

PDS: Rev :B

STATUS:Released

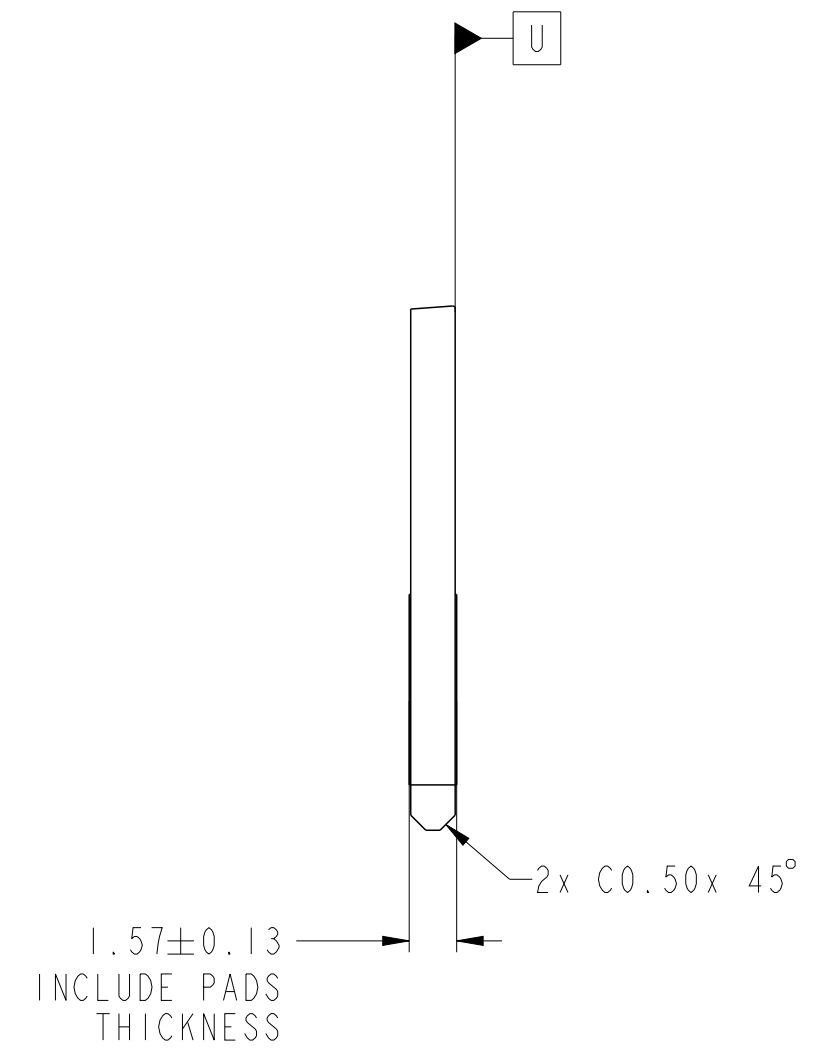
Printed: May 24, 2016

1		2		3		4		5		6		7		8	
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

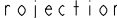



spec ref -				dr Hai-Ling Liu		2015/04/20		projection		MM		size A2		scale 4:1					
tolerance std				eng Sunny2 Liu		2016/05/05						ecn no		ELX-DG-24036-1					
ISO 406				chr Terris Liu		2016/05/20						rel level		Released					
ISO 1101				appr Pei-Ming Zheng		2016/05/24		product family		-									
surface		linear		Amphenol FCI		title		HPCE R/A REC		dwg no		10134812		rev		B			
																		0.X ±0.50	
																		0.XX ±0.25	
		0.XXX ±0.10																	
ISO 1302		angular 0° ±2°		cat. no.		-		Product - Customer Drw		sheet 2 of 4									



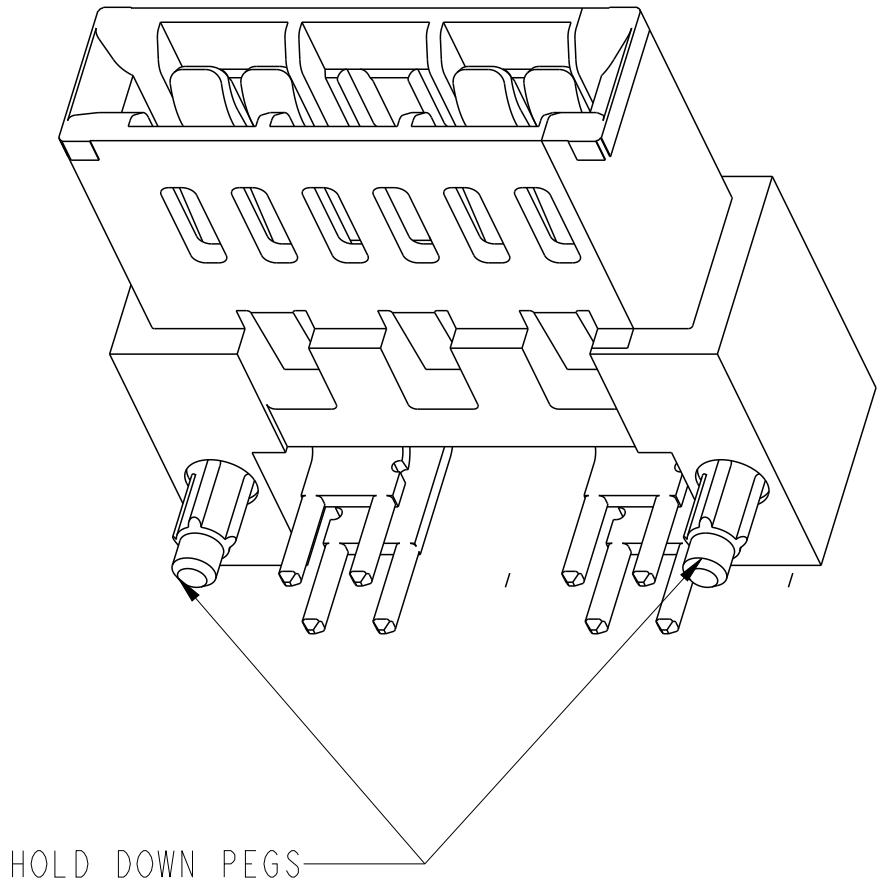
PDS: Rev :B

STATUS: Released

Printed: May 24, 2016

spec ref		-		dr		Hai-Ling Liu		2015/04/20		projection				MM		size		A2		scale		4:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/05						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						product family		-							
surface				linear		Amphenol FCI		title		HPCE R/A REC 6LP OMITTED 2LP		dwg no		10134812		rev		B					
				0.X																±0.50			
				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	DIM "T" TYPICAL TAIL LENGTH
10134812-001LF	SOLDER TAIL	YES	2.60±0.50
10134812-002LF		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		Hai-Ling Liu		2015/04/20		projection		MM		size		A2		scale		4:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Sunny2 Liu		2016/05/05						ecn no		ELX-DG-24036-1							
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surface		-		linear		0.X		±0.50		Amphenol FCI		title		HPCE R/A REC		dwg no		10134812		rev		B	
				0.XX		±0.25																	
				0.XXX		±0.10																	
ISO 1302		angular		0°		±2°						cat. no.		-		Product - Customer Drw		sheet 4 of 4					