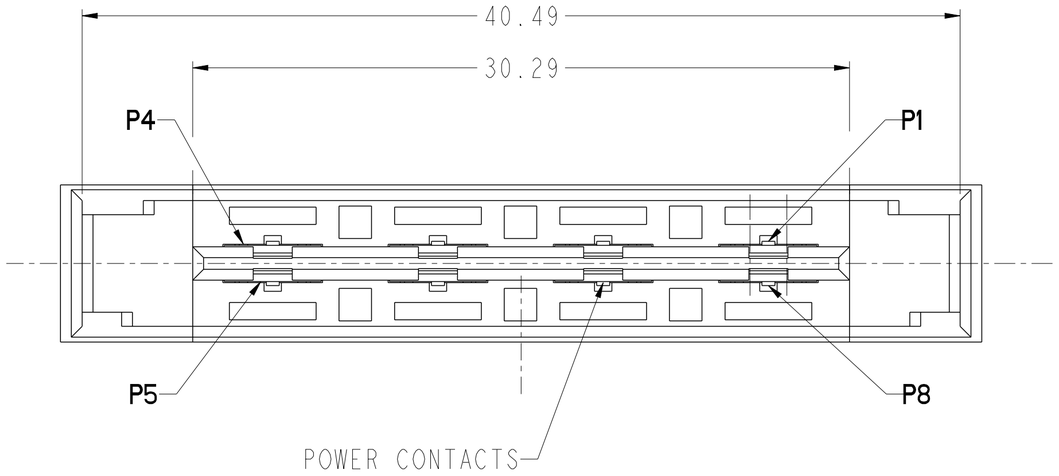
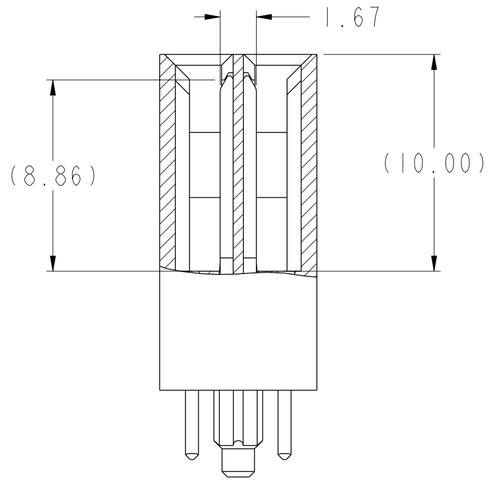
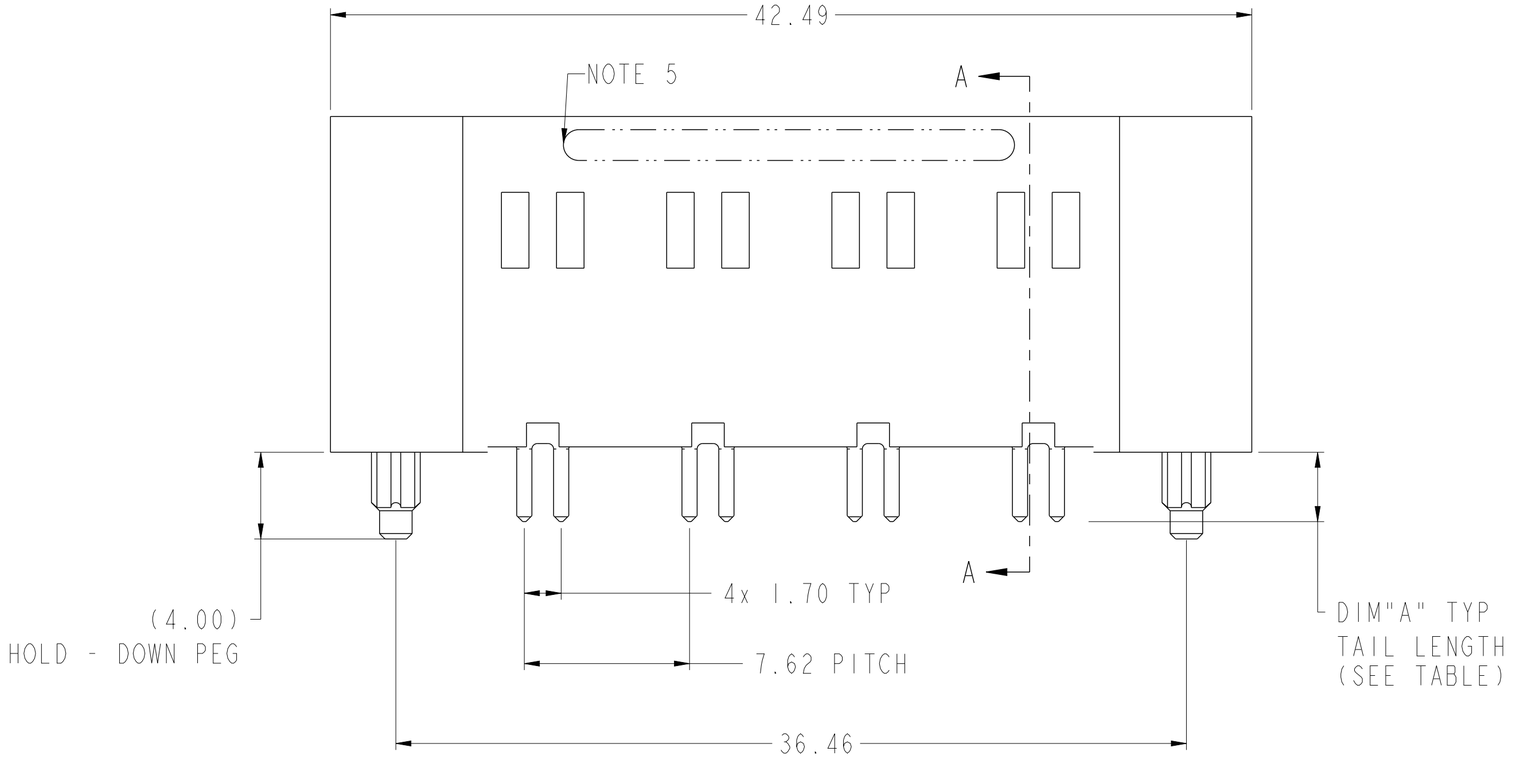
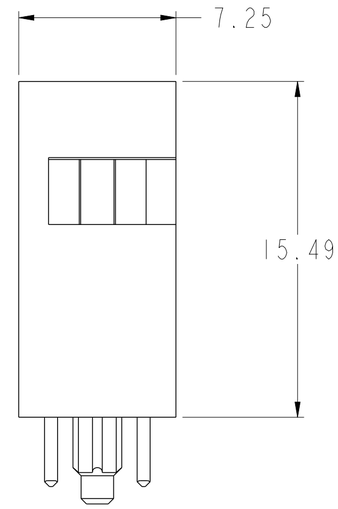
SOLDER TAIL TYPE DRAWING





SECTION A-A
SCALE 5:1





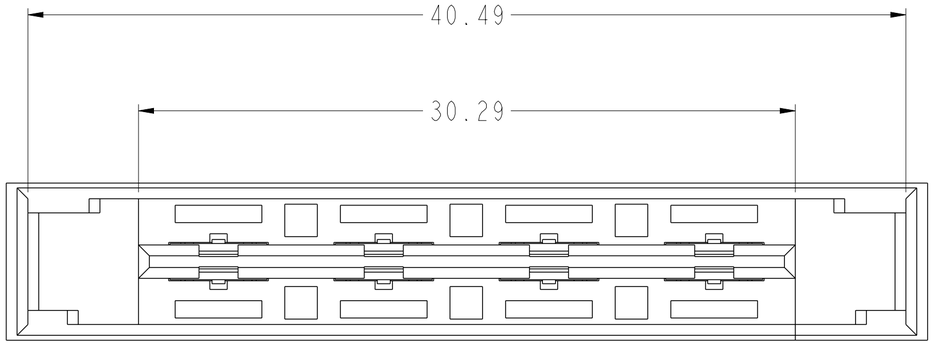
spec ref -				dr	Hai-Ling Liu	2016/02/21	projection	mm	size A2 / scale 5:1
tolerance std ASME Y14.5 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Hai-Ling Liu	2016/03/01			
				chr	Terris Liu	2016/03/01			ecn no -
				appr	Pei-Ming Zheng	2016/03/01	product family -		rel level Released
surface - ASME Y14.5	linear	0.X	±0.50	Amphenol FCi	title: HPCE CTB VT HEADER 4HP WITH LATCH			dwg no 10138796	rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 1 of 4

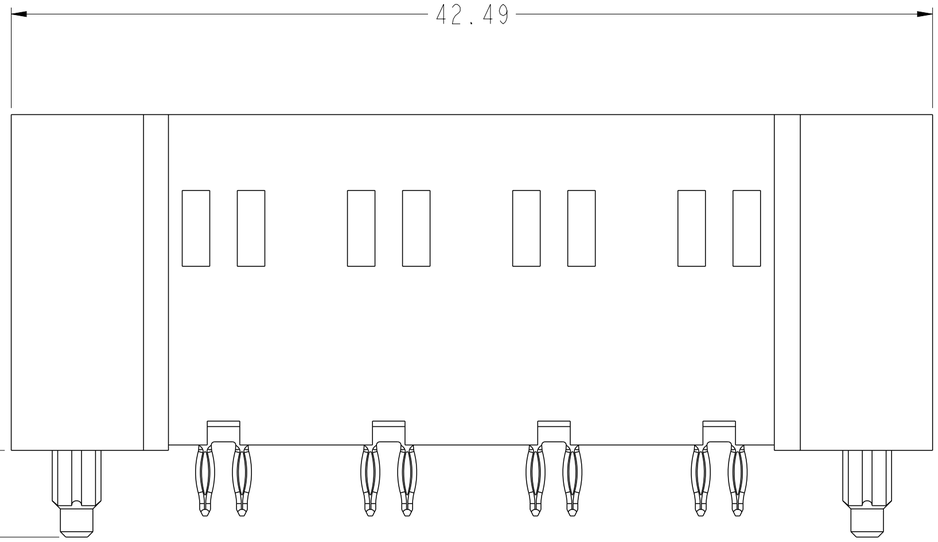
Amphenol FCi
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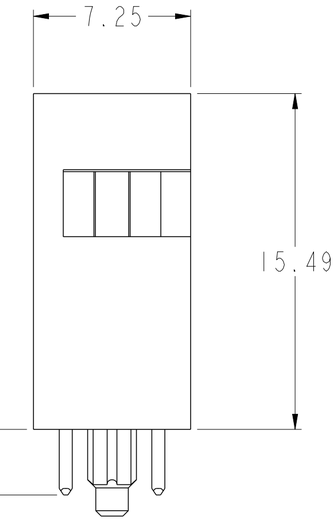
Cres File - REV E - 2016-02-12

PDS: Rev :A STATUS: Released Printed: Mar 01, 2016

PRESS FIT TAIL TYPE DRAWING







ORTHER DIMMENSIONS ARE SAME AS PAGE 1(SOLDER TAIL TYPE)

spec ref	-			dr	Hai-Ling Liu	2016/02/21	projection	mm	size A2 / scale 5:1
tolerance std ASME Y14.5 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Hai-Ling Liu	2016/03/01			ecn no -
				chr	Terris Liu	2016/03/01			
				appr	Pei-Ming Zheng	2016/03/01	product family -		rel level Released
surface - ASME Y14.5	linear	0.X	±0.50	Amphenol FCi	title: HPCE CTB VT HEADER 4HP WITH LATCH			dwg no 10138796	rev A
		0.XX	±0.25						
		0.XXX	±0.10						
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 2 of 4

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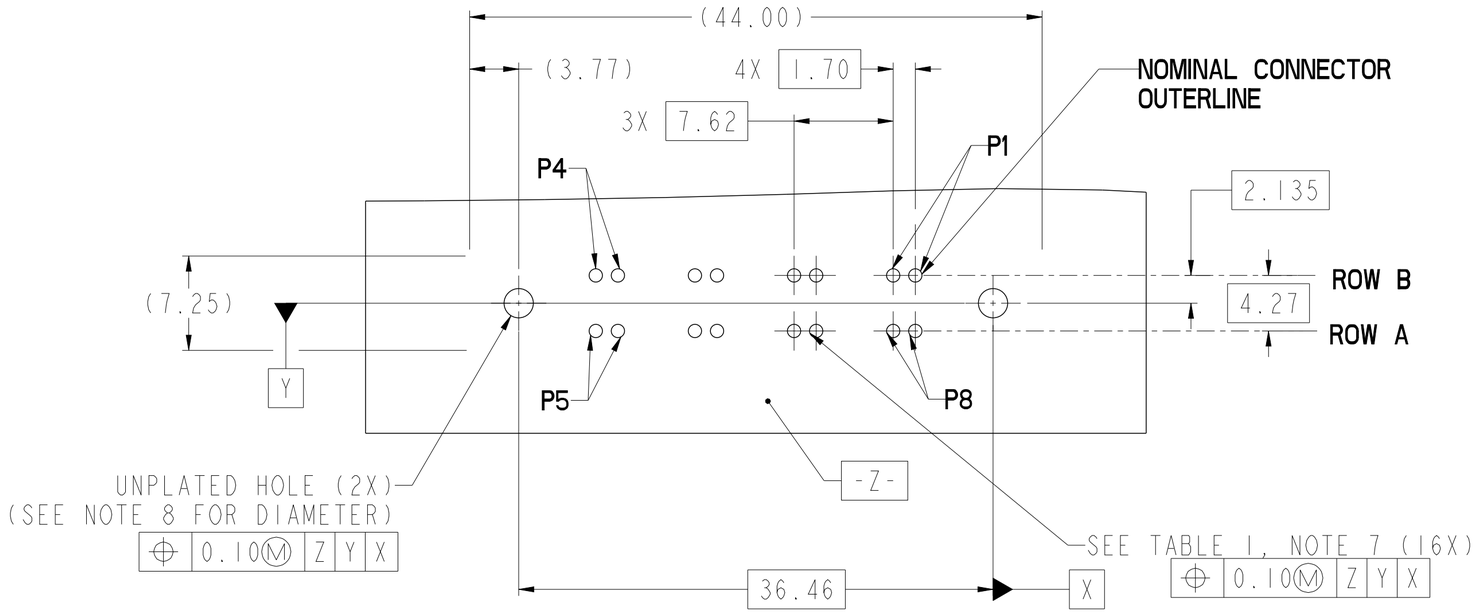
Amphenol FCi

Creo File - REV E - 2016-02-12

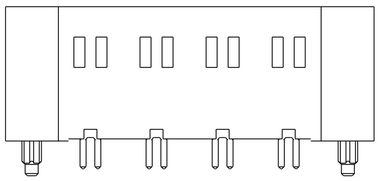
PDS: Rev :A STATUS: Released Printed: Mar 01, 2016

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	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

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	TIN-LEAD	8.10-8.60 (0.85 DRILL)	0.025 - 0.050	0.005 - 0.015	--	0.65 - 0.80
	IMMERSION TIN	8.10-8.60 (0.85 DRILL)	0.025 - 0.050	--	0.9 - 1.5um	0.70 - 0.80
	COPPER (SEE NOTE 8)	8.10-8.60 (0.85 DRILL)	0.025 - 0.050	--	--	0.70 - 0.80



RECOMMENDED PCB LAYOUT
VIEW FROM CONNECTOR SIDE



SCALE 2:1

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spec ref	-			dr	Hai-Ling Liu	2016/02/21	projection	mm	size A2 / scale 3:1
tolerance std ASME Y14.5 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Hai-Ling Liu	2016/03/01			
				chr	Terris Liu	2016/03/01			ecn no -
				appr	Pei-Ming Zheng	2016/03/01	product family -		rel level Released
surface -	linear	0.X	±0.50	Amphenol FCI	title	HPCE CTB VT HEADER	dwg no	10138796	rev A
		0.XX	±0.25			4HP WITH LATCH			
ASME Y14.5		0.XXX	±0.10						
	angular	0°	±2°		cat. no. -	Product - Customer Drw			sheet 3 of 4

PRODUCT PART NUMBER

10138796-□□□□□LF

BASE PART NUMBER

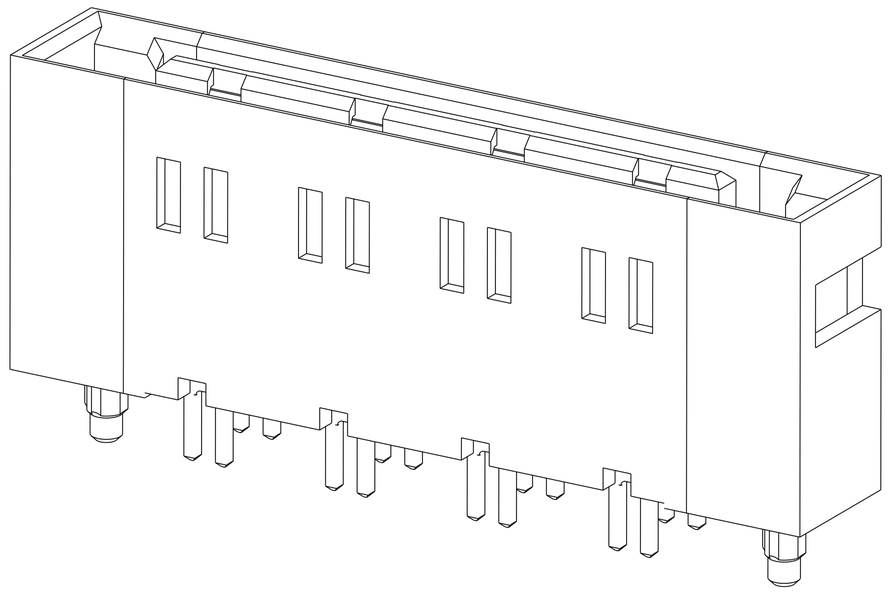
CONTACT AREA PLATING
UNDERPLATED 50u"(1.27um) MIN. NICKEL
1: 100u"(2.5um) MIN. Ag
2: 30u"(0.760um) MIN. GXT

DIM "A", TAIL LENGTH
1: 2.60±0.25mm (STB TAIL,PCB THK 1.57±0.13mm)
2: 3.25±0.25mm (STB TAIL ,PCB THK 2.36±0.13mm)
3: 3.04±0.25mm (PF TAIL ,PCB THK 1.57MM MIN)

FIRST MATE LAST BREAK PIN POSITION
000: ALL PINS ARE LONG PINS

NOTES:

1. CONNECTOR MATERIALS:
   HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, BLACK UL 94V-0 COMPLIANT
   CONTACTS: HIGH PERFORMANCE COPPER ALLOY.
2. CONTACT FINISH REF. GS-12-1031 SECTION 5.2
3. PRODUCT SPECIFICATION: GS-12-1031
4. APPLICATION SPECIFICATION: GS-20-0369
5. PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION GS-24-007.
6. PACKAGING MEETS FCI SPECIFICATION GS-14-2272
7. ALL HOLE SIZES ARE FINISHED HOLE SIZES.
8. MOUNTING HOLES ARE UNPLATED
   ∅ 2.25±0.05 FOR SOLDER TAILS
   ∅ 2.40±0.10 FOR PF TAILS



spec ref -			dr	Hai-Ling Liu	2016/02/21	projection	mm	size A2	scale 5:1
tolerance std ASME Y14.5 ISO 1101	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Hai-Ling Liu	2016/03/01				
			chr	Terris Liu	2016/03/01			ecn no -	
			appr	Pei-Ming Zheng	2016/03/01	product family -		rel level Released	
surface - ASME Y14.5	linear	0.X ±0.50	Amphenol FCi	title	HPCE CTB VT HEADER 4HP WITH LATCH			dwg no 10138796	rev A
		0.XX ±0.25							
		0.XXX ±0.10							
	angular	0° ±2°			cat. no. -	Product - Customer Drw		sheet 4 of 4	

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