

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

5	6	7	8	
				А
7.25		5. AC	66 Ross pads	В
DIM"A" TAIL LENGTH (SEE TABLE 3)			5.49	С
4.00				D
				E
spec ref - tolerance std ISO 406 ISO 1101 surface ISO 1302 angular 5	RANCES UNLESS $VISE SPECIFIED$ $ \begin{array}{c cccc} eng & Sunny2 Liu & 20 \\ chr & Terris Liu & 20 \\ appr & Pei-Ming Zheng & 20 \\ \hline 0.X & \pm 0.5 \\ 0.XX & \pm 0.25 \end{array} $ $ \begin{array}{c ccccc} eng & Sunny2 Liu & 20 \\ \hline chr & Terris Liu & 20 \\ \hline eng & Sunny2 Liu & 20 \\ \hline eng &$	TRECT (20P) POWER CARD EDGE	MM Size A2 L:1 ecn no ELX-DG-24036-1 rel level Released rev D10125025 B Customer Drw sheet 1 of 4 Printed: May 24, 2016	F

		2	3	4	5		6	7	8
		TOP LAYER		TABLE I (HPCE / SOLDER TA PLATED THROUGH-HOLE REQUIRI					
	CONTACT TYPE	DESCRIPTION	DRILLED HOLE DIAMETER	COPPER TIN-LEAD THICKNESS THICKNESS		FINISHED DLE DIAMETER			
A			10-1.16 (1.15 DRILL) 0.	.025 - 0.050 0.005 - 0.	015 0	.94 - I.IO			A
	POWER & SIGNAL			.025 - 0.050 .025 - 0.050		.94 - I.IO .94 - I.IO			
				ABLE 2 (HPCE / PRESS-FIT					
	CONTACT TYPE	TOP LAYER DESCRIPTION	DRILLED HOLE	COPPER TIN-LEAD	TIN	FINISHED			
		TIN-LEAD 0.		THICKNESS         THICKNESS           .025 - 0.050         0.005 - 0.000000000000000000000000000000	0	DLE DIAMETER .65 - 0.80			
В	POWER & SIGNAL			.025 - 0.050 .025 - 0.050		.70 - 0.80			В
				(3 .98)					
				27.94	►► X				
С				► <u>  .43</u>				Z	С
				6x 2.54	OF DATUM X				
		CONI	OMINAL <b>P20</b> NECTOR UTLINE				2 x  .35		
							(7.25)		
Amphenol FCi									
<b>A</b> D				$P \rightarrow \phi \rightarrow $					D
					· ·		<b>I</b>		
						<b>-P</b> 10			
		UNPLATED (SEE NOTE IO FOR	HOLE (2X) PI			FIO		DIM"B"	
		$ \oplus  \varnothing 0.10$		SEE TABLE I, S	& NOTE 9			RECOMMENDED BOARD THICKNESS	
E				$\oplus \emptyset 0.10 $	Z Y X			(SEE TABLE 3)	E
16 AFC									
© 201					specref -		dr Eric Jiang 2	013/04/10 projection	ANA size scale
F					tolerance std	TOLERANCES UNLESS THERWISE SPECIFIED	eng Sunny2 Liu 24 chr Terris Liu 24	016/05/06	V V          A 2         I:I         F           ecn no         ELX-DG-24036-1         F
						0.X ±0.5 0.XX ±0.25		RT RECT (20P)	rel level <b>Released</b> <sup>2</sup> <sup>5</sup> <sup>1</sup> 0125025
	Creo File - REV E - 2016-02-12					0.XXX ±0.10 gular 0° ±2°	cat. no.	POWER CARD EDGE Product	Customer Drw sheet 2 of 4

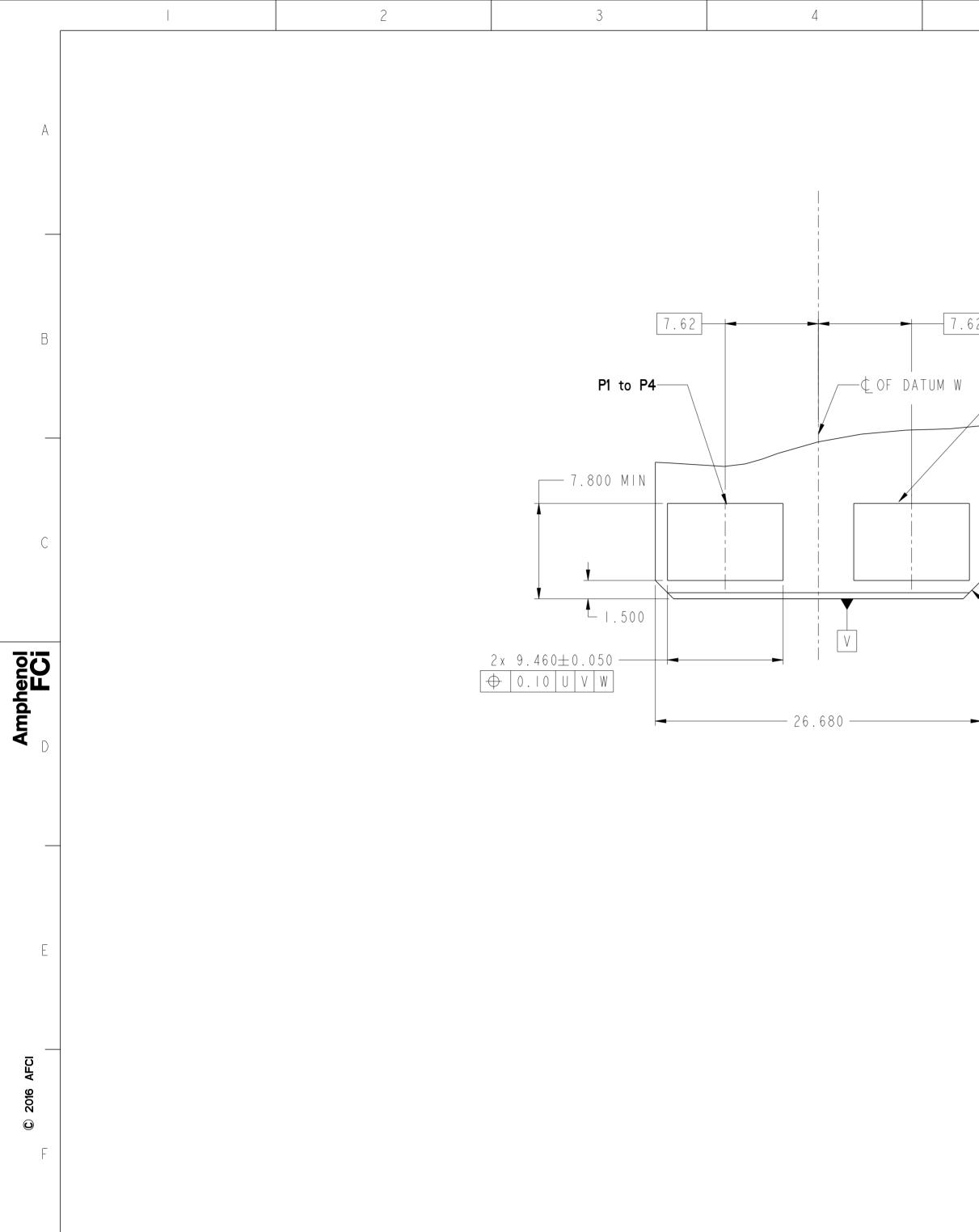
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PDS: Rev :B

STATUS:Released

Printed: May 24, 2016

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	2	3	4

J	0	1		0	7
					A
P5 to P8					В
-2x C1.500X45	ο	2x C0.500X45°—			С
			_ <b>_</b>	∣.57±0. 3 ACROSS PADS	D
					E
spec ref - tolerance std ISO 406 ISO 1101 TOLERA OTHERWI	dr     Eric Jiang       ANCES UNLESS SE SPECIFIED     eng     Sunny2 Liu       chr     Terris Liu       appr     Pei-Ming Zheng       0.X     ±0.5	2013/04/10     projection       2016/05/26     ↓       2016/05/24     product family       VEDT     DECT     (20D)	M M C	size A2 I:I ecn no ELX-DG-24036-1 rel level <b>Released</b> rev	 
surface linear ISO 1302 angular 5	0.XX ±0.25 0.XXX ±0.10		oduct - Custom	10125025 <b>B</b>	

			2	3	4
		HPC	E PART NUMBE	R (TABLE 3)	
А	PART NUMBER	T A I L T Y P E	ORIENTATIOI Key	N DIM "A" TAIL LENGTH	DIM "B" RECOMMENDED BOARD THICKNESS
	10125025-001LF	SOLDER	NO	3.17 ±0.25	1.59 - 2.38
	10125025-002LF	PRESS-FIT	NO	3.17 ±0.25	I.57 MIN

В

С

Amphenol FCi

NOTES:

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I. CONNECTOR MATERIALS:

HOUSING:	HIGH TEMPERATURE THERMAL PLASTIC,	BLACK
	UL 94V-0 COMPLIANT	
CONTACTS:	HIGH PERFORMANCE COPPER ALLOY.	

- CONTACT FINISH REF. GS-12-604 SECTION 5.2. 2.
- 3. PRODUCT SPECIFICATION: GS-12-604.
- APPLICATION SPECIFICATION: GS-20-128. 4.
- $\mathbb{B}(5)$ PRODUCT MARKING ON HOUSING IN AREA SHOWN MEETS AFCI SPECIFICATION: GS-24-007.
  - PACKAGING MEETS FCI SPECIFICATION GS-14-937. 6.
  - HOUSING COMPONENT WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 60 SECONDS IN A CONVECTION, INFRA-RED, OR VAPOR PHASE REFLOW OVEN. 7.
    - COPPER PLATING THICKNESS IN CENTER OF VIA-HOLE CAN BE NO MORE THAN 0.003 LESS THAN OTHER AREAS.
    - ALL HOLE SIZES ARE FINISHED HOLE SIZES.
    - MOUNTING HOLES ARE UNPLATED Ø 2.40 +/- 0.1 FOR PRESS-FIT TAILS  $\emptyset$  2.18 +/- 0.03 FOR SOLDER TAILS
  - II. PRESS FIT APPLICATION TOOL DRAWING : 10119453.
  - 12. A SYMBOL  $\cancel{B}$  will be next to any dimension, view, or note which has been MODIFIED WITH THE CURRENT DRAWING REVISION.

AFCI

2016

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	2	3	4	
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5	6	7	8

В

D

spec ref	-			dr	Eric Jiang		2013/04/10	proje	ction	N	1 N A	size	scale	
tolerance std	<b>TO 1 55</b>			eng	Sunny2 Liu		2016/05/06		$\square$	V	1M	A 2	1:1	
ISO 406	TOLERANCES UNLESS OTHERWISE SPECIFIED		RANCES UNLESS		Terris Liu		2016/05/20			-		ecn no	ELX-DG-24036-1	
ISO   0		NIGE OIL		appr	Pei-Ming Zheng		2016/05/24	product	family	•		rel level	Released	
		0.X	±0.5	A	shanal	♥ \/⊑[		(20D)			0 L			rev
surface /	linear	0.XX	±0.25			RT RECT (20P)		ଚ୍ଚ		101250				
0.XXX ±0.1		±0.10			+ HIG	H POWER CARD	) EDGE			a ⊳			B	
ISO I302	angular	0°	±2°			cat. no			Pro	oduct –	Customer	Drw	sheet 4 of	4
5			PDS	:Re	v :B		ST	ATUS:R	eleased		Pri	nted: May	24, 2016	