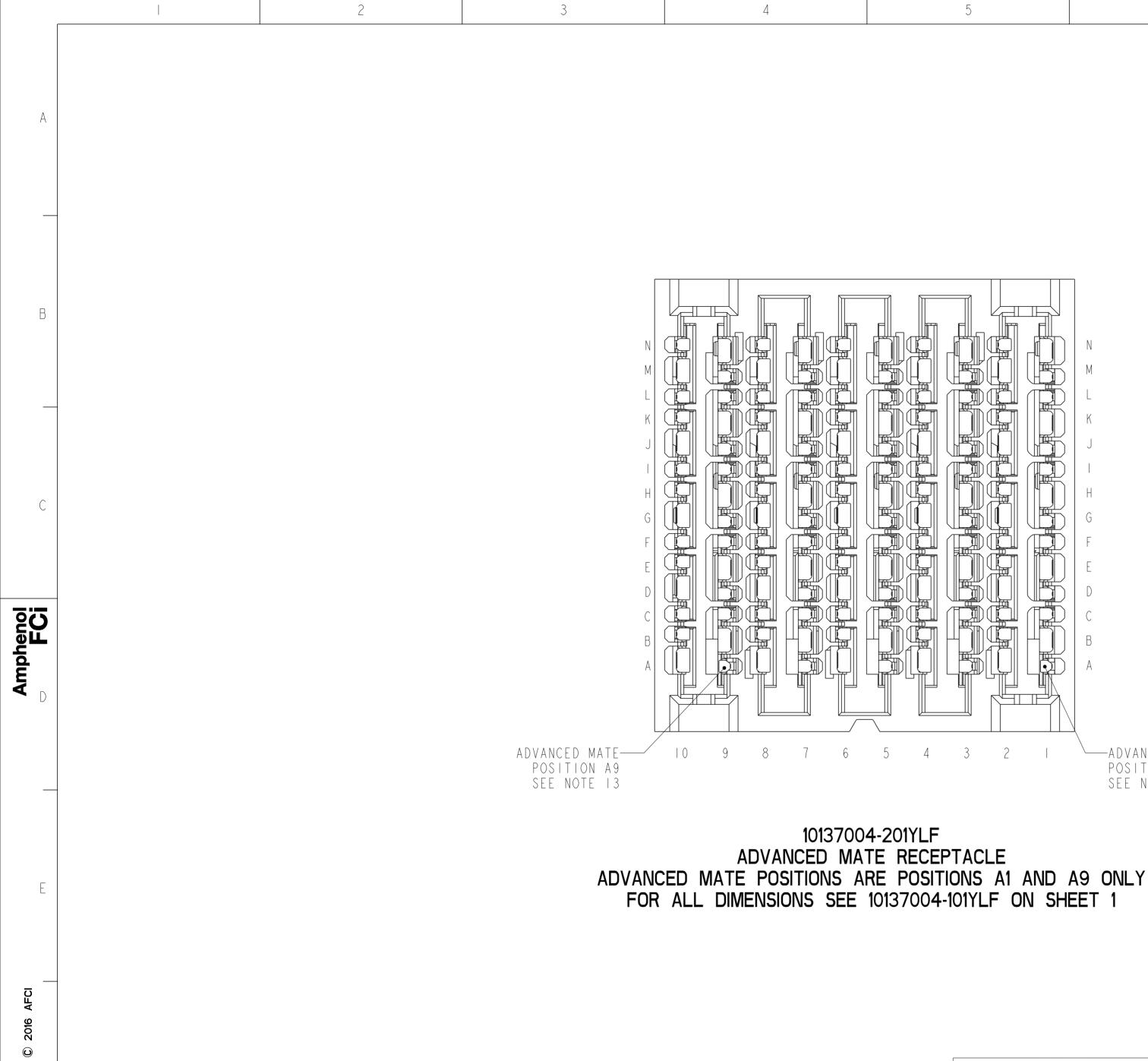


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5			PDS	: Re	v :C			STATUS:	Released		Pri	nted: Apr	23, 2020	
~	angular	0°	±°			cat. no	).		Pro	oduct –	Customer	Drw	sheet I of	
		0.XXX	$\pm.050$		FU	+ ASS	′Y, 4 PR,	140 POS, 10	IMLA, Th	ick Wall	dwg			С
surface - /	linear	0.XX	±. 0	Awk	FCi	— Ľ X  — Ľ X		<b>η. Α. ΓΕ</b> Υ	CEFIAU	, L E		101370	04	
		0.X	±.3	A	honol	© ⊑ ,	a M A V	R.A. RE	CEDTAC	`I E	0 0			rev
AJML 114.JM		IVE VIE		appr	Heaven Cen		2020/04/22	product	family		ExaMax	rel level	Released	
ASME YI4.5M	TOLEK.	ANCES U ISE SPE	INLESS CIFIED	chr	-		-	$\overline{\mathbb{A}}$		-		ecn no	ELX-DG-35549-1	
tolerance std				eng	Peng-Bing Fu		2019/12/12		$\square$	/	V	A 2	7:1	
spec ref	SEE NO	TES		dr	Terry Luo		2015/10/08	proj	ection		М	size	scale	



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					N M L K J I H G F E D C B A	ΜΑΤΕ		
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5			PDS	6: Re	v :C		S	TATUS:F	Released		Pri	nted: Apr	23, 2020	
v	angular	0°	±°			cat. no	· .		Pro	oduct –	Customer	Drw	sheet 2 of	
$\langle \rangle$		0.XXX	±.050		FU	+ ASS	Y, 4 PR, 140	POS, IO	IMLA, Th	ick Wall	dwg			С
surface -	, linear	0.XX	±.10	Awk	FCi		QMAX R.	Α. ΠΕΙ	LEFIAU	LE		101370	04	
		0.X	±.3	A	shanal	♥ ⊑ √	aMAX R.,		^ E D T A C		0			rev
AJML 114.JM				appr	Heaven Cen		2020/04/22	product	family		ExaMax	rel level	Released	
ASME YI4.5M	I TOLEI	RANCES UNISE SPE	JNLESS Foififd	chr	-		-				►	ecn no	ELX-DG-35549-1	
tolerance std	TOLE			eng	Peng-Bing Fu		2019/12/12		$\square$		V	A 2	7:1	
spec ref	SEE NO	OTES		dr	Terry Luo		2015/10/08	proje	ection	Ν./	Μ	size	scale	

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Amphenol FCi		B A		5
E		FOF	1013700 SHORT DETECT SHORT DETECT ALL DIMENSIONS SEE	ct re( f posi
<b>C</b> 2016 AFCI				

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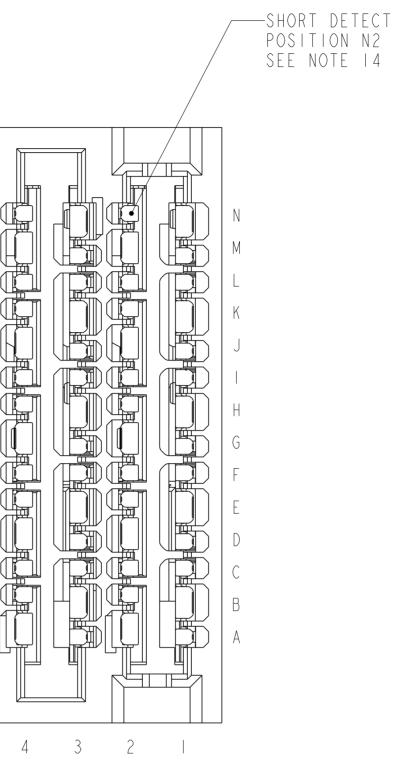
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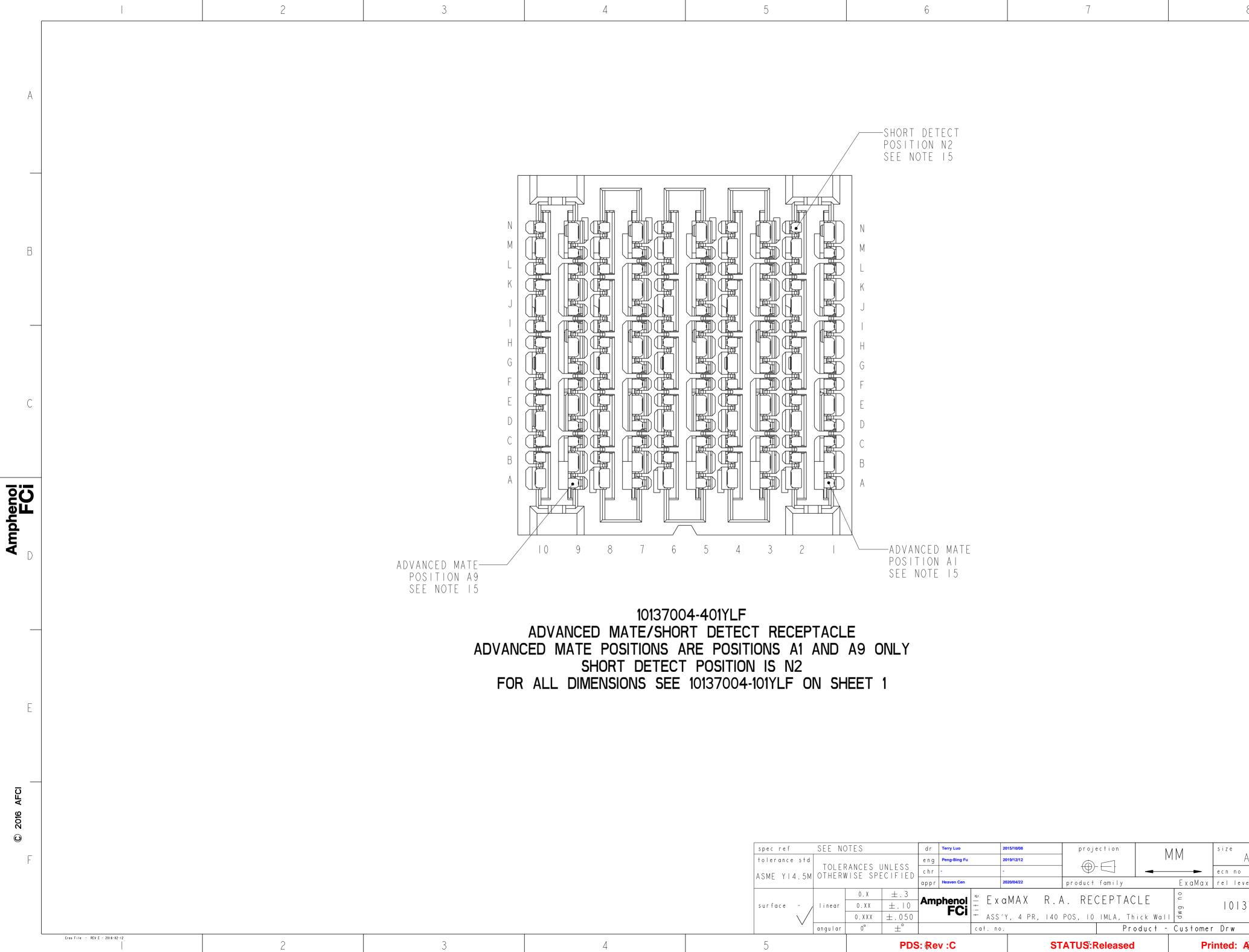
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01YLF RECEPTACLE DSITION IS N2 B7004-101YLF ON SHEET 1

spec r	e f	SEE NC	) T E S		dr	Terry Luo		2015/10/08	proje	ection	N	1M	size	scale	
tolerar	nce std				eng	Peng-Bing Fu		2019/12/12	$\widehat{\frown}$	$\square$	/	V	A 2	7:1	
ASME	Y I A 5 M	I OLEH OTHERW	ANCES UNISE SPE	JNLESS ECIFIED	chr	-		-	Ŵ		-		ecn no	ELX-DG-35549-1	
ASML	114.51	VIIILIN	INCL OIL		appr	Heaven Cen		2020/04/22	product	family		ExaMax	rel level	Released	
			0.X	±.3	A	•	Γv	aMAX R.A				0 U			rev
surfac	e - /	linear	0.XX	±.10	Am	FCi ⊥	ĽΧ	QMAA R. P	N. NEV	JEFIAU	, L C	D D	101370	04	
			0.XXX	±.050			ASS	Y, 4 PR, 140	POS, IO	IMLA, Th	nick Wall	d v			С
	V	angular	0°	±°		са	xt. no	).		Pr	oduct –	Customer	Drw	sheet 3 of	
5				PDS	6: <b>Re</b>	v :C		ST		Released		Pri	nted: Apr	r 23, 2020	

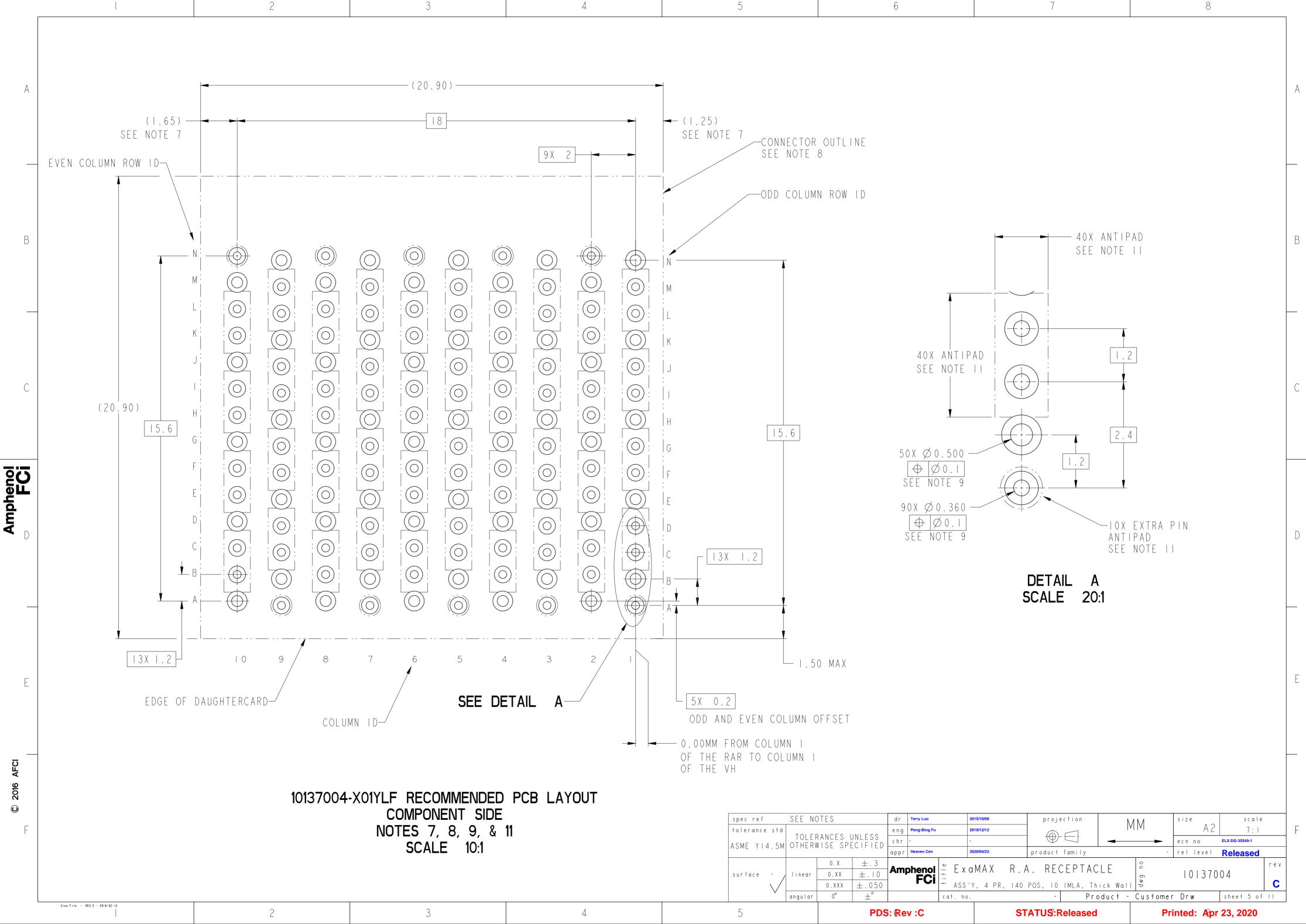


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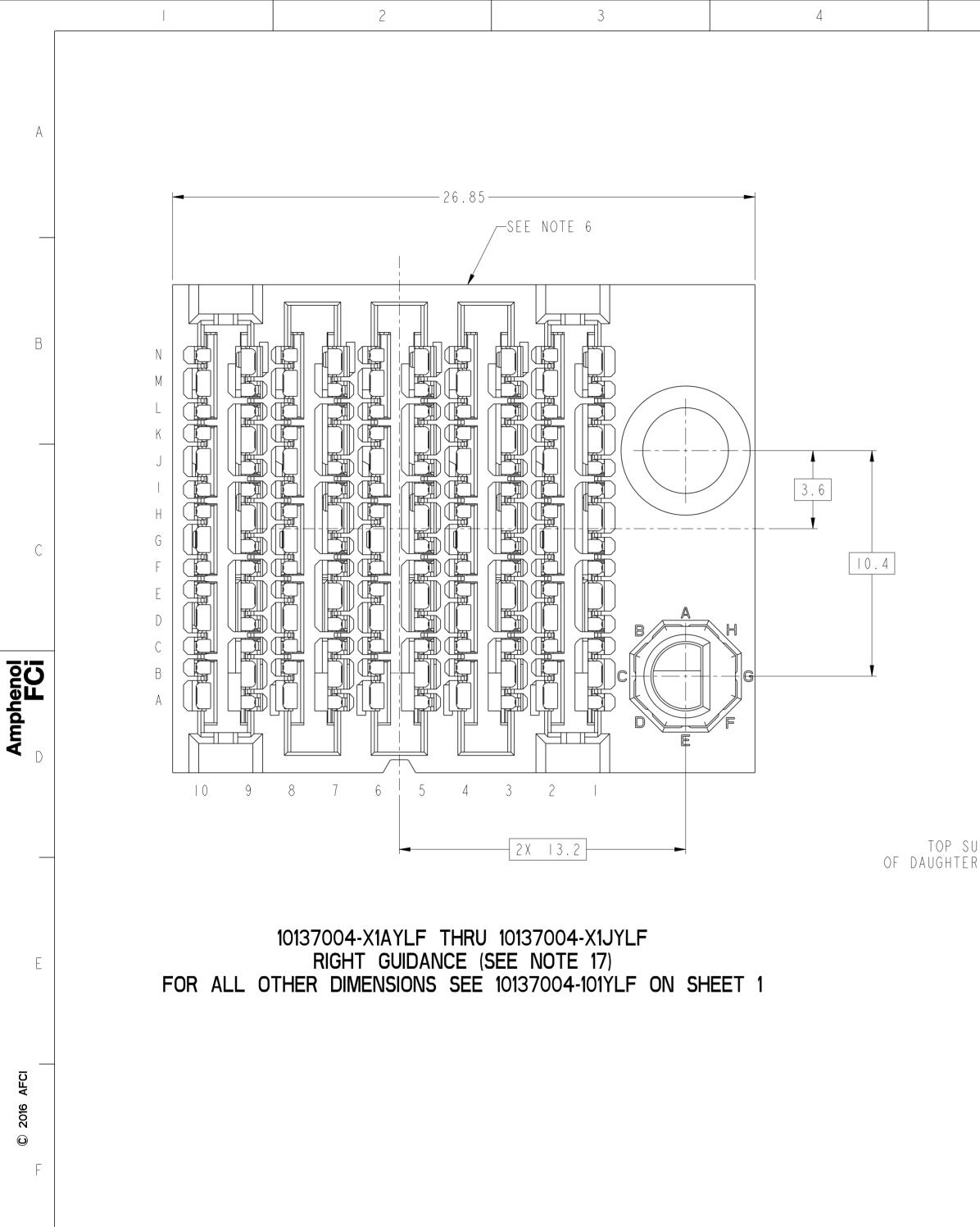
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spec ref		SEE NC	) T E S		dr	Terry Luo		2015/10/08	proje	ection	N	/ N /	size	scale	
toleranc	e std	T 0 1 5 5			eng	Peng-Bing Fu		2019/12/12		$\square$	/	1M	A 2	7:1	
ASME VI	1 5M	I IOLEH I otherw	RANCES I	JNLESS ECIFIED	chr	-		-			-		ecn no	ELX-DG-35549-1	
A SME II	4.JM		VIJE JIL		appr	Heaven Cen		2020/04/22	product	family		ExaMax	rel level	Released	
			0.X	±.3	A	ahanal	© ⊑ ,	aMAX R.A			^ I E	o u			rev
surface	- /	linear	0.XX	±. 0		FCi		QMAA R.A	4. NEV	JEFIAU	JLE	D D	101370	04	
	$\backslash$		0.XXX	±.050	]	FUI	+ ASS	Y, 4 PR, 140	POS, IO	IMLA, Th	hick Wall	dw			C
	V	angular	0°	±°			cat. no	).		Pr	oduct –	Customer	· Drw	sheet 4 of	
5				PDS	5: <b>R</b> e	v :C		ST	ATUS:R	Released		Pr	inted: Apr	23, 2020	



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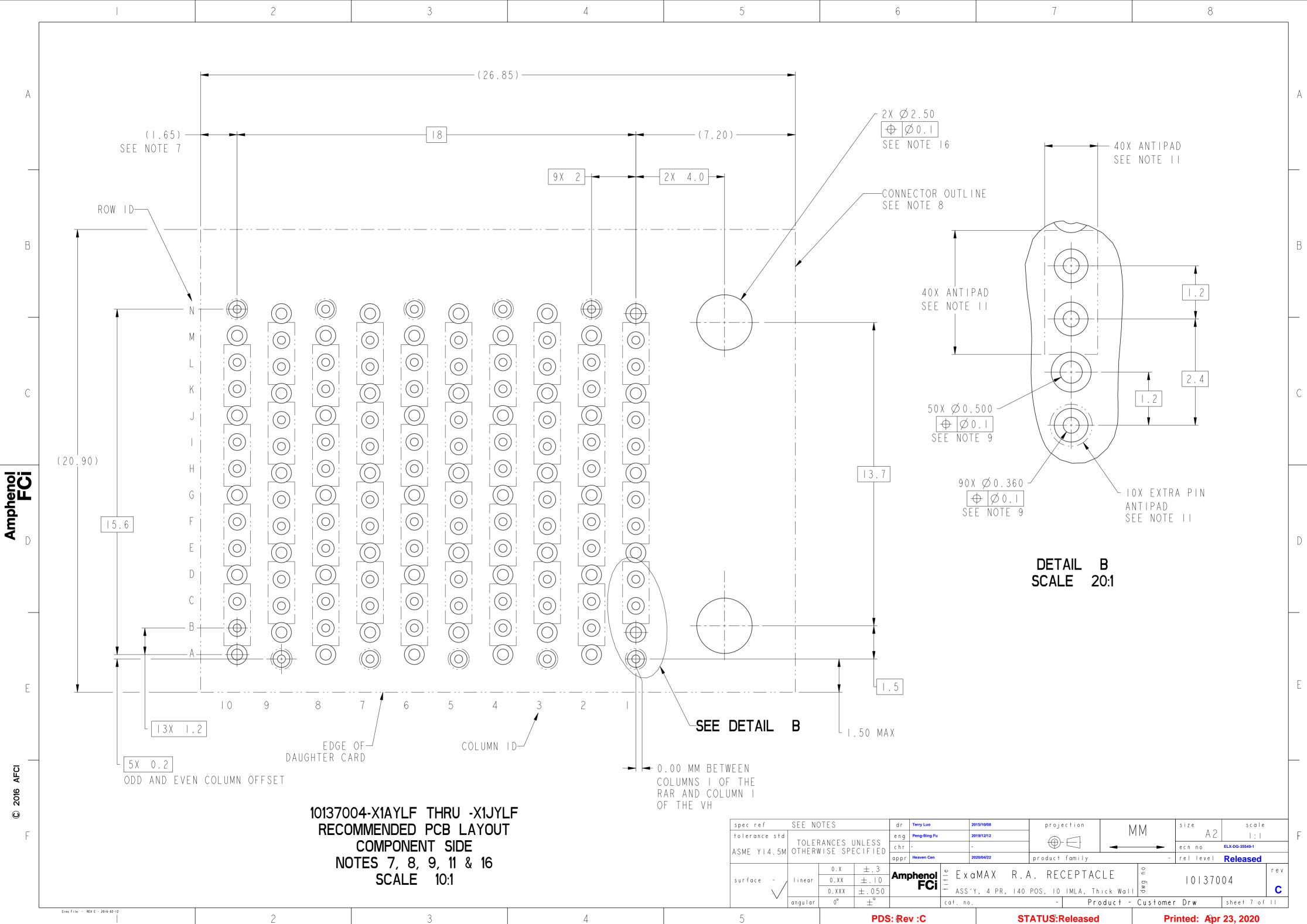


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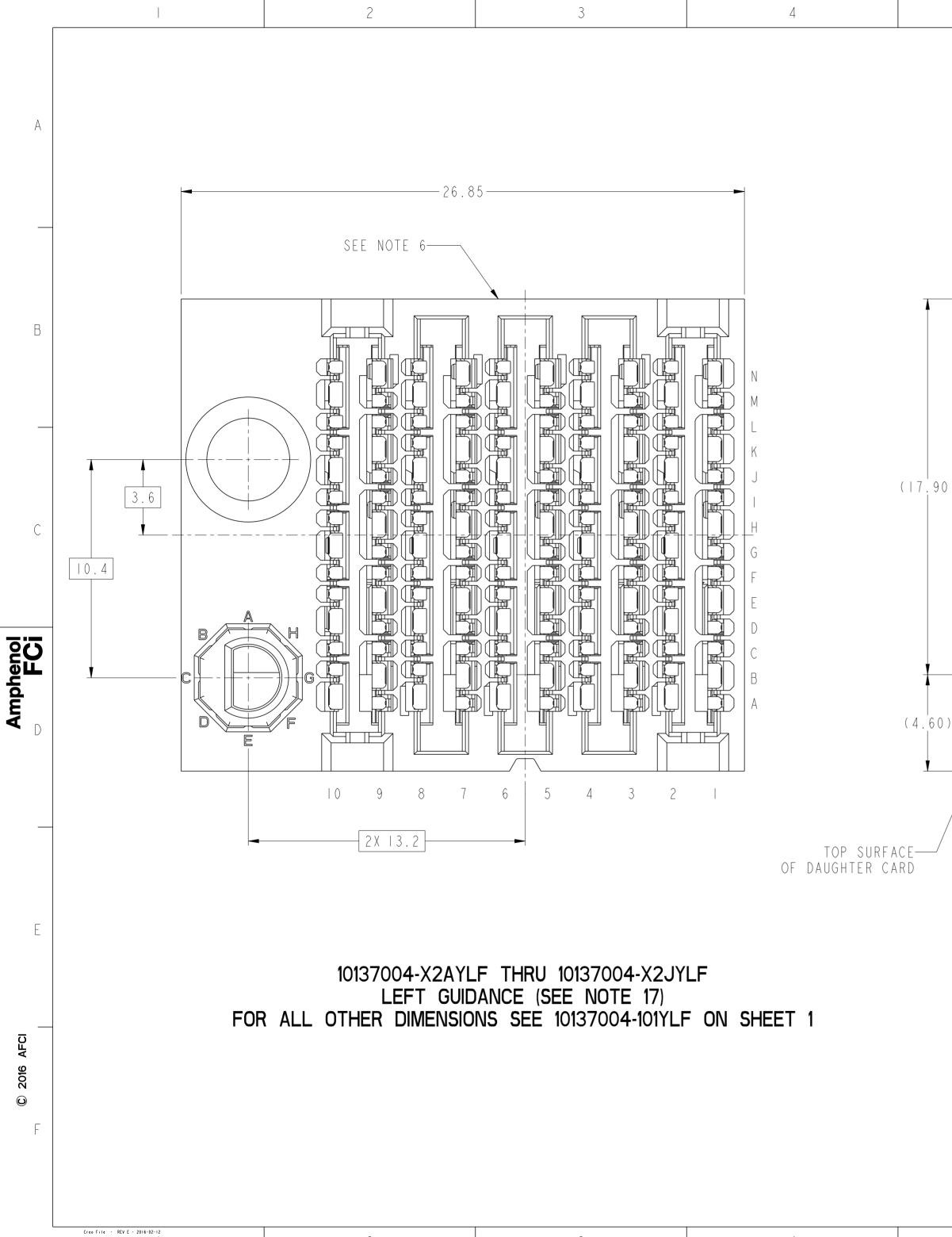
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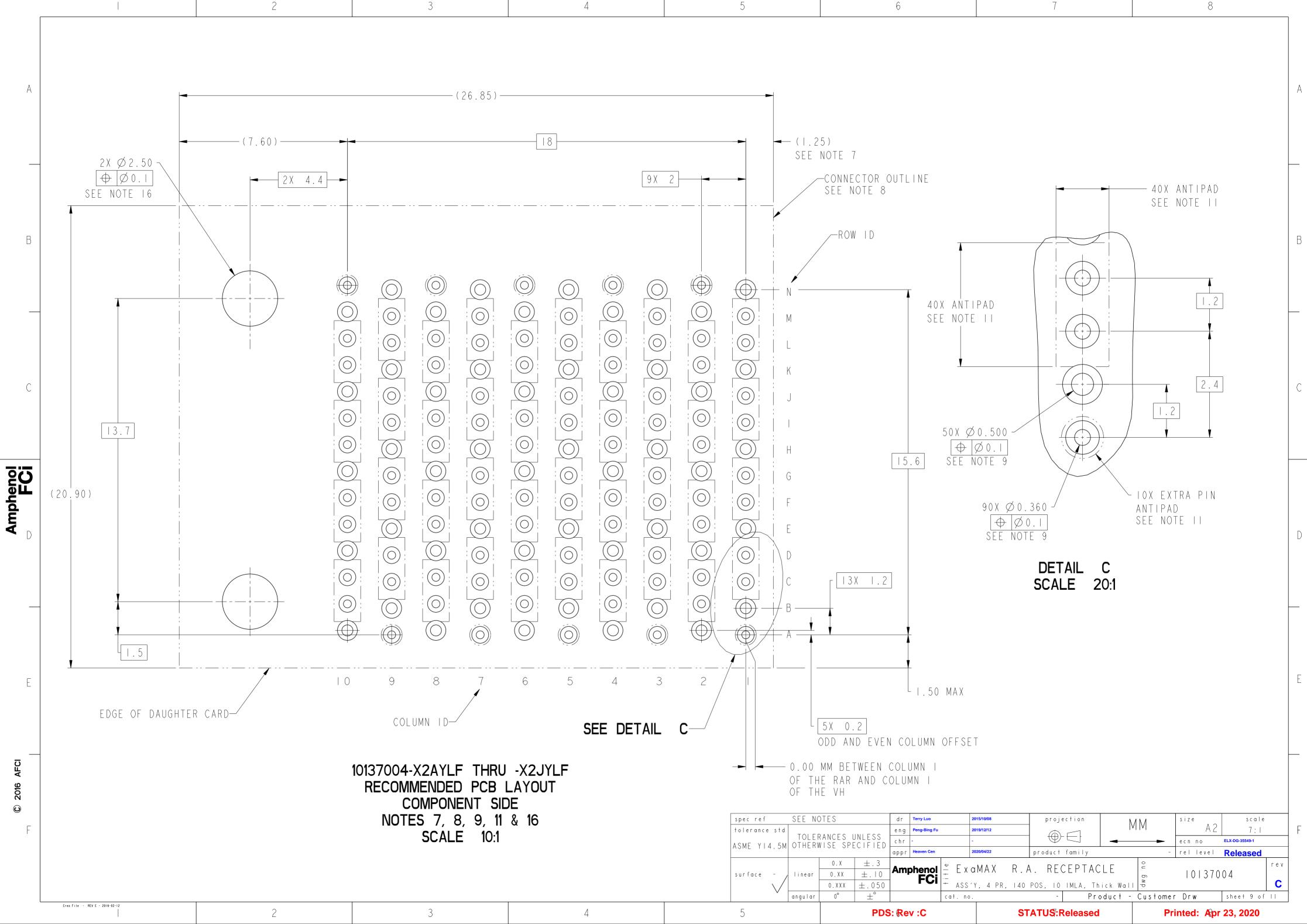
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				-(28.40)			A
							В
( 7	. 90)						С
	.60)						D
URFACE R CARD	)						E
	spec ref SEE N tolerance std TOLE ASME YI4.5M OTHER surface - linear angular	eng     Peng-Bing F       RANCES UNLESS     chr       WISE SPECIFIED     chr       0.X     ±.3       0.XX     ±.10       0.XXX     ±.050	- 2020/04/22	projection product family R.A. RECEPTA 140 POS, 10 IMLA, T Pr STATUS:Release	hick Wall Store	10137004	rev C



					appr Heaven Cen		2020/04/22	product	tamily		-	rel level	Released	
			0.X	±.3	Amphanal	<sup>©</sup> ⊑ <sub>v</sub>	amay d		CEDTA		0			
surface	- /	linear	0.XX	±.   0			aMAX R.	A. NEV	CEFIA	LL	D D	101370	04	
	$\backslash$		0.XXX	±.050		+ ASS	′Y, 4 PR, 140	POS, IO	IMLA, Tł	nick Wall	v S			
	V	angular	0°	±°		cat.n	٥.	-	Pr	oduct –	Customer	Drw	sheet 7 of	1
5				PDS	: Rev :C		S	TATUS:F	Released		Pri	nted: Apr	23, 2020	



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			(28.40)				
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t o A S	pec ref SEE NC olerance std SME YI4.5M OTHERW urface - linear	RANCES UNLESS VISE SPECIFIED chr - appr Heav	Bing Fu 2019/12/12 	projection product family R.A. RECEPTAC 140 POS, 10 IMLA, Th	LE 5 I(	A 2 7 : 1 n o ELX-DG-35549-1 1 e v e 1 Released 0   3 7 0 0 4 C	- - -
	angular 5	0° ± PDS: Rev :(	cat. no.	STATUS Released	oduct - Customer Dry Printed	w sheet 8 of 11 d: Agpr 23, 2020	



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			MODULE							S	PLATING SEE NOTE	2		]		
ASSEMBLY PART NUMBER	DESCRIPTION	DESC	SCRIPTION			DESIGNA *	TION REPH	RESENTED	D IN DASH	NUMBER			BASE MODULE			
I 0 I 37004 - I YYYLF I 0 I 37004 - 2YYYLF I 0 I 37004 - 3YYYLF I 0 I 37004 - 4YYYLF ADVAN	STANDARD MATE ADVANCED MATE SHORT DETECT ANCED MATE & SHORT DE		ITHOUT END IDES MODULE EE SHEET I)					01								
			RIGHT	<b>1A</b>	<b>1B</b>	1C	1D	<b>1E</b>	<b>1F</b>	<b>IG</b>	<b>1</b> H	(NOKEY)	)			
		GU M (SEE	GUIDANCE MODULE EE SHEET 6) C	D E F	C D F F	$C \xrightarrow{B} F$	$C \xrightarrow{B} F$	$\begin{array}{c c} B \\ C \\ D \\ E \\ \end{array} \\ \begin{array}{c} H \\ G \\ B \\ E \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ G \\ F \\ \end{array} \\ \begin{array}{c} H \\ H $	C D E F	C D F G	C D E F	$\begin{array}{c c} G \\ G \\ C \\ D \\ E \\ F \\ F$				
				2A	2B	2C	2D	2E	2F	2G	2H	(NOKEY)				
		GL 1 (SEF	LEFT GUIDANCE MODULE EE SHEET 8) D	A B B B E F	$C \xrightarrow{B} (B) (B) (B) (B) (B) (B) (B) (B) (B) (B)$	$C \xrightarrow{B} \xrightarrow{A} H_{G}$	$C \xrightarrow{B} \xrightarrow{A} H = F$	$C \xrightarrow{B} A H G G$	C D E F	$C \xrightarrow{B} \xrightarrow{A} H \\ C \xrightarrow{B} \xrightarrow{F} G$	C D E F	$\begin{array}{c c} G \\ G \\ F \end{array} = \left( \begin{array}{c} B \\ C \\ D \\ B \\ C \\ D \\ E \end{array} \right) \left( \begin{array}{c} A \\ F \\ F \\ F \end{array} \right) \left( \begin{array}{c} B \\ G \\ F \\ F \end{array} \right) \left( \begin{array}{c} B \\ G \\ F \\ F \end{array} \right) \left( \begin{array}{c} B \\ G \\ F \\ F \end{array} \right) \left( \begin{array}{c} B \\ G \\ F \\ F \end{array} \right) \left( \begin{array}{c} B \\ G \\ F \\ F \\ F \end{array} \right) \left( \begin{array}{c} B \\ G \\ F \\ F \\ F \end{array} \right) \left( \begin{array}{c} B \\ G \\ F \\ F \\ F \\ F \end{array} \right) \left( \begin{array}{c} B \\ G \\ F \\ F$				
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Amphenol FCi

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spec ref	SEE NO	DTES		dr	Terry Luo		2015/10/08	proje	ction	N	1M	size	scale	
tolerance std				eng	Peng-Bing Fu		2019/12/12		$\square$	ĮV	V	A 2	1:1	
ASME YI4.5M		RANCES U NISE SPE		chr	-		-	Ū.		-		ecn no	ELX-DG-35549-1	
ASML 114.5M				appr	Heaven Cen		2020/04/22	product	family		-	rel level	Released	
		0.X	±.3	A	shanal	♥ ⊑ √	aMAX R.A		CDTAC		0 U			rev
surface - /	linear	0.XX	±.10	Ami	ohenol FCi		UMAA N. F	$\Lambda$ . MLC	LITAU	LL	ð	101370	04	
		0.XXX	$\pm.050$			+ ASS	Y, 4 PR, 140	POS, IO	IMLA, Th	ick Wall	d ×			С
, v	angular	0°	±°			cat. no		-	Pro	oduct –	Customer	Drw	sheet 10 o	)f
5			PDS	:Re	v :C		ST	ATUS:R	eleased		Pri	nted: Apr	r 23, 2020	

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	NOTES:					
A		IMLA PLASTIC: H Contact: copper	TEMP THERMOPLASTIC, BLACK, HIGH TEMP THERMOPLASTIC, E	BLACK, UL94-VO		
B	2 -	REQUIREMEN <sup></sup> TELCORDIA ( - YYY2LF:GX <sup></sup> - YYY9LF:GX <sup></sup>	RFACE: FORMANCE-BASED PLATING, QU TS OF FCI PRODUCT SPECIFIC	CATION GS-12-1096 INCLUDIN 95) CENTRAL OFFICE TEST SE		
D	3 -	PRODUCT SPECIF	ICATION: GS-12-1096			
	4	APPLICATION SPE	ECIFICATION GS-20-0361.			
	5 -	PACKAGING MEETS SPECIFICATION.	S GS-14-920 LEAD FREE LABE	ELING		
	6-	PRODUCT MARKING	G, (PROTOTYPE, PART NUMBER	R & LOT CODE), ON THIS SUR	FACE.	
	7-	THE MINIMUM VIA FOR THIS RAR AN	A SPACING BETWEEN STACKED ND THE MATING HEADER. REFE	CONNECTORS IS 3.0 MM ER TO THE APPLICATION SPEC	IFICATION FOR DETAILS.	
С	8-		INE MAY BE SCREEN PRINTED JIDE FOR MANUAL CONNECTOR			
	9-		MER DRAWING IOII9933 FOR I AMETERS AND PLATING OPTION			
<u>Si</u>	0 -		EETS THE EUROPEAN UNION DI REGULATIONS AS DESCRIBED I			
Amphenol FCi			NG GUIDE GS-20-05II FOR RE N OF FOOTPRINT AND TRACE F			
A D	2 -		L WITHSTAND EXPOSURE TO 2 R IO-30 SECONDS IN A CONVE REFLOW OVEN.			
	(13) -	WITH AN ADVANCE ANGLE HEADER W	ATE RECEPTACLE, IOI37004-2 ED MATE VERTICAL HEADER OF ILL PROVIDE 2 PAIRS OF MAT FORE THE REMAINDER OF THE	R AN ADVANCED MATE RIGHT-	S.	
Г	(14) -	WITH A STANDARE ANGLE HEADER W	CT RECEPTACLE, IOI37004-3Y D MATE VERTICAL HEADER OR ILL PROVIDE I PAIR OF MATI FER THE REMAINDER OF THE S	A STANDARD MATE RIGHT-		
L	(15) -	WITH AN ADVANCE ANGLE HEADER W THE REMAINDER (	ED MATE VERTICAL HEADER OF ILL PROVIDE 2 PAIRS OF MAT OF THE SIGNAL AND GROUND O	E, IOI37004-4YYYLF, WHEN DR AN ADVANCED MATE RIGHT- TING CONTACTS THAT MATE O. CONTACTS AND I PAIR OF MAT AINDER OF THE SIGNAL AND G	75MM BEFORE ING	
2016 AFCI	(16) -	SCREWS MUST BE	USED TO SECURE THE CONNEC	EFT GUIDE MODULE, TWO PHIL CTOR TO THE PCB. THE SCREW RD. SCREWS ARE NOT PROVIDE	/ LENGTH SHALL BE	N
© F	(17) -	FEATURES WHEN L DESIGNATION OF	_OOKING AT THE MATING FACE THE MATING HEADER IS DEFI	ON IS DETERMINED BY THE LC E OF THE RIGHT ANGLE RECEP INED BY THE RIGHT ANGLE RE R MATES WITH A RIGHT GUIDE	TACLE. THE LEFT / RIGHT CEPTACLE THAT IT MATES	
	-		TACTS ARE COMMONED WITHIN			

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spec ref	SEE NOTES			d r Terry Luo		2015/10/08	proj	ection	Γ.Λ.	N/	size	scale		
tolerance std					eng Peng-Bing Fu		2019/12/12			MM		A2 7:		
ASME YIA 5M		ANCES UNLESS ISE SPECIFIED		chr	hr -		-			►		ecn no <b>ELX-DG-35549-1</b>		
ASML 114.5M				appr	Heaven Cen		2020/04/22	product family			ExaMax	rel level	Released	
surface -	linear	0.X	±.3	A	shanal	● E v					ou			rev
		0.XX	±.   0	FCi	≟ ExaMAX R.A		A. NECLITAC		LL p	101370	04			
		0.XXX	$\pm.050$		FUI	+ ASS'Y, 4 PR, 140		POS, IO IMLA, Th		ick Wall 🕏				С
V	angular	0°	±°	cat. n			).		Pro		oduct – Custome		sheet II of II	
5 <b>PI</b>				S: Rev :C			STATUS:Released				Printed: Apr 23, 2020			