

5	6	7	8

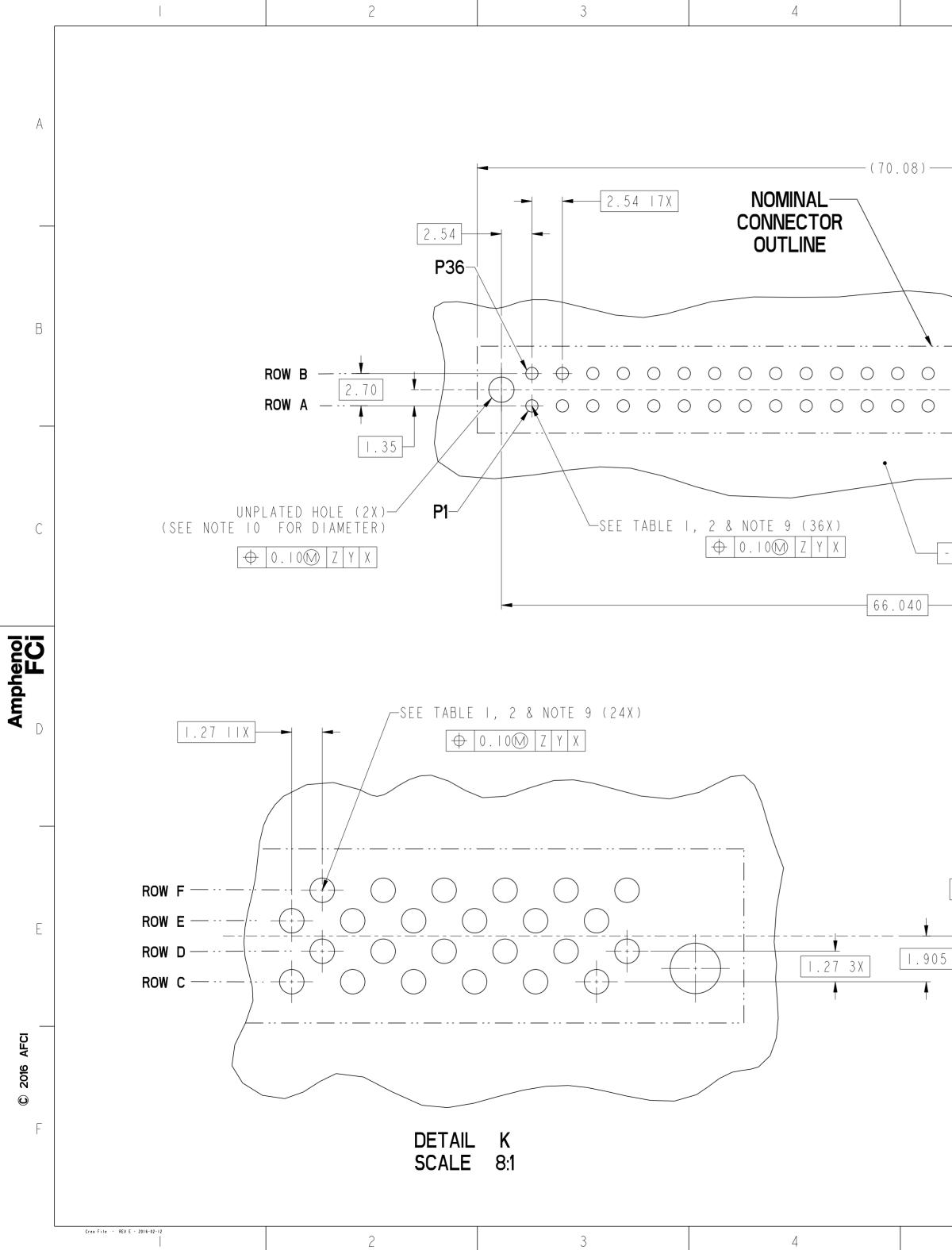
В

С

D

E

spec ref	-			dr	Tim Houtz		2010/04/08	proj	ection		ММ	size	scale	
tolerance std				eng	Feng Zheng		2016/12/22		$\square$			A 2	4:	
-	I TOLEK	ANCES U	INLESS ECIFIED	chr	Terris Liu		2016/12/23	$\square$		-		ecn no	ELX-DG-25730-1	
ASME YI4.5		IUL UIL		appr	Pei-Ming Zheng		2016/12/23	product	family		CARD EDGE	rel level	Released	
		0.X	±0.3		hand	<sup>₽</sup> \/Г		36D -	2151		o u			rev
surface -	linear	0.XX	±0.1	AW			➡ VERT RECT (36P 24S)		Ø		101145	10114587		
		0.XXX	±0.05	]	FUI	⁺ HIG	H POWER CARD	EDGE			d x			C
ASME YI4.5	angular	0°	±2°	www.	fci.com	cat. no		-	Pro	oduc t	- Custome	er Drw	sheet I of	4
5 005.0					•				Polosod			rinted: De		



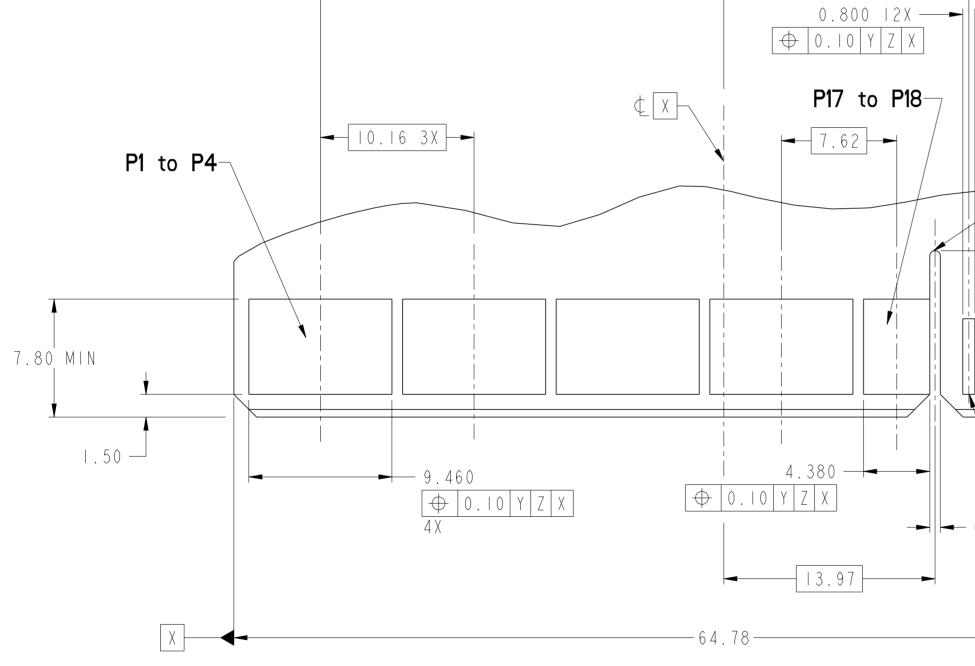
		1
	3.50	A
P19		В
<b>P1</b>	SEE DETAIL K	С
	RECOMMENDED PCB LAYOUT	D
Y 5		E
	spec ref - dr Tm Hourz 20100408 projection MM size Acale   tolerance std - TOLERANCES UNLESS OTHERWISE SPECIFIED eng Peng Zheng 2016/1222 - - - Acl 4:1   ASME Y14.5 O.X ±0.3 oppr Peidling Zheng 2016/1223 product family CARD EDGE rel level Released   surface - 0.XX ±0.1 Amphenol - VERT RECT (36P 24S) 2 - - C - </td <td>F</td>	F

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		2	3	4	5	6	7	8
	CONTACT TYPE	TOP LAYER	I	TABLE I (HPCE / SOLDER TAILS PLATED THROUGH-HOLE REQUIREMEN				
	CONTRCT TITL	DESCRIPTION	DRILLED HOLE DIAMETER	COPPER TIN-LEAD THICKNESS THICKNESS		NISHED DIAMETER		
A	POWER & SIGNAL	IMMERSION TIN I.	10-1.16 (1.15 DRILL) 0	.025 - 0.050 0.005 - 0.015 .025 - 0.050	0.9 - I.5um 0.94	+ -  . 0 + -  . 0		A
		COPPER (SEE NOTE 8) I.	10-1.16 (1.15 DRILL) 0	.025 - 0.050	0.94	-  . 0		
_	CONTACT TYPE	TOP LAYER		TABLE 2 (HPCE / PRESS-FIT TAIL PLATED THROUGH-HOLE REQUIREMEN				
			DRILLED HOLE DIAMETER	COPPERTIN-LEADTHICKNESSTHICKNESS	THICKNESS HOLE	N I SHED D I AMETER		
В	POWER & SIGNAL	IMMERSION TIN 0.	81-0.86 (0.85 DRILL) 0	.025 - 0.050 0.005 - 0.015   .025 - 0.050 - -   .025 - 0.050 - -	0.9 - I.5um 0.70	$\frac{5}{0} - 0.80$ $\frac{1}{0} - 0.80$		В
		COFFER (SEE NOTE O)   U.	01-0.00 (0.05 DRILL) 0	.025 - 0.050	0.70	0.00		
_								
			26.67		- I.27 IIX		Y	
				0.800  2X				
С			¢	P17 to P18		POLARIZATION SLOT	N KEY OPTION	
		P1 to P4-	.   6 3X	7.62		(CORRESPONDS TO ORIENTATIC /SEE TABLE 3)	JN KET OFFICIN	
<u>G</u>								
Amphenol FCi					S12			
A					<u>і</u> і і попопопо (			D
	7.80 MIN					6.50 Min. Z	0.50 — 2X _	
_	<u> </u>	50						
			→ 9.460	4.380 → → → → → → → → → → → → → → → → → → →	$\sim$	- I.50 4X		→ I.57±0.13
E			4 X		$-0.700$ $45^{\circ} \pm 2^{\circ}$ $4X$		45°	2X E
6 AFCI			RECOM	MENDED MATING BOARD FOOTPRINT				
50								



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www	.fci.com	cat. no.	1	-	Pro	duct -	Customer	Drw	sheet 3 of	4
Amj	phenol FCi	÷ VEF + HIGH	RT RECT (		245)		dwg no	101145	87	rev C
appr	Pei-Ming Zheng	2	2016/12/23	product	family	С	ARD EDGE	rel level	Released	
chr	Terris Liu 2		2016/12/23	$\square$				ecn no	ELX-DG-25730-1	
eng	Feng Zheng		016/12/22					A 2	4:	
dr	Tim Houtz 20		010/04/08	projection		ММ		size	scale	

A							
А			HPCE PAF	RT NUMBER (TABLE 3)			
	PART NUMBER	T A I L T Y P E	ORIENTATION KEY	DIM "A" TYPICAL TAIL LENGTH	DIM "B" TYPICAL TAIL LENGTH	DIM "C" RECOMMENDED BOARD THICKNESS	
	10114587-001LF	SOLDER	YES	2 1 7 1 0 2 5		1.59 - 2.38	
	10114587-002LF	SOLDER	NO	— 3.17 ±0.25	3.17 ±0.25	1.33 <i>L</i> .30	
	10114587-003	PRESS-FIT	YES				
В	10114587-003LF	PRESS-FIT	YES	2 1 7 1 0 25		I.57	
	10114587-004	PRESS-FIT	NO	— 3.17 ±0.25	3.17 ±0.25	MIN	
	- 10114587-004LF	PRESS-FIT	NO				
	10114587-005LF	SOLDER	YES	4 05 1 0 25	2 75 10 25	2 2010 19	
C	10114587-006LF	SOLDER	NO	— 4.05 ±0.25	3.75 ±0.25	3.20±0.18	
Amphenol FCi	HC CC	NTACTS: HI	GH TEMPERATURE T UL 94V-0 GH PERFORMANCE C GS-12-604 SECTION				
	4. APPLIC		ATION: GS-20-128				
			- PARI NUMBER & SPECIFICATION GS-	DATE CODE) ON HOUSING IN 14-937.	N AREA SHOWN.		
E	(7.) HOUSIN FOR 60	IG COMPONENT WIL ) SECONDS IN A C	L WITHSTAND EXPO CONVECTION, INFRA	SURE TO 260°C PEAK TEMPE -RED, OR VAPOR PHASE REF	ERATURE FLOW OVEN.		
	8. COPPER	PLATING THICKN		VIA-HOLE CAN BE NO MORE		N OTHER AREAS.	
016 AFCI	(10) MOUNTI Ø Ø	NG HOLES ARE UN 2.40 +/- 0.1 F 2.10 +/- 0.1 F	IPLATED OR PRESS-FIT TAIL OR SOLDER TAILS	LS			
<b>0</b> 70		'MBOL WILL BE NE The current dra		ION, VIEW, OR NOTE WHICH	H HAS BEEN MODIFIED		dr Tim Houtz 2010/04/08 projection MM size scale   eng Feng Zheng 2016/12/22 Image: Construction of the state MM A2 4:1   chr Terris Liu 2016/12/23 Image: Construction of the state MM size scale   appr Pei-Ming Zheng 2016/12/23 Image: Product family CARD EDGE rel level Released   Amphenol Image: Pei-Ming Zheng 2016/12/23 Image: Product family CARD EDGE Image: Pei-Ming Zheng rev   Image: Pei-Ming Zheng 2016/12/23 Image: Product family CARD EDGE Image: Pei-Ming Zheng Image: Pe

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