

Creo File:ELX-WC-A2C,REV F,2020-12-21				
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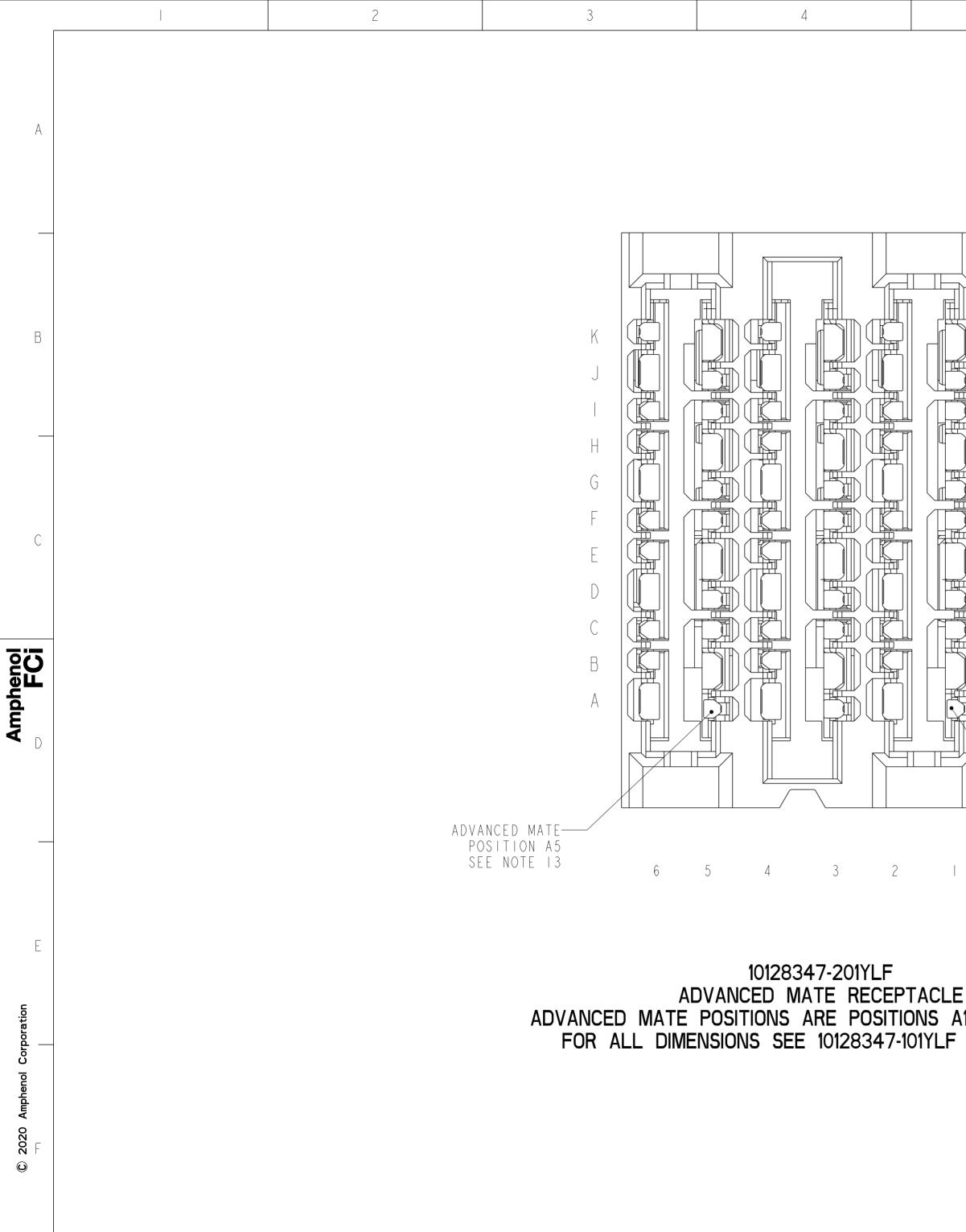
Amphenol

2020

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5	6	7	8

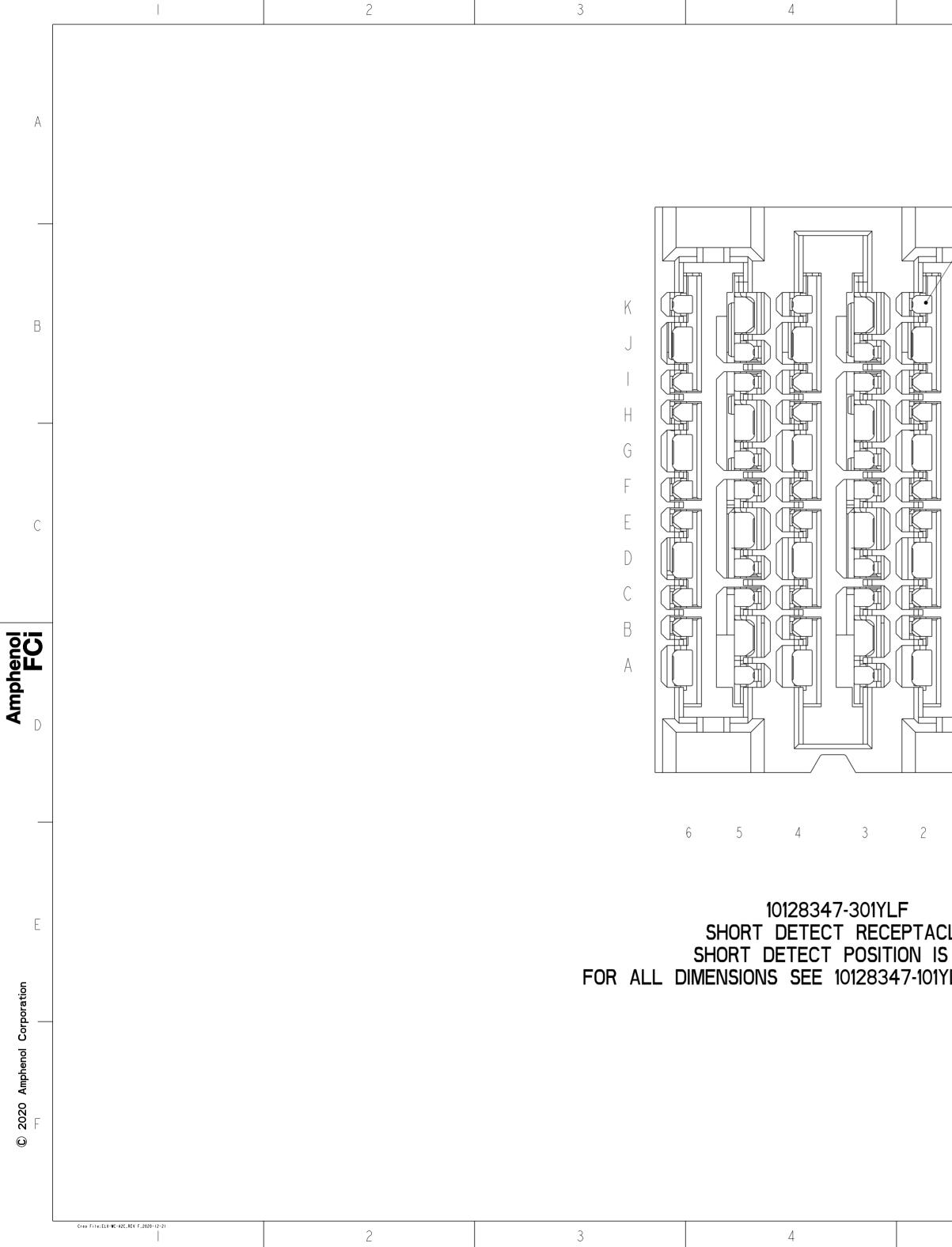
5			PDS	S: Re	v :D		ST	ATUS:R	eleased		Pri	nted: May	19, 2023	
V	angular	0°	±°			cat. no	•		Pro	oduct –	Customer	Drw	sheet I of	10
		0.XXX	$\pm.050$		FUI	+ ASS	′Y, 3 PR, 66	POS, 6	IMLA		d K			D
surface - /	linear	0.XX	±. 0	Amb	henol FCi	— ĽX	QMAA R. P	ι. ΠΕί	EF TAU	LC	ರಾ	101283	47	
		0.X	±.3	A	hanal	♥ E v	aMAX R.A		CDTAC	ΙC	0 L			rev
ASML 114.5M	OTHERW	IUL UIL		appr	Heaven Cen		2023/05/19	product	family		ExaMax	rel level	Released	
ASME YI4.5M		ANCES L		chr	-		-	\bigcirc	\subseteq	-		ecn no	ELX-DG-46873-1	
tolerance std				eng	Peng-Bing Fu		2023/01/06		\square	Įv	V	A 2	7:1	
spec ref	SEE NO	TES		dr	Daniel Xiao		2014/03/20	proje	ction	N	1M	size	scale	



Creo File:ELX-WC-A2C,REV F,2020-12-21				
	2	3	4	

5	6	7	8	
				A
				В
H G F E D C				С
A A A A A A A A A A A A A A A A A A A	ΜΑΤΕ			D
E A1 AND A5 ONLY ON SHEET 1	A 3			E

spec ref	SEE NO	DTES		dr	Daniel Xiao		2014/03/20	proj	ection	N	1M	size	scale	
tolerance std				eng	Peng-Bing Fu		2023/01/06		$-\square$	V	V	A 2	7:1	
ASME YI4.5M		RANCES U Vise spe		chr	-		-					ecn no	ELX-DG-46873-1	
ASML 114.JM	OTHER.	INCL OF L		appr	Heaven Cen		2023/05/19	product	family		ExaMax	rel level	Released	
		0.X	±.3	A	honal	° ⊑ ,	aMAX R.A				o u			rev
surface -	linear	0.XX	±. 0	Ami	ohenol FCi	— L X	UMAA N. F	<. NL\	CLITAC		σ	101283	47	
		0.XXX	$\pm.050$			+ ASS	′Y, 3 PR, 66	, POS, 6	ô IMLA		d A			D
V	angular	0°	±°			cat. no	·		Pro	oduct –	Customer	Drw	sheet 2 of	10
5		PDS: Rev :D				STATUS Released				Pri	inted: May	19, 2023		



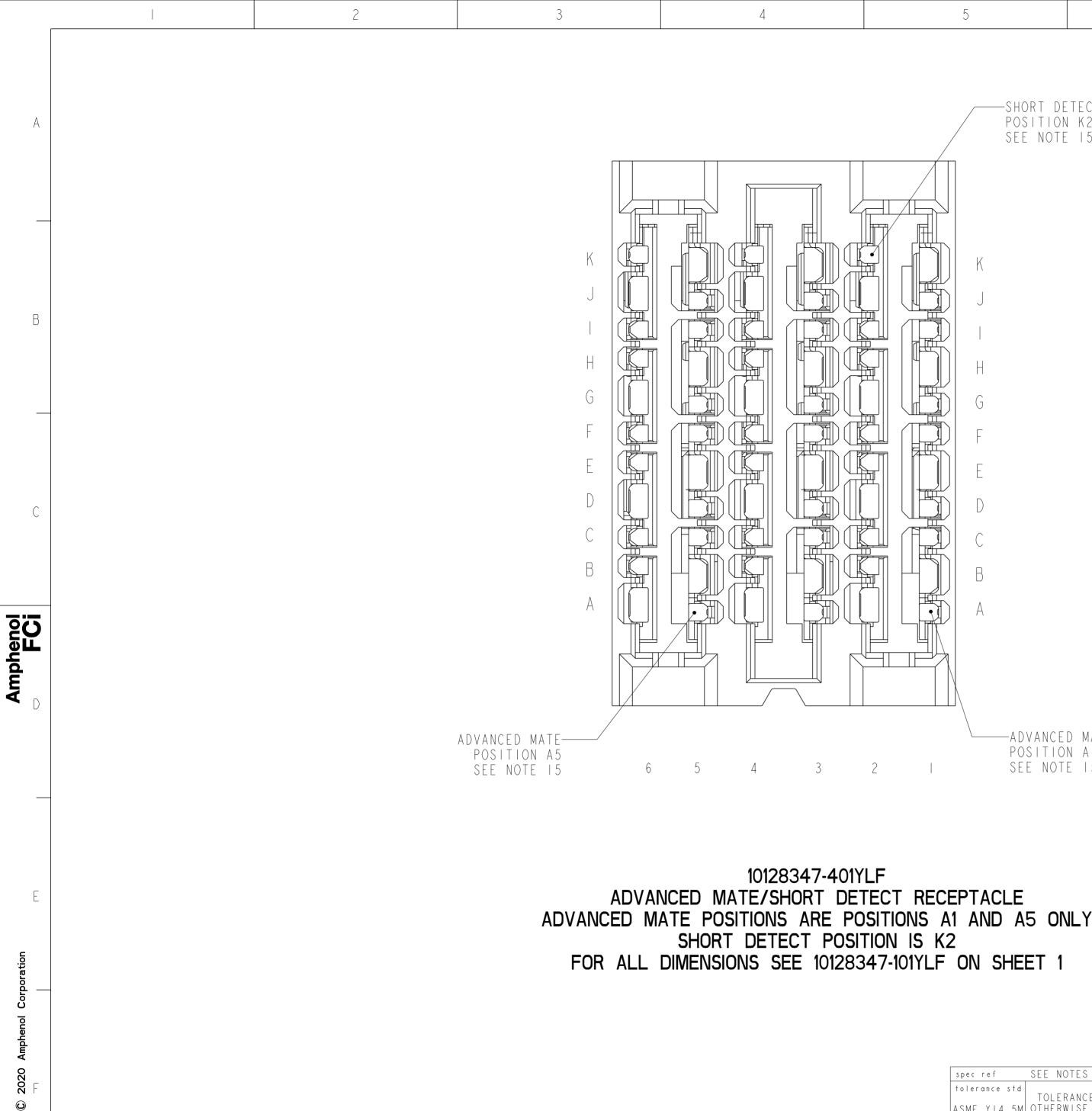
	5					6				7				8		_
/		POS	RT DE ITION NOTE	К2												A
		K J I														В
		G F D C														С
		B														D
CLE S K2 YLF (ON S	HEE.	Т 1													E
		cestd 14.5M		ANCES ISE SPI 0.X		dr Daniel Xi eng Peng-Bir chr - appr Heaven (Amphen	ng Fu Cen	2014/03/20 2023/01/06 - 2023/05/19 X Q M A X		projection 	-]	MM ExaMa e	ecn no X rel lev	ELX-DG-46		F
	surface		linear angular	0.XX 0.XXX 0°	±.10 ±.050 ±°	FC	Ci ÷ AS	- , - ,	PR, 66 F	RECEP POS, 6 IML		- Custom		8347 sheet	D 3 of 10	

PDS: Rev :D

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Printed: May 19, 2023

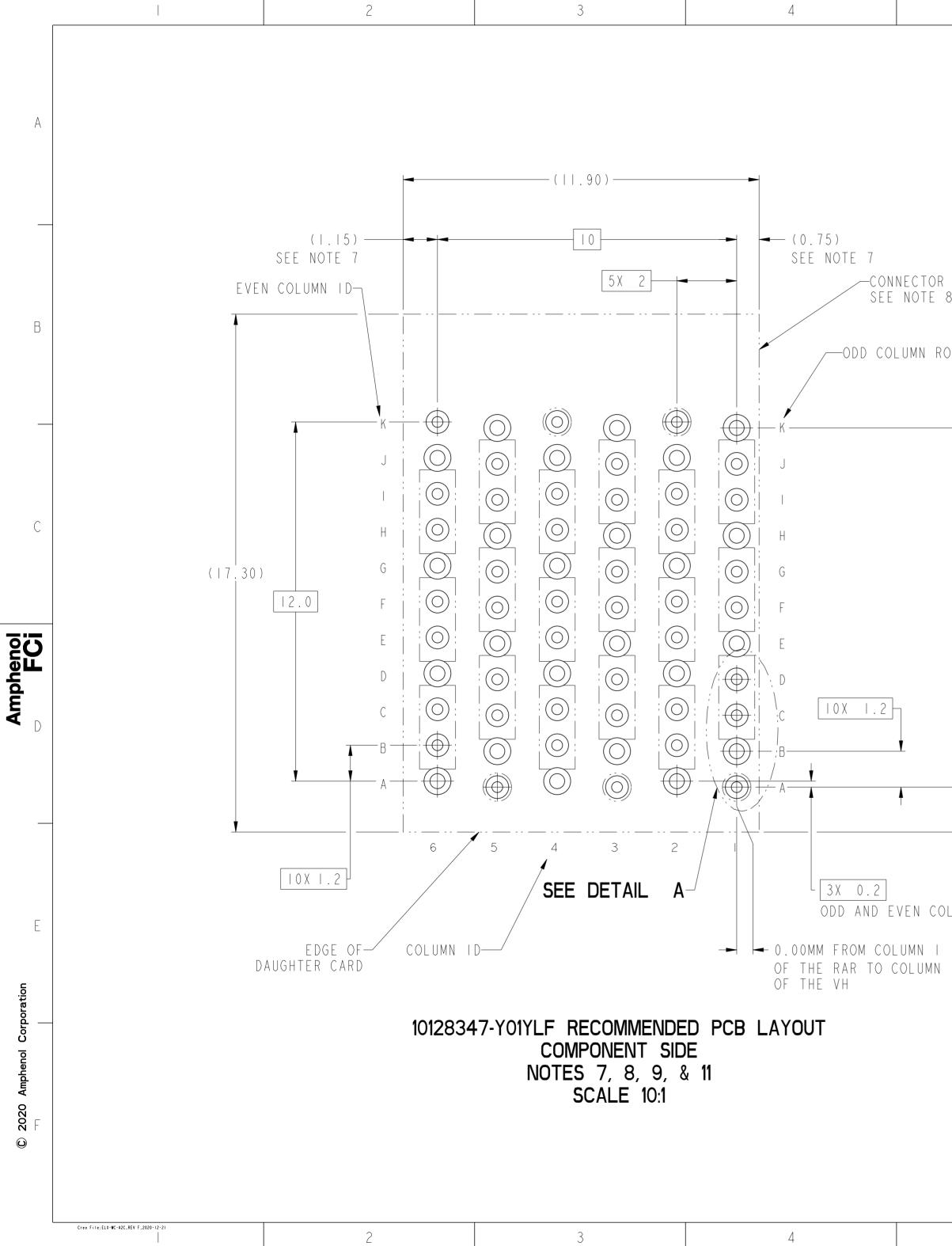
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Creo File:ELX-WC-A2C,REV F,2020-12-21

5	6	7	8	
SHORT DE POSITION SEE NOTE	VK2			A
				В
F E D C B				С
A A A DVANCEI POSITIOI SEE NOTE	N A I			D
RECEPTACLE NS A1 AND A5 ON	ΛLΥ			E

spec ref		SEE NO	DTES		dr	Daniel Xiao		2014/03/20	proje	ction	۸.	4 1 4	size	scale	
toleranc	e std				eng	Peng-Bing Fu		2023/01/06		\square		ИM	A 2	7:1	
	1 5M		RANCES U WISE SPE		chr	-		-			-		ecn no	ELX-DG-46873-1	
A SME II	4.JM		WIJE JIL		appr	Heaven Cen		2023/05/19	product	family	•	ExaMax	rel level	Released	
			0.X	±.3	A	shanal	♥ ⊑ √	aMAX R.A		`EDTAC	` E	o u			rev
surface	- /	linear	0.XX	±. 0	Ami	FCi					/ L L	Ø	101283	347	
	\backslash		0.XXX	$\pm.050$			+ ASS	´Y, 3 PR, 66	POS, 6	IMLA		d v			D
	v	angular	0°	±°			cat. no	'.		Pro	oduct –	Customer	Drw	sheet 4 of	10
5				PDS	6: Re	v :D		ST	ATUS:R	eleased		Pr	inted: May	y 19, 2023	

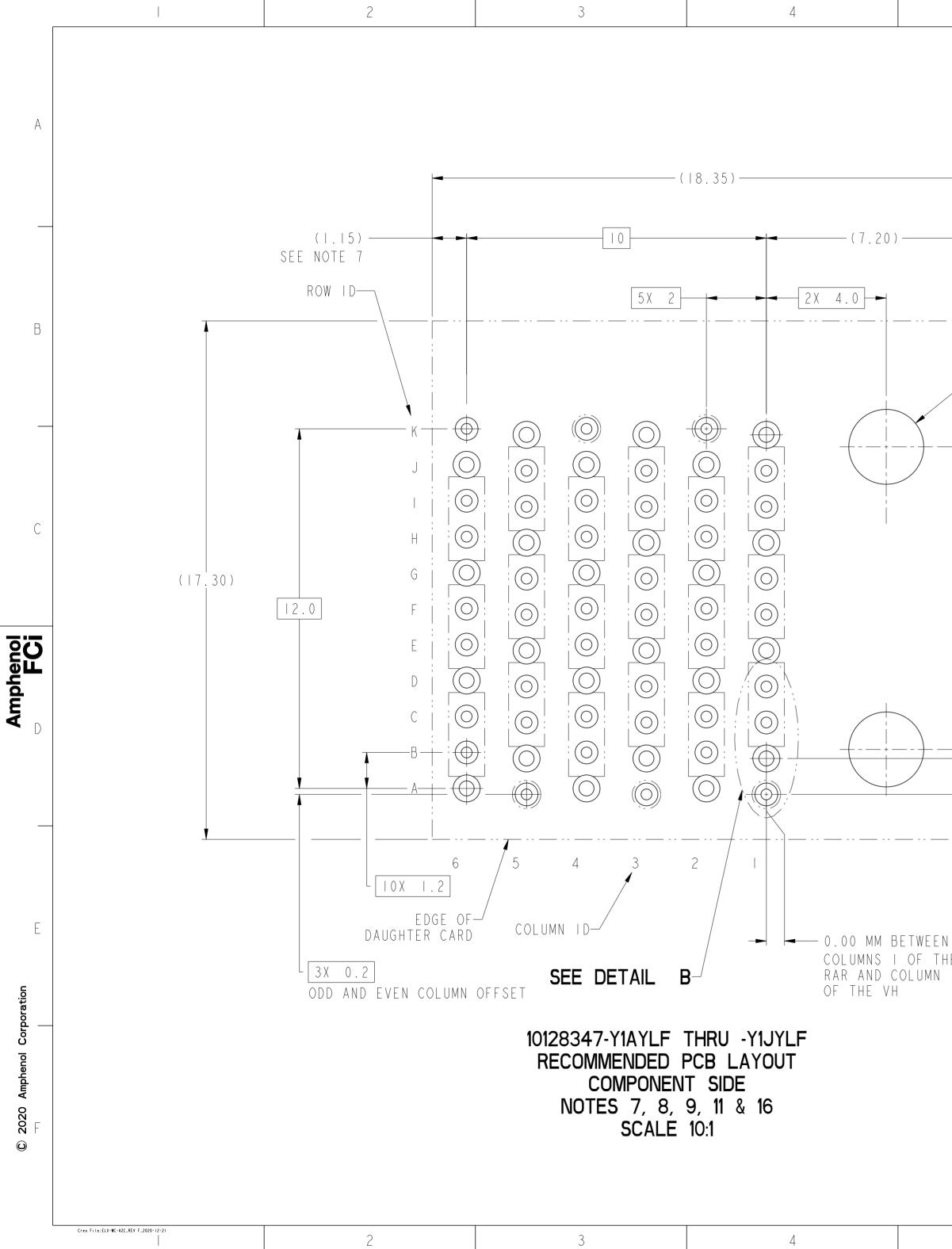


5	6	7	8	
				A
R OUTLINE 8 Row ID		I 8X SEE	ANTIPAD NOTE II	В
12.0	I 8 X ANTI SEE NOTE			C
	\oplus			D
I.50 MAX		DETAIL A SCALE 20:1		E

spec ref		SEE NO	DTES		dr	Daniel Xiao		2014/03/20	proje	ction	L N	1 N /	size	scale	
tolerance	e std	T 0 1 F F			eng	Peng-Bing Fu		2023/01/06		\square	/	1M	A 2	7:1	
ASME YI	1 5M	I OLEH OTHERV	RANCES L Vise spe	JNLESS	chr	-		-			-		ecn no	ELX-DG-46873-1	
ASML II	4.JM	0 III LINI	NIUL UIL		appr	Heaven Cen		2023/05/19	product	family		ExaMax	rel level	Released	
			0.X	±.3	A	shanal	^ی د ر	aMAX R.A		CDTAC	ΊΓ	0 L			rev
surface	- /	linear	0.XX	±. 0	Am	FCi	— L X	UMAA N. F	\cdot	LIIAU	/ L L	D D	101283	47	
	\backslash		0.XXX	$\pm.050$		FUI	+ ASS	′Y, 3 PR, 66	POS, 6	IMLA		d K			D
	v	angular	0°	±°			cat. no	·.		Pro	oduct –	Customer	Drw	sheet 5 of	10
5				PDS	6: Re	v :D		ST	ATUS:R	eleased		Pri	nted: May	19, 2023	

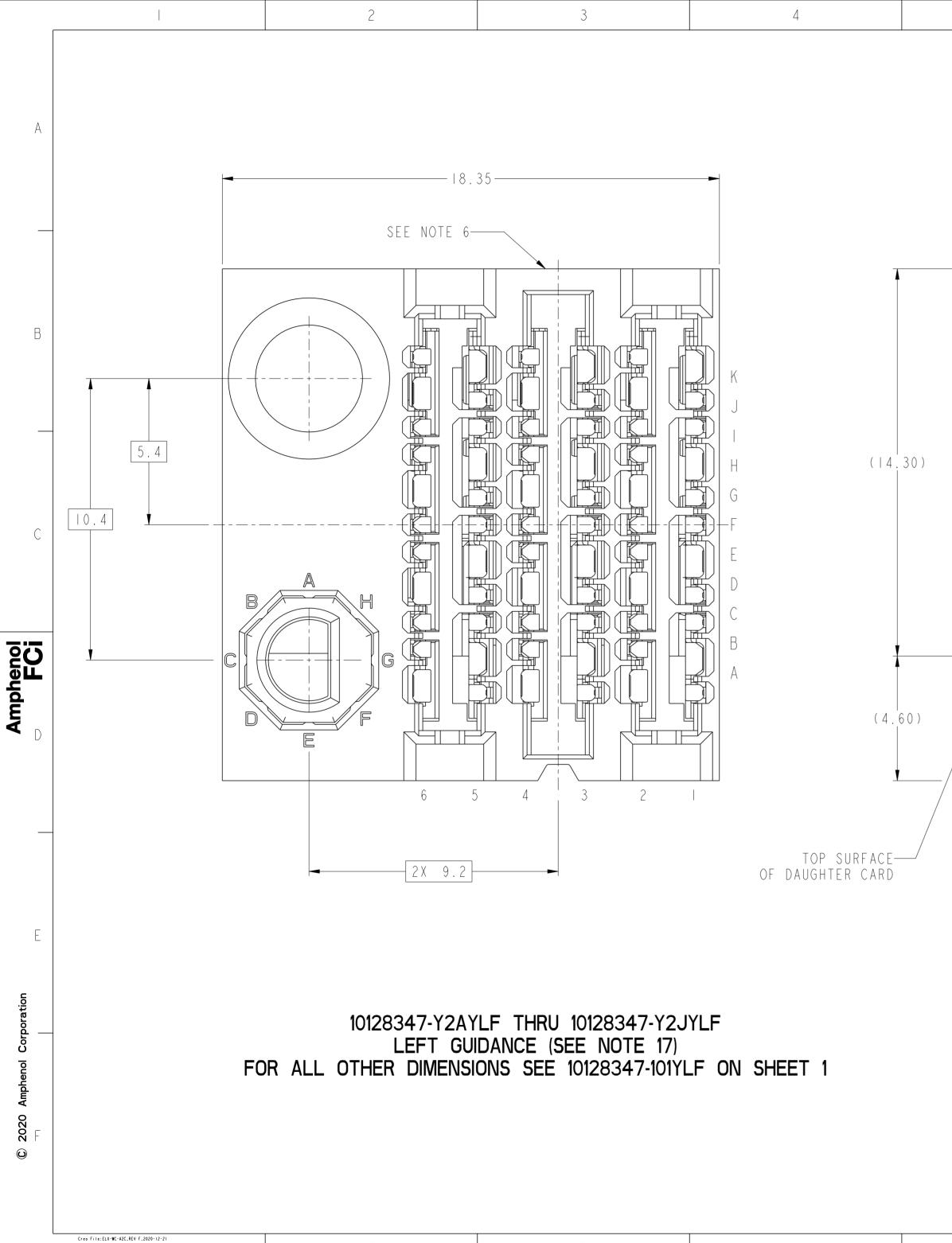
	1 2	3	4	5	6	7	8
A		-18.35 			(2 4 .	80)	A
Amphenol C D			5.4 (14.30) (14.30) (4.60) (4.60) UNERCE OF DAUGHTER CARD				
2020 Amphenol Corporation	Right For all other Dim	Y1AYLF THRU 10128347-Y1JYLF GUIDANCE (SEE NOTE 17) ENSIONS SEE 10128347-101YLF C	ON SHEET 1	spec ref SEE NC		14/03/20 projection MIN	E size scale
∃ 30	Creo File: ELX-NC-A2C, REV F, 2020-12-21	3	4	tolerance std ASME YI4.5M OTHERW surface - linear angular 5	RANCES UNLESS (ISE SPECIFIEDchr- $0.X$ $\pm .3$ apprHeaven Cen20 $0.XX$ $\pm .10$ Amphenol $\stackrel{\circ}{=}$ $E \times a$		ecn no ELX-DG-46873-1 ExaMax rel level Released rev 10128347 D

2	3	4	
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5	6	7	8	
				A
SI	X Ø2.50 → Ø0.1 EE NOTE I6 CTOR OUTLINE DTE 8			B
		I 8X ANTIPAD SEE NOTE II	I 8X ANTIPAD SEE NOTE II	C
I 0 X I.2	24X Ø 1.5 ↓ SEE N	0.500 Ø0.1 IOTE 9		D
 I.50 MA>	<		ANTIPAD SEE NOTE II AIL B E 20:1	E
spec ref SEE N	IOTES dr Daniel Xiao	2014/03/20 projection	MM size scale A2 7.1	

spec r	e f	SEE NO) T E S		dr	Daniel Xiao		2014/03/20	proj	ection	Ν	1 N /	size A 2	scale	
tolera	nce std				e n g Peng-Bing Fu 2			2023/01/06		\bigcirc		MM		7:1	
ASME	Y I A 5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	·		-			-		ecn no	ELX-DG-46873-1		
ASML	114.51	OTHER,			appr	Heaven Cen		2023/05/19	product	family		ExaMax	rel level	Released	
			0.X	±.3	A	honal	♥ E v	Xamax R.A. RECEPTACLE				o L		rev	
surfac	e - /	linear	0.XX	±. 0	Aut	FCi		UMAA N.A	Α. Ν∟Υ	. NECLITACEE		5	101283	47	
	$\langle \rangle$		0.XXX	$\pm.050$		FUI	+ ASS'Y, 3 PR, 66 POS,			6 IMLA		a q			D
	v	angular	0°	±°			cat. no	· .		Pro	oduct –	Customer	Drw	sheet 7 of	10
5 PD				PDS	: Re	ev :D S			ATUS:Released			Printed: May 19, 2023			



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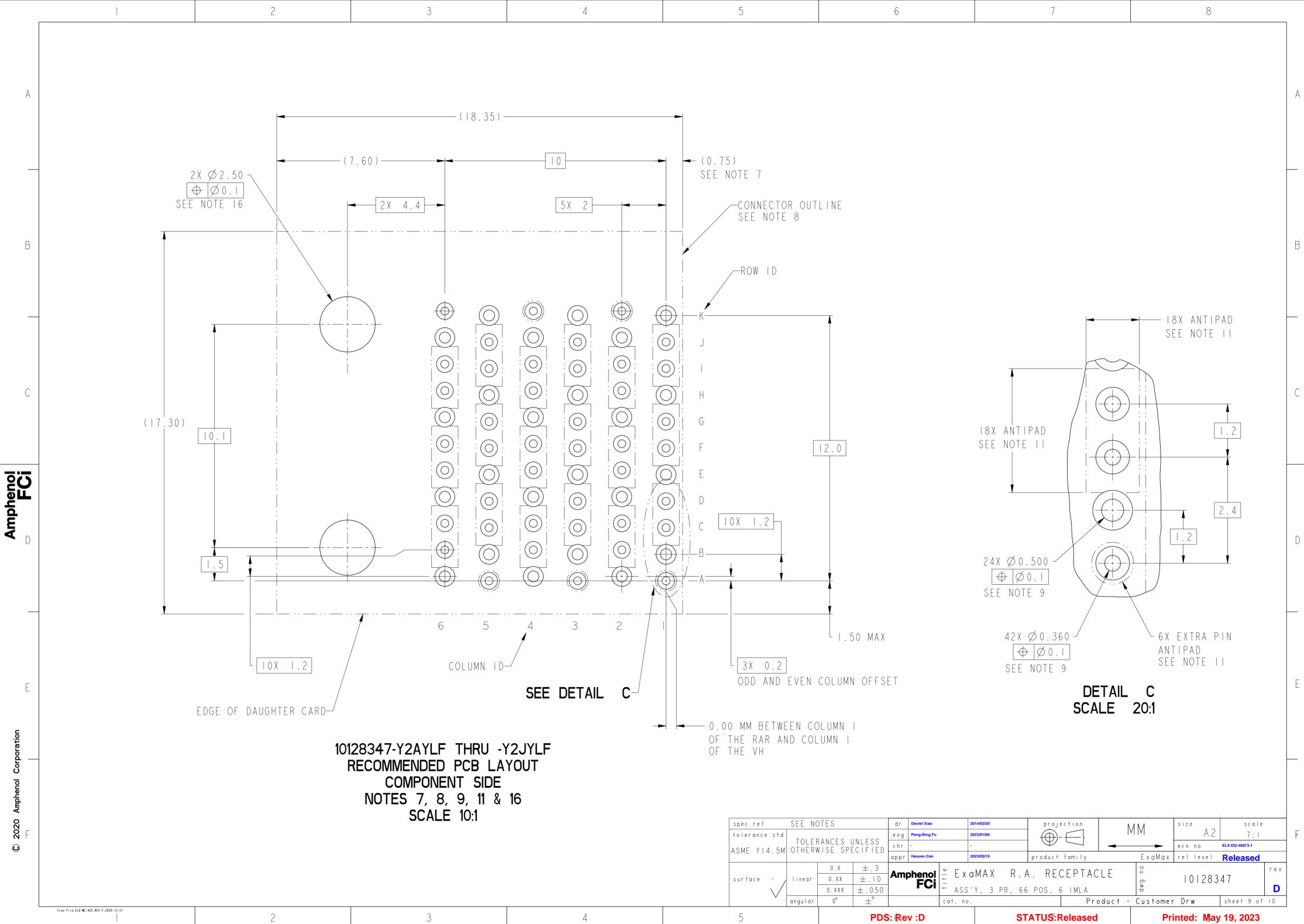
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5	6	7	8	
	(2 /	4.80)		A
				В
				С
				D

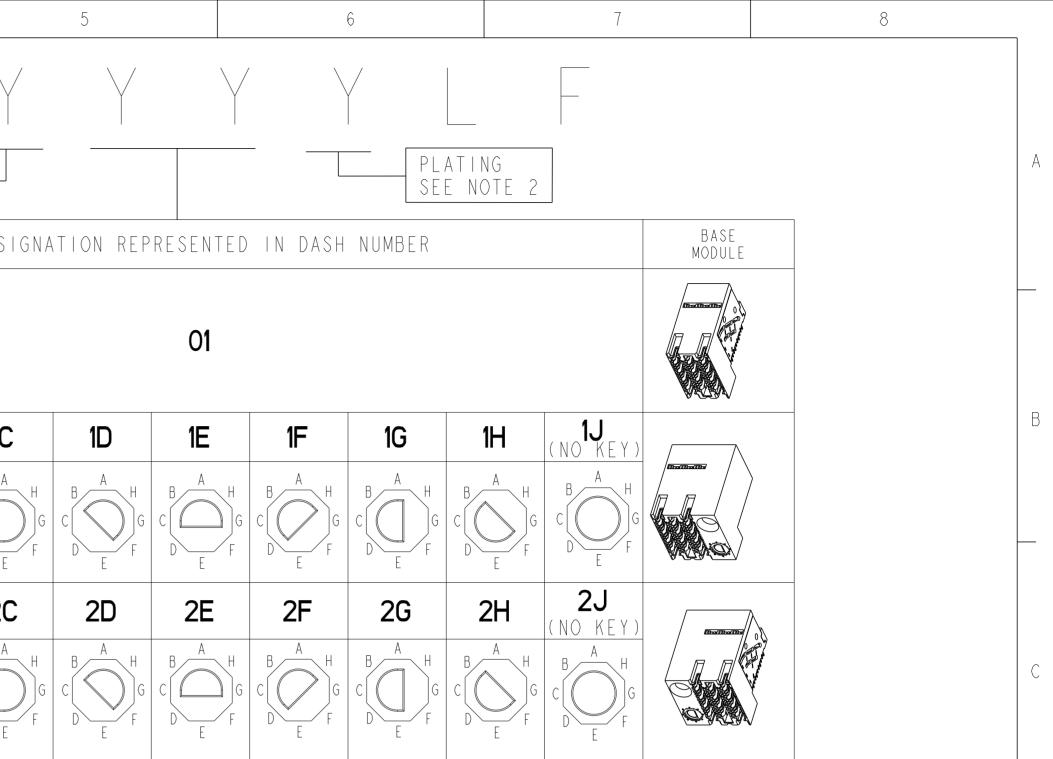
spec ref	SEE NO	DTES		dr	Daniel Xiao		2014/03/20	proj	ection			size	scale	;
tolerance std				eng	Peng-Bing Fu		2023/01/06			MM		A 2	7:1	
	AL OTHERV	RANCES UNLESS NISE SPECIFIED		chr	-	-				< →		ecn no	ELX-DG-46873-1	
ASME 114.5					Heaven Cen		2023/05/19	product	family		ExaMax	rel level	Released	
		0.X ±.3	±.3	A	shanal	♥ ⊑ √			CEDTAC	`I E	0 U			rev
surface -	linear	0.XX	±. 0	Am	FCi	· _			A. RECEPTACLE		5	101283	47	
	/	0.XXX	±.050		+ ASS'Y, 3 PR, 66 I			POS, 6 IMLA					D	
V V	angular	0°	±°			cat. no			Pr	oduct –	Customer	· Drw	sheet 8 of	f I O
5		PDS: Rev :D			ST	STATUS:Released			Printed: May 19, 2023					

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spec ref	SEE NO	DTES		dr	Daniel Xiao		2014/03/20	proje	ection	N	1 M	size	scale	
tolerance std	ТОНЕГ			eng	Peng-Bing Fu		2023/01/06			^	V	A 2	7:1	
ASME VIA 5M		RANCES UNLESS		chr			-			►		ecn no	ELX-DG-46873-1	
ASME 114.5M OTH		NWISE SIECHTED		appr	Heaven Cen		2023/05/19	product	family		ExaMax	rel level	Released	
		0.X	±.3	A	shanal	• Ev	~MAV D/		°EDTA/	` I E	0 L			re
surface -	linear	0.XX	±.10						. RECEFIACLE		D D	101283	347	
tolerance std ASME YI4.5M surface -		0.XXX	±.050		FUI	+ ASS'Y, 3 PR, 66 POS,			DS, 6 IMLA		d K			C
ASME Y14.5M OTHERWISE SPECTFIED appr Heaven Cen 2023/05/19 product family ExaMax relievel surface - linear 0.XX ±.10 0.XXX ±.050 angular 0° ±° Cat. no. Product - Customer Drw	sheet 9 of	10												
5			PDS	: Re	v :D		ST		Released		Pri	nted: May	/ 19, 2023	

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			$\bigcirc 2 \langle$	83				\bigvee
А								
	ASSEMBLY PART NUMBER	DESCRIPTION		MOD DESCRI				DESIC
	10128347-1YYYLF 10128347-2YYYLF 10128347-3YYYLF 10128347-3YYYLF	STANDARD MATE ADVANCED MATE SHORT DETECT		WITHOU GUIDES (SEE SH	MODULE			
В	<u> </u>	ADVANCED MATE & SHORT DE		RIG GUID MOD (SEE SF	ANCE ULE		1B	
	NOTES:					D _ F 2A	D _ F _ F	2C
С	IMLA PLASTIC: HIG CONTACT: COPPER A ORGANIZER: HIGH T	P THERMOPLASTIC, BLACK, U H TEMP THERMOPLASTIC, BLA LLOY EMP THERMOPLASTIC, BLACK,	CK, UL94-V0	LE GUID MOD (SEE SH	ANCE ULE			
Amphenol FCi	REQUIREMENTS TELCORDIA GR- -YYY2LF:GXT+O -YYY9LF:GXT O	MANCE-BASED PLATING, QUAL OF FCI PRODUCT SPECIFICAT 1217-CORE (NOVEMBER 1995) VER NICKEL	ION GS-12-1096 INC CENTRAL OFFICE TE		ENCE	D F	THE SHORT WITH A ST HEADER WI	ANDARD
Am	3 - PRODUCT SPECIFICA 4 APPLICATION SPECI					(5) -	REMAINDER THE ADVAN	OF THE CE MATE
	5 - PACKAGING MEETS G SPECIFICATION.	S-14-920 LEAD FREE LABELI	NG				WITH AN A WILL PROV REMAINDER	IDE 2 P OF THE
	(7)- THE MINIMUM VIA S	(PROTOTYPE, PART NUMBER & PACING BETWEEN STACKED CO ADER. REFER TO THE APPLIC	NNECTORS IS 2.0 MM	I FOR THI	S RAR		FOR CONNE SCREWS MU 2.0 - 6.0	JST BE U
E	BE USED AS A GUID	MAY BE SCREEN PRINTED ON E FOR MANUAL CONNECTOR PL DRAWING 10119933 FOR INF	ACEMENT.)		(17) -	LEFT / RI FEATURE W DESIGNATI WITH(i.e	ON OF T
ration	ON PCB HOLE DIAME	TERS AND PLATING OPTIONS S THE EUROPEAN UNION DIRE ULATIONS AS DESCRIBED IN	CTIVES &			(18)-	ALL GROUN	D CONTA
2020 Amphenol Corporation	(I) - REFER TO ROUTING ON OPTIMIZATION O	GUIDE GS-20-05II FOR RECO F FOOTPRINT AND TRACE ROU	MMENDATIONS TING LAYOUT.					
© 2020 Amp	TEMPERATURE FOR I OR VAPOR PHASE RE (13) - THE ADVANCED MATE WITH AN ADVANCED HEADER WILL PROVI	RECEPTACLE, IOI28347-2YY MATE VERTICAL HEADER OR A DE 2 PAIRS OF MATING CONT	ION, INFRA-RED YLF, WHEN MATED N ADVANCED MATE RI ACTS THAT MATE 0.7					
	Creo File:ELX-WC-A2C,REV F,2020-12-21	THE SIGNAL AND GROUND CON	ACIS. 3			4		



CT RECEPTACLE, IOI28347-3YYYLF, WHEN MATED O MATE VERTICAL HEADER OR A STANDARD MATE RIGHT ANGLE OVIDE I PAIR OF MATING CONTACTS THAT MATE I.OOMM AFTER THE HE SIGNAL AND GROUND CONTACTS.

TE/SHORT DETECT RECEPTACLE, IOI28347-4YYYLF, WHEN MATED ED MATE VERTICAL HEADER OR AN ADVANCED MATE RIGHT ANGLE HEADER PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE HE SIGNAL AND GROUND CONTACTS AND I PAIR OF MATING MATE I.00MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.

WITH EITHER A RIGHT OR LEFT GUIDE MODULE, TWO PHILLIPS PAN HEAD M2 HOLD DOWN USED TO SECURE THE CONNECTOR TO THE PCB. THE SCREW LENGTH SHALL BE JS THE THICKNESS OF THE BOARD. SCREWS ARE NOT PROVIDED WITH CONNECTOR.

NTEGRATED GUIDE ORIENTATION IS DETERMINED BY THE LOCATION OF THE GUIDE OOKING AT THE MATING FACE OF THE RIGHT ANGLE RECEPTACLE. THE LEFT / RIGHT THE MATING HEADER IS DEFINED BY THE RIGHT ANGEL RECEPTACLE THAT IT MATES IGHT GUIDE VERTICAL HEADER MATES WITH A RIGHT GUIDE RIGHT ANGLE RECEPTACLE.)

TACTS ARE COMMONED WITHIN A COLUMN.

	SEE MA			dr	Daniel Xiao		2014/03/20	i -				size		
spec ref	spec ref SEE NOTES		ar			2014/03/20	proje	CTION	I N	1M	5120	scale		
tolerance std				eng	Peng-Bing Fu		2023/01/06					A 2	1:1	
ASME VIA 5M	RANCES UNLESS		chr	-		-			→		ecn no	ELX-DG-46873-1		
ASML 114.JM	OTHERWISE STECTIED			appr	Heaven Cen		2023/05/19	product family			ExaMax	rel level	Released	
		0.X	±.3	A	a shared a	– ExaMAX R.A. REC				ΊΓ	0 L			rev
surface -	linear	0.XX	±. 0	Aut	FCi	-		A. NECEFIACLE			σ	101283	547	
		0.XXX	$\pm.050$			+ ASS	′Y, 3 PR, 66	POS, 6 IMLA			d A			D
v	angular	0°	±°			cat. no			Pro	oduct –	Customer	Drw	sheet IO o	f IO
5 PD:				: Re	v :D		ST	ATUS:R	eleased		Pri	inted: May	19, 2023	

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