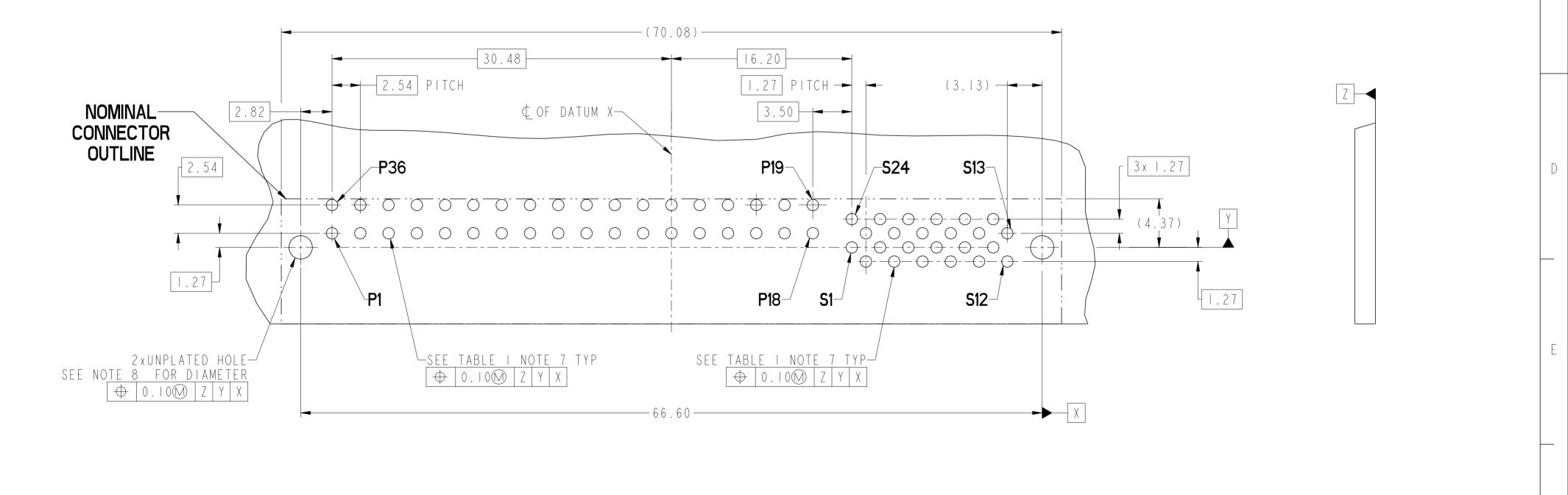


5	6	7	8

5			PDS	5: R e	v :A			STA	TUS:F	Released		Pri	nted: May	y 18, 2016	
ASME YI4.5	angular	0°	±2°			cat.n	٥.		-	Pro	oduct –	Customer	Drw	sheet I of	4
		0.XXX	±0.10		FUI	± 8HI	P2LP24S					a ⊳			
surface -/	linear	0.XX	±0.25	Aml	phenol FCi	— ПГ + 	CE NA	RECI				D	101395	85	
		0.X	±0.5	A	shanal	l⊸ HF	PCE RA	DECT	г			0 L			гe
ASME YI4.5				appr	Pei-Ming Zheng	1	2016/05/18	р	roduct	family		HPCE	rel level	Released	
-		VISE SPE	ECIFIED	chr	Terris Liu		2016/05/18		Ψ				ecn no	-	

	I	2	3	4		5		6	7	8	
		TOP LAYER		TABLE I (HPCE PLATED THROUGH	E / SOLDER TAIL -HOLE REQUIREM						
A	CONTACT TYPE	DESCRIPTION	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER				А
_		TIN-LEAD	I.IO-I.I6 (I.I5 DRILL)	0.025 - 0.050	0.005 - 0.01	5	0.94 - 1.10	-			
	POWER	IMMERSION TIN	I.IO-I.I6 (I.I5 DRILL)	0.025 - 0.050		0.9 - I.5um	0.94 - 1.10				
		COPPER	I.IO-I.I6 (I.I5 DRILL)	0.025 - 0.050			0.94 - 1.10				
-								_			
		TOP LAYER		TABLE I (HPCE PLATED THROUGH	E / SOLDER TAIL -HOLE REQUIREM						_
	CONTACT TYPE	DESCRIPTION	DRILLED HOLE DIAMETER	COPPER THICKNESS	TIN-LEAD THICKNESS	TIN THICKNESS	FINISHED HOLE DIAMETER				
ВГ		TIN-LEAD	0.93-1.02 (1.00 DRILL)	0.025 - 0.050	0.005 - 0.01	5	0.85 - 0.95	1			В
	SIGNAL	IMMERSION TIN	0.93-1.02 (1.00 DRILL)	0.025 - 0.050		0.9 - I.5um	0.85 - 0.95				
		COPPER	0.93-1.02 (1.00 DRILL)	0.025 - 0.050			0.85 - 0.95				



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	2	3	4	

С

Amphenol FCi

E

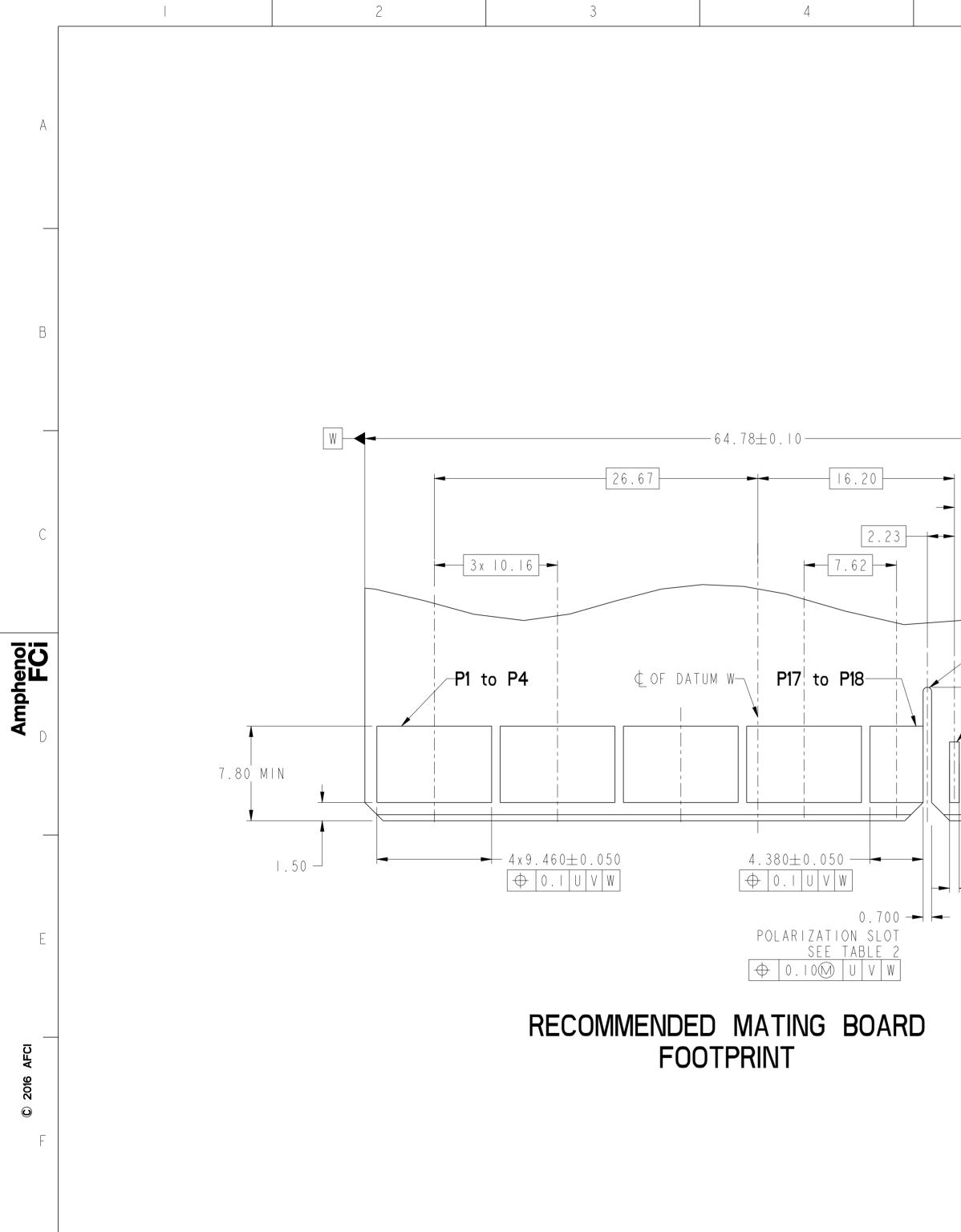
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spec ref	-			dr	Sunny2 Liu	2016/05/09	projection	N	ИМ	size	scale	
tolerance std				eng	Sunny2 Liu	2016/05/18			/ V	A 2	4:1	
-	I OLEH	RANCES I	UNLESS ECIFIED	chr	Terris Liu	2016/05/18				ecn no	-	
ASME YI4.5	OTHEN	VIJE JII		appr	Pei-Ming Zheng	2016/05/18	product family		-	rel level	Released	
		0.X	±0.5			CE RA REC			0			rev
surface -/	linear	0.XX	±0.25		phenol ≟ HP FCi ≟ ,				on D	101395	85	
		0.XXX	±0.10]		P2LP24S			d w			Α
ASME YI4.5	angular	0°	±2°		cat. n	٥.	-	Product –	Customer	Drw	sheet 2 of	4
5			PDS	5: Re	v :A	ST	ATUS:Releas	ed	Pri	inted: May	/ 18, 2016	

С



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5	6	7	8	
				А
				В
- 1.27 PITCH		- ION KEY OPTION		С
	6.50 MIN	V		D
− 12x0.800±0.050 ⊕ 0.1 U V W	4 x C I . 500	2xC0.500-	I.57±0.13 ACROSS PADS	E
ASME YI4.5 surface - linear ASME YI4.5 angular	RANCES UNLESS VISE SPECIFIED $0.X \pm 0.25$ $0.XX \pm 0.10$ $0^{\circ} \pm 2^{\circ}$ eng chr rerisLiu appr Pei-Ming Zheng appr Pei-Ming Zheng appr ei-Ming Zheng eng appr ei-Ming Zheng eng appr ei-Ming Zheng eng eng appr ei-Ming Zheng eng eng eng appr ei-Ming Zheng eng eng eng appr eng eng appr eng eng eng appr eng eng appr eng eng eng appr eng	PIG/05/18 Product family E RA RECT LP24S - Product		F
5	PDS: Rev :A	STATUS:Released	Printed: May 18, 2016	

			2		3			
		HF(, E PARI NUMDI	ER (TABLE 2)				
	PART NUMBER	T A I L T Y P E	HOLD-DOWN OPTION	ORIENTATION KEY	DIM A TY TAIL LENG			
	10139585-001LF		NO	YES				
	10139585-002LF	-	NO	NO	2 25 4 0 2	E		
	10139585-003LF	-	VEC	YES	- 3.25±0.23	C		
	10139585-004LF		YES	NO				
	10139585-005LF	-	NO	YES				
	10139585-006LF	SOLDER	NO	NO		5		
	10139585-007LF	TAIL	VEC	YES	- 4.05±0.23			
	10139585-008LF		YES	NO				
	10139585-009LF				NO	YES		
	10139585-010LF			NO	- 4.85±0.21	5		
	10139585-011LF		VES	YES	4.0J±0.2	5		
_	10139585-012LF		YES	NO				

NOTES:

(8.)

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I. 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.) ALL HOLE SIZES ARE FINISHED HOLE SIZES.

MOUNTING HOLES ARE UNPLATED otin 2.18 +/- 0.03 FOR SOLDER TAILS

Creo File - REV E - 2016-02-12				
	2	3	4	
				1

5	6	7	8
			A
			В
			C
	HOLD DOWN		
			E
spec ref - tolerance std TOLEF - ASME YI4.5 surface - ASME YI4.5 angular 5	eng Sunny2 Liu 2 chr Terris Liu 2 chr Terris Liu 2 0.X ±0.5 0.XX ±0.25	ot6/05/18 ot6/05/18 product family CE RA RECT PLP24S	MM A2 4:1 ecn no HPCE rel level Released Customer Drw sheet 4 of 4 Printed: May 18, 2016