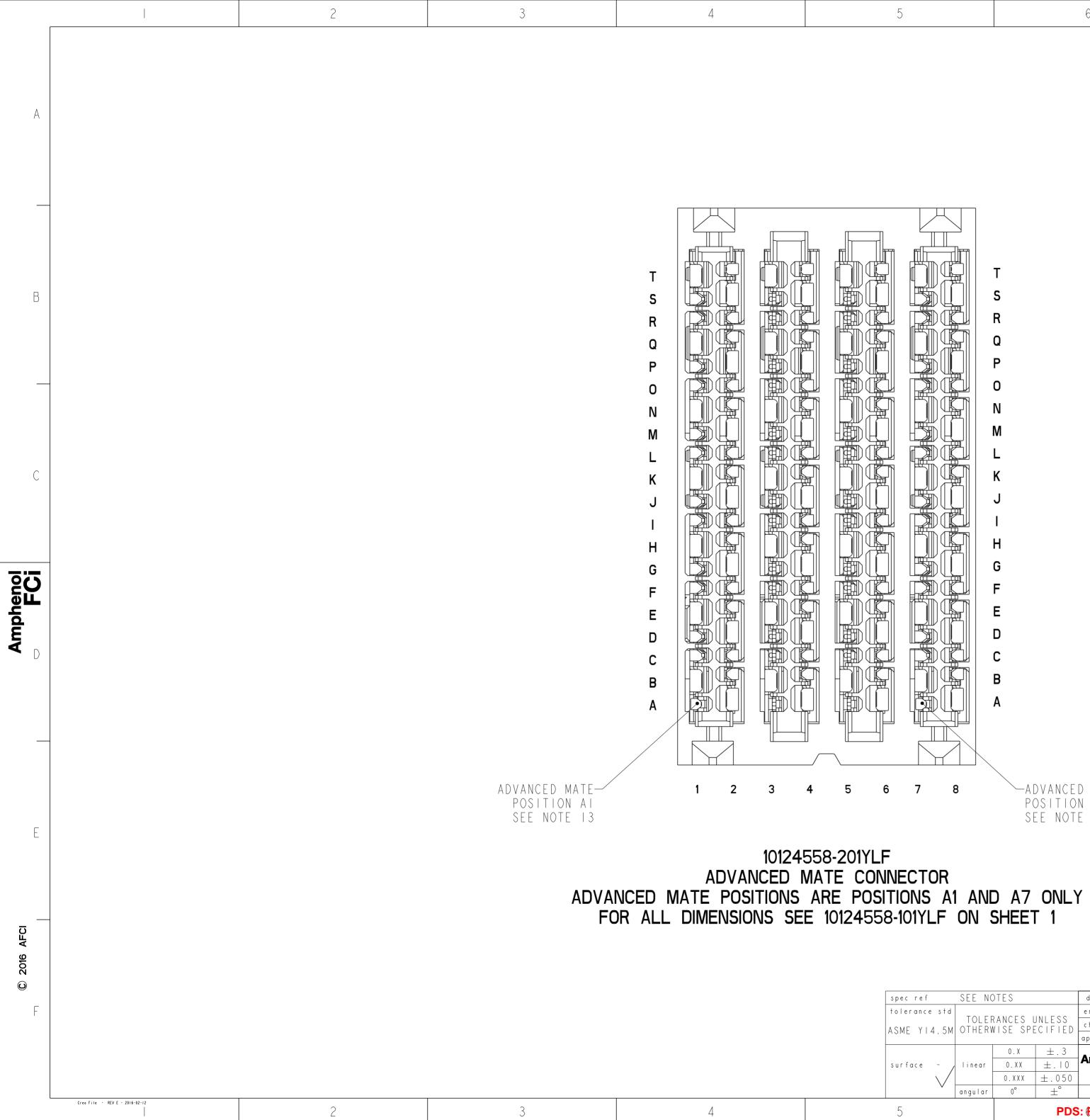


Creo File - REV E - 2016-02-1

5	6	7	8

AJML II	4.514				appr	Heaven Cen		2020/04/22	product	family	ЕхаМАХ	rel level	Released	
			0.X	±.3	A	shanal	© ⊑ v	aMAX RIGH	T - ANG		0 U			rev
surface	- /	linear	0.XX	±.10	Am	FCi			I ANC		Di Di	101245	58	
	\backslash		0.XXX	$\pm.050$		FUI	+ ASS	SY 6 PR, 160	POS, 8	IMLA, I6MM	d M			С
	v	angular	0°	±°			cat. no	٥.		Product –	Customer	Drw	sheet I of	
5				PDS	: Re	v :C		ST	ATUS:F	Released	Pri	nted: Apr	[.] 22, 2020	



5	6	7	8
	T S R Q P O N M L K J I H G F E D C B B A		
MATE CONNECTOR			

А

В

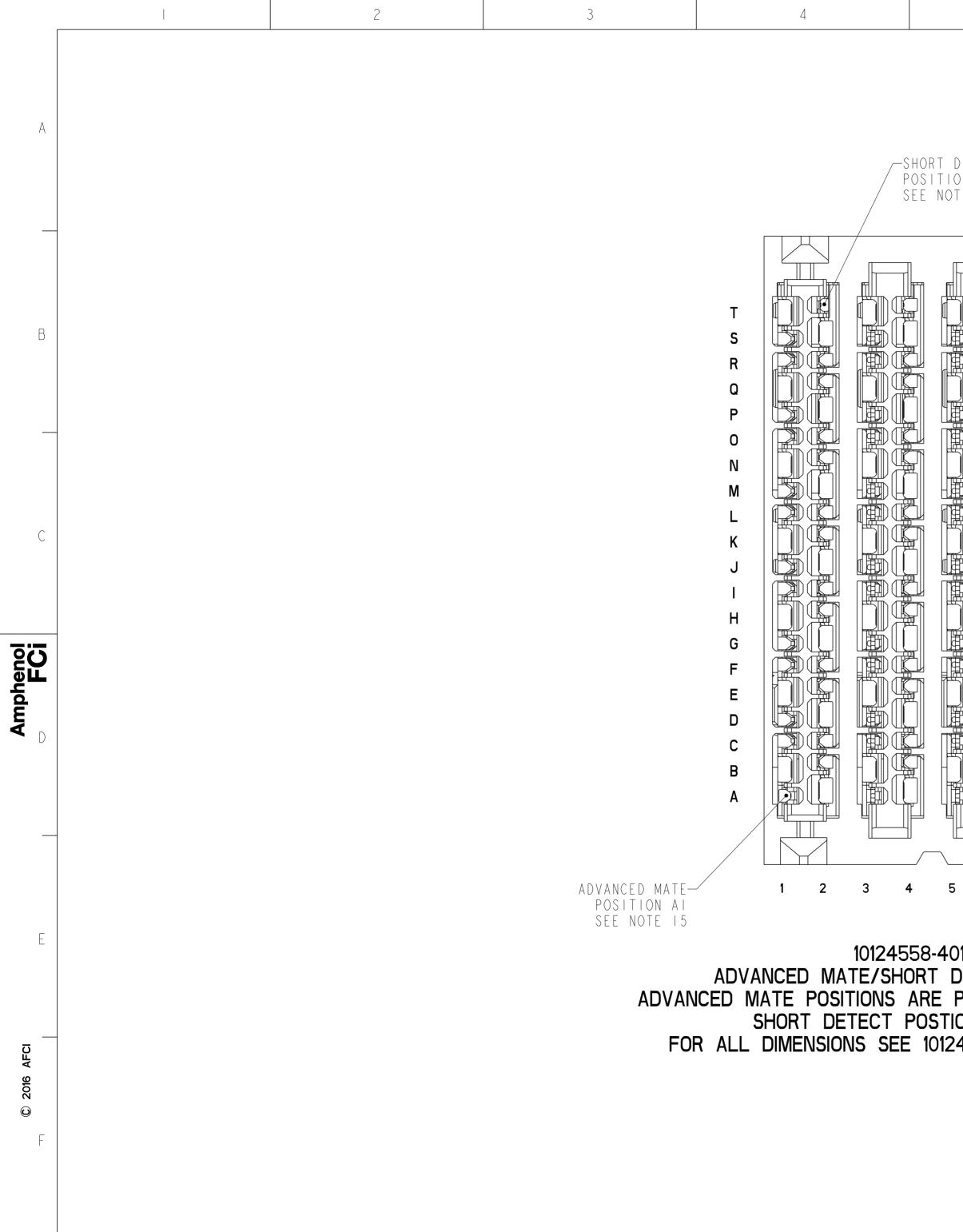
С

D

E

spec ref	SEE NO	DTES		dr	Mark R Gray		2013/03/06	proje	ection		ММ	size	scale		
tolerance std				eng	Peng-Bing Fu		2020/04/21		\square		v v	A 2	6:1		i F
ASME YIA 5M			NCES UNLESS SE SPECIFIED		-	-				-		ecn no	ELX-DG-36291-1		l
ASME 114.5M	OTHER			appr	Heaven Cen		2020/04/22	product	family		ЕхаМАХ	rel level	Released		l
		0.X	±.3	A	ohenol	° Fv	aMAX RIGH	T - ANG		P	0 L			rev	l
surface -	linear	0.XX	±.10	Am	FCi		JMAX NION	I ANO	LL IIVI	N .	â	101245	58		l
		0.XXX	$\pm.050$			+ ASS	Y 6 PR, 160	POS, 8	IMLA, I	6MM	dw			C	l
V I	angular	0°	±°			cat. no			Pro	oduct -	– Customer	Drw	sheet 2 of		J
5			PDS	6: Re	v :C		ST	ATUS:R	eleased		Pri	inted: Apr	22, 2020		

		2	3	4	5	6	7	8
A					-SHORT DETECT POSITION T2 SEE NOTE 14			A
В								В
Amphenol C C								C
© 2016 AFCI	Creo File - BEV E - 2016-02-12		F	SHORT DET	4 5 6 7 8 558-301YLF ECT CONNECTOR POSITION IS T2 ONLY E 10124558-101YLF ON S Sec ref SEE NO tolerance std TOLER ASME Y14.5M OTHERW Surface - linear angular	dr Mark R Gray ANCES UNLESS ISE SPECIFIED eng Peng-Bing Fu 0.X ±.3 0.XX ±.10 0.XXX ±.050	2013/03/06 projection 2020/04/21 D - - 2020/04/22 product family P ExaMAX RIGHT-ANGLE HDR - ASSY 6 PR, 160 POS, 8 IMLA, 16M cat. no. Prod	MM size scale F MM A2 6:1 F ecn no ELX-DG-36291-1 F F ExaMAX rel level Released rev M P 10124558 C MM P 10124558 C M P sheet 3 of 11
	Creo File - REV E - 2016-02-12	2	3	4	5	PDS: Rev :C	STATUS:Released	Printed: Apr 22, 2020



2

3

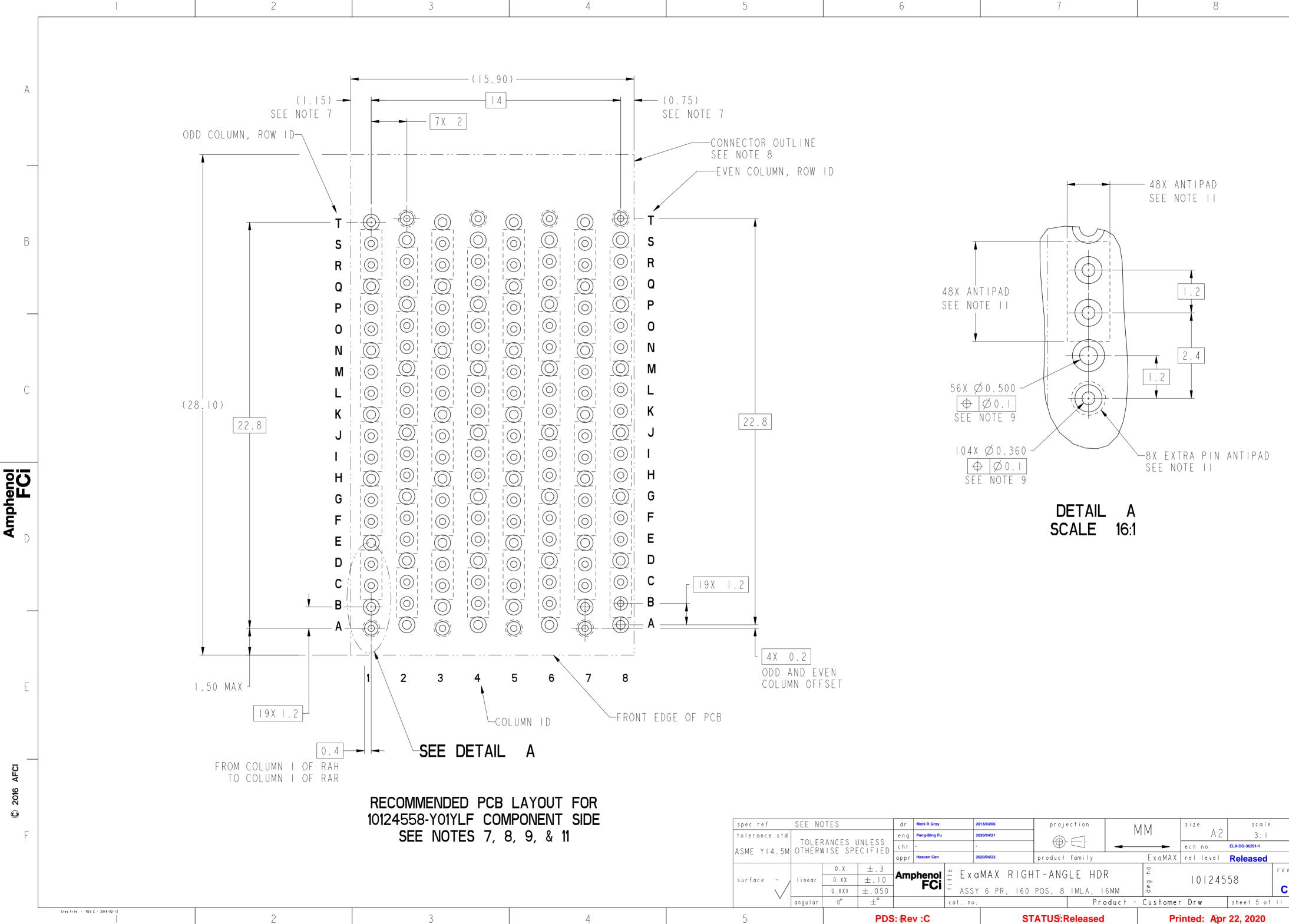
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Creo File - REV E - 2016-02-12

5	6	7	8
DETECT ION T2 DTE I5			
	T S R Q P O		
	N M L K J I H G		
	F E D C B A		
5 6 7 8	-ADVANCED MATE		
O1YLF DETECT CONNECTO POSITIONS A1 AND ION IS T2 ONLY	A7 ONLY		
24558-101YLF ON S	HEET 1		

D

spec ref	SEE NO	DTES		dr	Mark R Gray		2013/03/06	proj	ection	N	ЛМ	size	scale	
tolerance std				eng	Peng-Bing Fu 2		2020/04/21		\square	l I	v v	A 2	1:1	
ASME YIA 5M		ERANCES UNLESS RWISE SPECIFIED		chr	-	-				-	•	ecn no	ELX-DG-36291-1	
ASML 114.JM	OTHER.			appr	Heaven Cen		2020/04/22	product	family		ExaMAX	rel level	Released	
		0.X	±.3	A	honal	● Ev	aMAX RIGH		ור חטו	D	0 U			rev
surface - /	linear	0.XX	±. 0	Amt	ohenol FCi	— L X '	UMAA NIUH	I ANO	ILL IIVI	N .	D D	101245	58	
		0.XXX	$\pm.050$		FUI	+ ASS	Y 6 PR, 160	POS, 8	IMLA, I	6 M M	dw			С
v	angular	0°	±°			cat. no	•		Pro	oduct -	Customer	Drw	sheet 4 of	11
5		PDS: Rev :C			ST	ATUS:F	Released		Pri	nted: Apr	22, 2020			



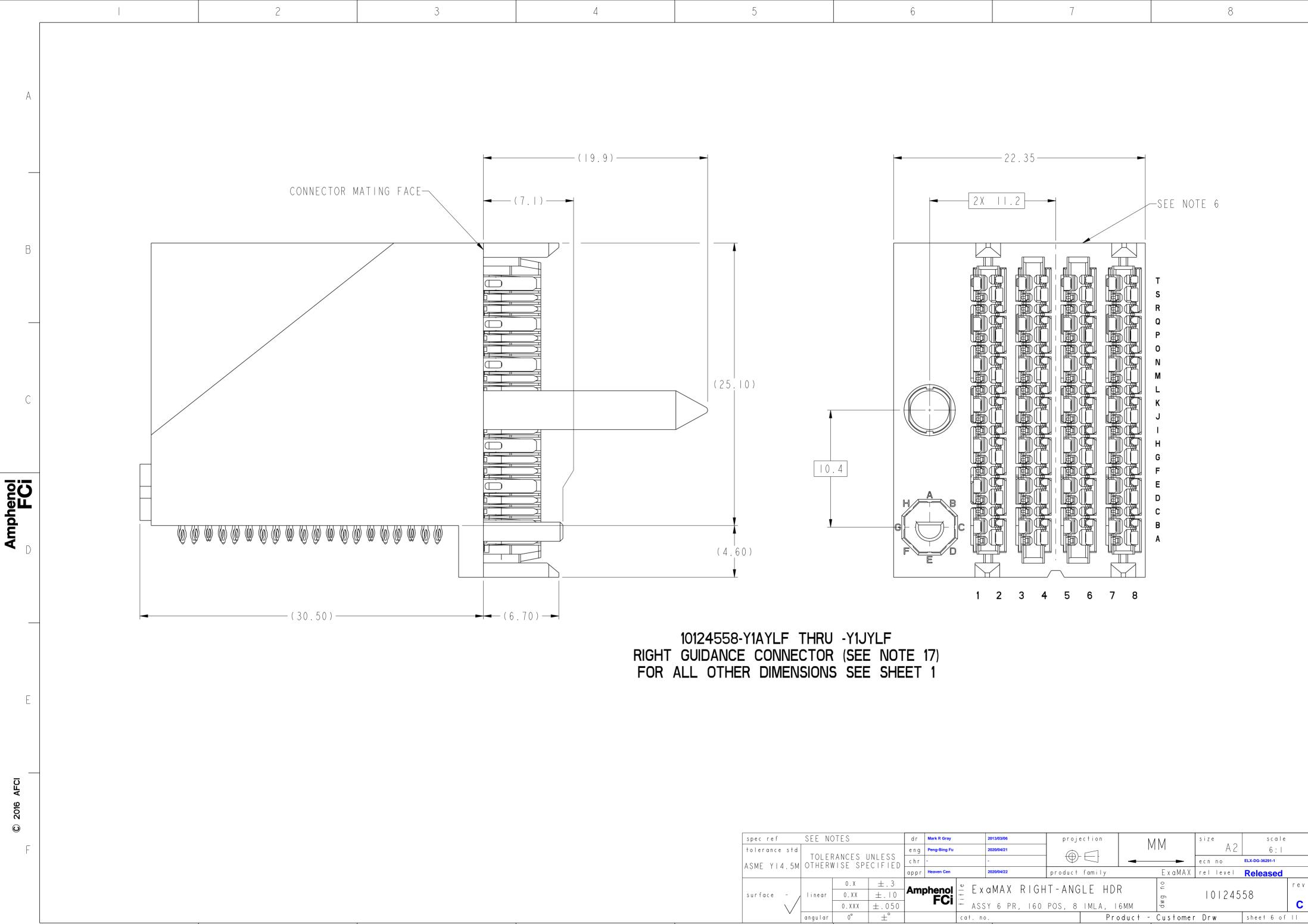
5	6	7	8

В

D

Е

spec ref		SEE NO	DTES		dr	Mark R Gray		2013/03/06	proje	ction	N	1 M	size	scale		
tolerance	e std				eng	Peng-Bing Fu		2020/04/21		\square	IN IN	' V	A 2	3:1		F
ASME YI	1 5M	OTHERV	RANCES U	JNLESS FCIFIFD	chr	-		-	\square	\Box			ecn no	ELX-DG-36291-1		
A SML II	4.514	OTHERN			appr	Heaven Cen		2020/04/22	product	family		ЕхаМАХ	rel level	Released		
			0.X	±.3	A.m.	ohenol	° Ev.	aMAX RIGH	T - ANG		Ç	0			rev	
surface	- /	linear	0.XX	±. 0	Am	FCi						D D	101245	58		
	$\langle \rangle$		0.XXX	$\pm.050$			+ ASS	Y 6 PR, 160	POS, 8	IMLA, I	6MM	d w		_	С	
	v	angular	0°	±°			cat. no	·		Pro	oduct –	Customer	Drw	sheet 5 of	11	
5				PDS	: Re	v :C		ST	ATUS:R	eleased		Pri	nted: Apr	22, 2020		



4

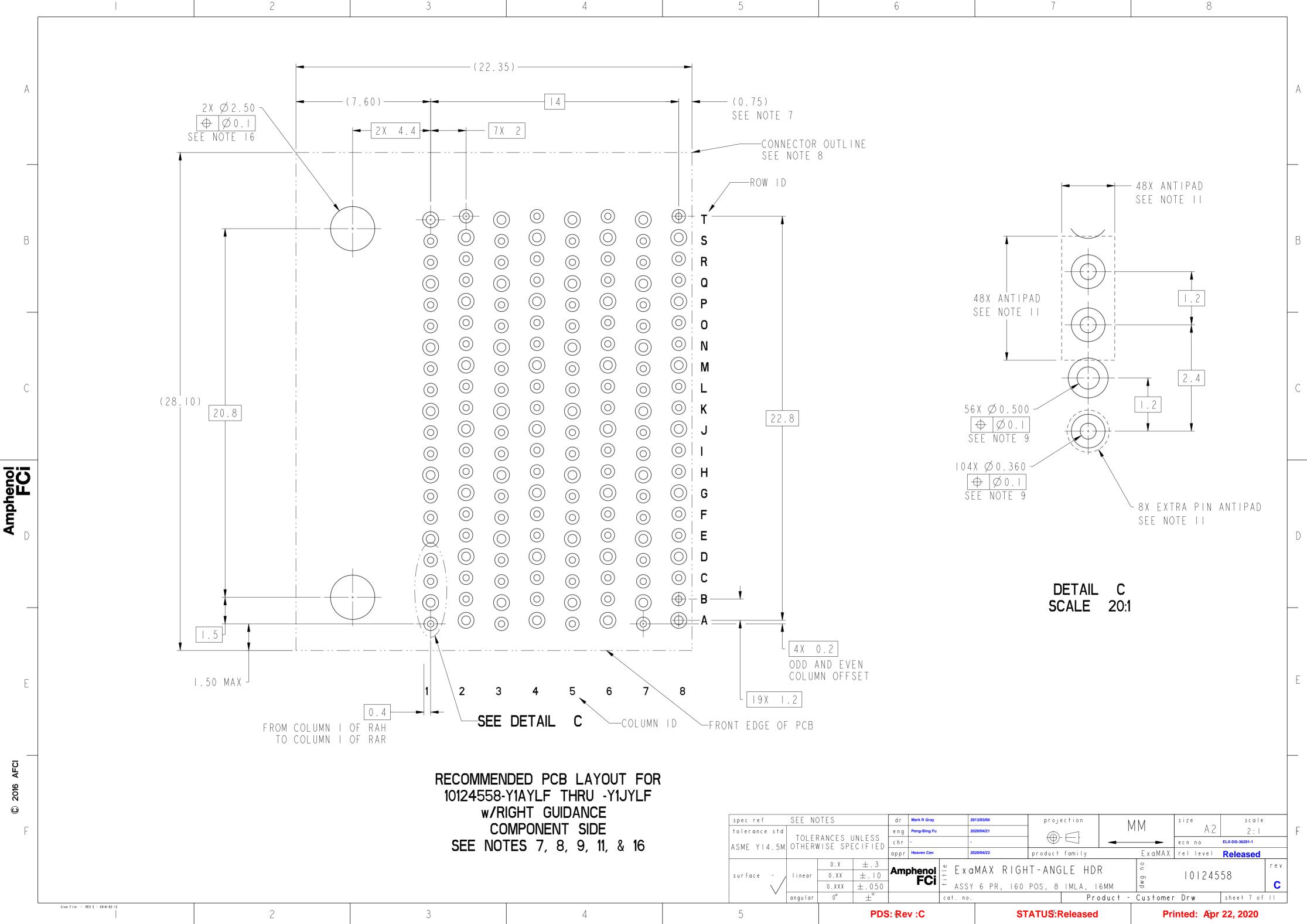
Creo File - REV E - 2016-02-12 2 3

5	6	7	8

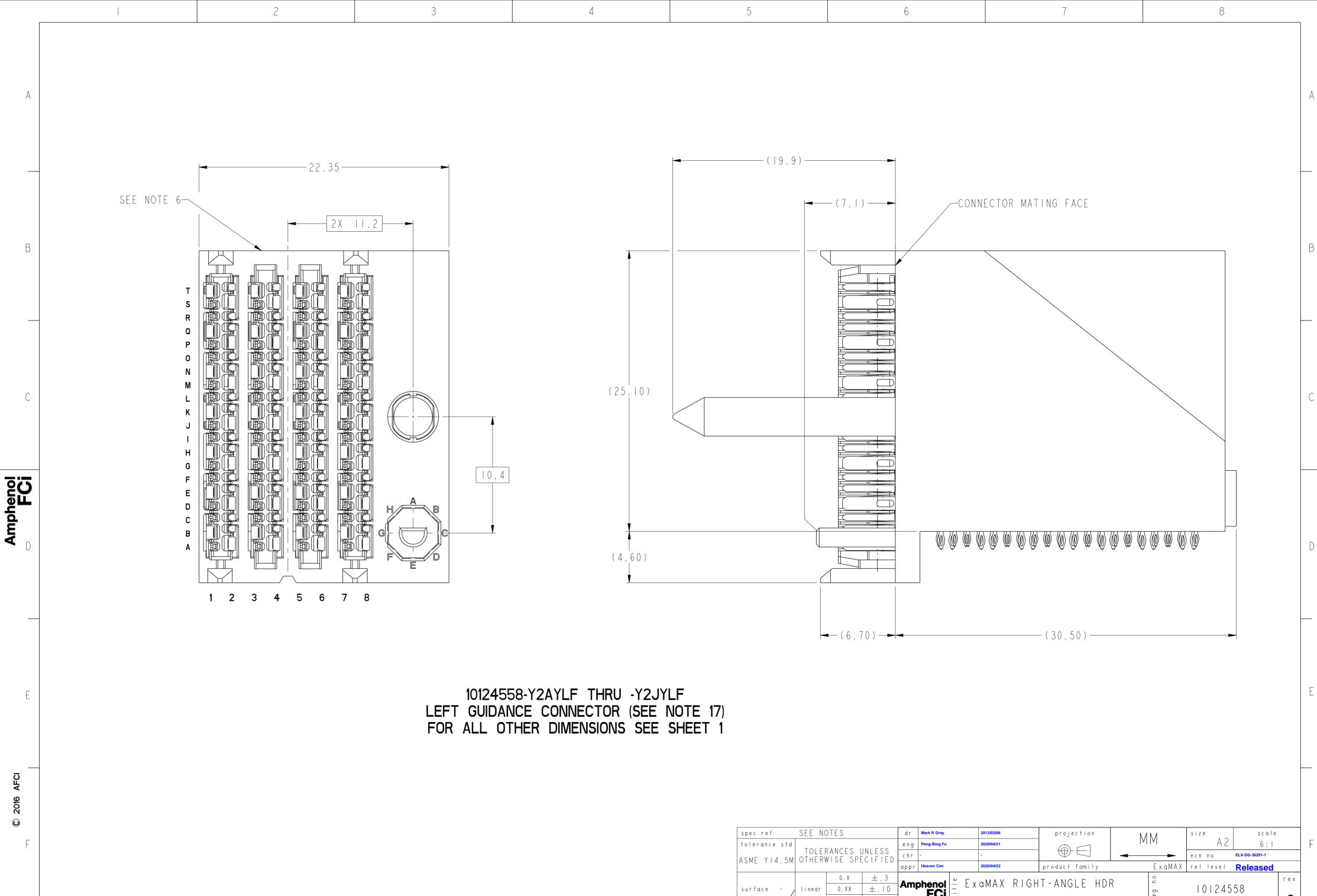
В

D

spec ref		SEE NC) T E S		dr	Mark R Gray		2013/03/06	proje	ection	N	ЛМ	size	scale	
tolerance	std				eng	Peng-Bing Fu		2020/04/21		\square		VIIVI	A 2	6:1	
ASME YI4	1 5 M	I OLFF	ANCES L	JNLESS	chr	-		-			-		ecn no	ELX-DG-36291-1	
ASML 114	+.J™	VIIILIN	INCL OF L		appr	Heaven Cen		2020/04/22	product	family		ЕхаМАХ	rel level	Released	
			0.X	±.3	A	shanal	© ⊑.v	aMAX RIGH			D	0 U			rev
surface	- /	linear	0.XX	±. 0	Amj	FCi		QMAA NIGH	I-ANG		Γ	σ	101245	58	
	$\langle \rangle$		0.XXX	$\pm.050$		FUI	+ ASS	Y 6 PR, 160	POS, 8	IMLA, I	6 MM	d v			С
	v	angular	0°	±°			cat.no).		Pro	oduct -	Customer	· Drw	sheet 6 of	
5	5 PDS: Rev :C			ST	ATUS:F	Released		Pri	inted: Apr	22, 2020					

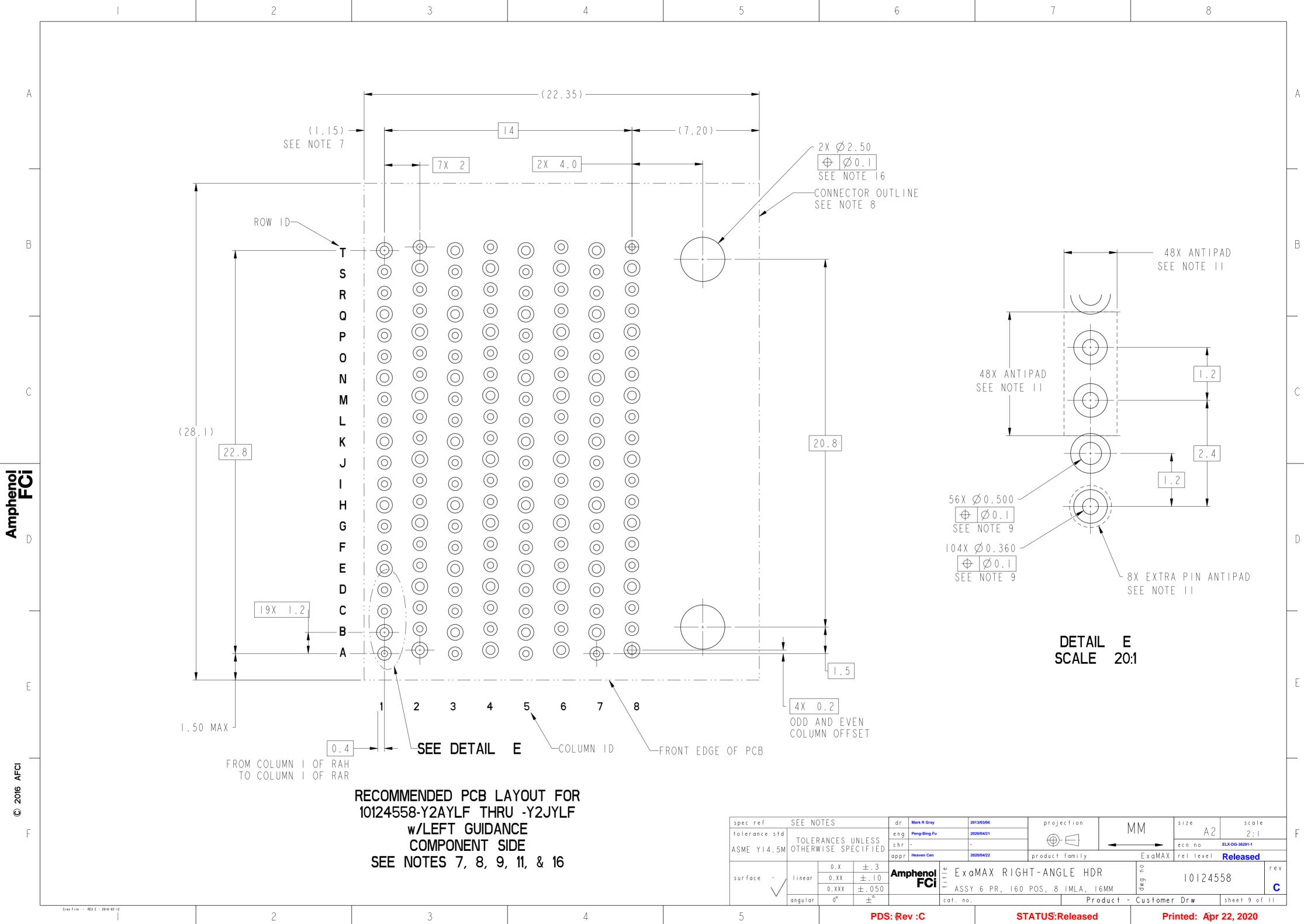


5	6	7	8



Creo File - REV E - 2016-02-12

spec ref		SEE NC	DTES		dr	Mark R Gray	2013/03/06	projection	N 4 N 4	s i z e	scale	<u>)</u>
tolerance	e std	TO 1 55			eng	Peng-Bing Fu	2020/04/21		MM	A 2	6:1	
			RANCES UNLESS		chr	-	-		►	ecn no	ELX-DG-36291-1	
ASML II	YI4.5M OTHERWISE SPECIFIED			appr	Heaven Cen	2020/04/22	product family	ExaMAX	rel level	Released		
			0.X	±.3	A		AMAY DIGU	T-ANGLE UD	D C			rev
surface	surface - / I		0.XX	±. 0	Amt		xaMAX RIGHT-ANGLE HDR		D D	101245	58	
			0.XXX	$\pm.050$		+ ASS	Y 6 PR, 160	POS, 8 IMLA,	3 IMLA, I6MM 🕏			C
	v	angular	0°	±°		cat.no).	Pr	oduct – Custome	r Drw	sheet 8 of	f I I
5 PDS: Rev :C				ST	ATUS:Released	i Pi	rinted: Apr	· 22, 2020				



		2	3		4		5			6		7		8	
			\bigcirc 2	455	\bigcirc	\	\vee		/						
A										P S	PLATING See note	2			A
				MODULE DESCRIPTION		DES	IGNATION RE	PRESENTED	IN DASH				BASE MODULE	-	
В				STANDARD NO GUIDANCE (SEE SHEET I)				01							В
				RIGHT GUIDANCE MODULE (SEE SHEET 6)	1A G F E D	$\begin{array}{c c} \mathbf{1B} & \mathbf{1C} \\ \mathbf{B} & \mathbf{B} \\ \mathbf{C} & \mathbf{B} \\ \mathbf{C} & \mathbf{C} \\ \mathbf{F} & \mathbf{C} \\ \mathbf{F} & \mathbf{C} \\ \mathbf{C} $	A	$\begin{array}{c c} \mathbf{1E} \\ \mathbf{C} & \mathbf{G} & \mathbf{F} \\ \mathbf{C} & \mathbf{F} \\ \mathbf{E} \\$	IF G H A B F E C	1G G H A B F D C	1H G H A B F E D	(NO KEY) $H A B$ $G E C$ $F E D$			
С	A S S E M B L Y P A R T NUMB E R 10124558 - 1 Y Y Y L F 10124558 - 2 Y Y Y L F	DESCRIPTION STANDARD MATE ADVANCED MATE		LEFT GUIDANCE MODULE (SEE SHEET 8)	$\frac{2A}{G \underset{F}{\overset{H}{\underset{E}{\overset{A}{\overset{B}{\overset{B}{\overset{C}}{\overset{C}{\overset{C}}{\overset{D}{\overset{C}}{\overset{C}{\overset{C}}{\overset{D}{\overset{C}}{\overset{C}}{\overset{D}{\overset{C}}{\overset{D}{\overset{C}}{\overset{C}}{\overset{D}{\overset{C}}{\overset{D}{\overset{C}}{\overset{D}{\overset{C}}{\overset{D}{\overset{C}}{\overset{D}{\overset{C}}{\overset{D}{\overset{C}}{\overset{D}{\overset{C}}{\overset{D}{D$	2B C	A	2E	$\frac{2F}{G \underset{F \\ E}{\overset{H}{\longrightarrow}} \underset{E}{\overset{A}{\longrightarrow}} \underset{D}{\overset{B}{\longrightarrow}} \underset{D}{\overset{C}{\longrightarrow}} \underset{D}{\overset{C}{\overset{C}{\longrightarrow}}} \underset{D}{\overset{C}{\overset{C}{\longrightarrow}} \underset{D}{\overset{C}{\overset{C}{\longrightarrow}}} \underset{D}{\overset{C}{\overset{C}{\longrightarrow}} \underset{D}{\overset{C}{\overset{C}{\longrightarrow}} \underset{D}{\overset{C}{\overset{C}{\overset{C}{\longrightarrow}}} \underset{D}{\overset{C}{\overset{C}{\overset{C}{\overset{C}{\overset{C}{\overset{C}{\overset{C}{\overset$	$\frac{2G}{G \xrightarrow{F \xrightarrow{B} \\ E}} C$	$\frac{2H}{G \underset{F}{\overset{H}{\underset{E}{\overset{A}{\overset{B}{\overset{B}{\overset{B}{\overset{C}}{\overset{B}{\overset{C}}{\overset{B}{B$	(NO KEY) $H O C E C E C C E C C C C C C C C C C C C$			С
Amphenol FCi	10124558-3YYYLF	SHORT DETECT VANCED MATE & SHORT DETE	<u>CT</u>												D
E															E
© 2016 AFCI															
F							spec ref tolerance s ASME YI4.	SEE NOTES Std TOLERANCE 5M OTHERWISE	SUNLESS	dr Mark R Gray eng Peng-Bing Fu chr -	2013/03/06 2020/04/21 -	projectio		size scal A 2 I:I ecn no ELX-DG-36291-1	I F
	Creo File · REV E · 2016-02-12						surface -	0.X	$\begin{array}{c c} & & & \\ x & \pm .3 \\ \hline x & \pm .10 \\ \hline x & \pm .050 \\ \hline & \pm^{\circ} \end{array}$			IGHT-ANGLE 160 POS, 8 IML	HDR LA, 16MM Product – Custom	AX rel level Released 10124558 mer Drw sheet 10	rev C of II

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

		PDS: Rev :C				STATUS: F	Released	Printed: Apr 22, 2020		
V	angular	0°	÷,		cat. no.		Product –	Customer Drw	sheet 10 of 11	
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		2	3	4	5	6	7	8
	NOTES							
A	IMLA PLASTIC: HIGH T Contact: copper allo	THERMOPLASTIC, BLACK, UL9 TEMP THERMOPLASTIC, BLACK	, UL94-V0					A
	2 - CONTACT PLATING: SEPARABLE INTERFACE: -YYYLF:PERFORMAN INCLUDING TELCOF -YYY2LF:GXT+ OVE -YYY9LF:GXT OVEF	NCE-BASED PLATING, QUALIF RDIA GR-1217-CORE (NOVEMB ER NICKEL	IED TO MEET THE REQU ER 1995) CENTRAL OFF	IIREMENTS OF FCI PRODUCT SP ICE TEST SEQUENCE	ECIFICATION GS-12-1096			
	PRESS-FIT TAILS:	: TIN OVER NICKEL (LEAD F	REE)					
В	3 - PRODUCT SPECIFICATIO	DN: GS-12-1096						В
	4 - APPLICATION SPECIFIC	CATION: GS-20-0361						
	5 - PACKAGING MEETS GS-	14-920 LEAD FREE LABELING	SPECIFICATION.					
	6 - PRODUCT MARKING, (PA	ART NUMBER & LOT CODE), O	N THIS SURFACE.					
	(7)- THE MINIMUM VIA SPAC OR 3.0 mm AS DEFINED DRAWING. REFER TO TH	CING BETWEEN STACKED CONN D BY NOTE 7 ON THE MATING HE APPLICATION SPECIFICAT	ECTORS WILL BE 2.0 m RECEPTACLE CUSTOMER ION FOR DETAILS.	nm 2				
С	8 - CONNECTOR OUTLINE N BE USED AS A GUIDE F	MAY BE SCREEN PRINTED ONT FOR MANUAL CONNECTOR PLAC	O CUSTOMER PCB TO EMENT.					C
		RAWING IOII9933 FOR INFOR RS AND PLATING OPTIONS						
		THE EUROPEAN UNION DIRECT ATIONS AS DESCRIBED IN GS						
Amphenol FCi		IDE GS-20-05II FOR RECOMM FOOTPRINT AND TRACE ROUTI						
Ami ^c		THSTAND EXPOSURE TO 260°C 30 SECONDS IN A CONVECTIO DW OVEN.						D
	OF MATING CONTACTS 1	EADER, IOI24558-2YYYLF, W TE RECEPTACLE WILL PROVID THAT MATE 0.75MM BEFORE T GNAL AND GROUND CONTACTS.	HE					
	(14) THE SHORT DETECT HEA WITH A STANDARD MATE OF MATING CONTACTS T	ADER, IOI24558-3YYYLF, WH E RECEPTACTLE WILL PROVI THAT MATE I.00 MM AFTER T GNAL AND GROUND CONTACTS.	EN MATED DE I PAIR HE					
E	CONTACTS THAT MATE (GROUND CONTACTS AND	HORT DETECT HEADER, 10124 TE RECEPTACTLE WILL PRO 0.75 MM BEFORE THE REMAIN 1 PAIR OF MATING CONTACT OF THE SIGNAL AND GROUND	DER OF THE SIGNAL AN S THAT MATE I.00 MM	E D NG ID				E
2016 AFCI	CONNECTOR TO THE PCE	EITHER A RIGHT OF LEFT G 2 HOLD-DOWN SCREWS MUST B 3. THE SCREW LENGTH SHALL E PCB BOARD. SCREWS ARE N	BE 2.0-6.0mm PLUS					
© F	FEATURES WHEN LOOKIN DESIGNATION OF THE N	ATED GUIDE ORIENTATION IS NG AT THE MATING FACE OF MATING HEADER IS DEFINED GUIDE RIGHT ANGEL HEADER	THE RIGHT ANGEL RECE BY THE RIGHT ANGEL R	PTACLE. THE LEFT / RIGHT	spec refSEE NOtolerance stdTOLELE.)ASME YI4.5M	RANCES UNLESS chr	D13/03/06 projection D20/04/21 D20/04/22 product family	MM A2 Scale ExaMAX relievel Released
	(18) ALL GROUND CONTACTS	WITHIN A COLUMN ARE COMM	ONED		surface - linear	$ \begin{array}{c cccc} 0.x & \pm .3 \\ \hline 0.xx & \pm .10 \\ \hline 0.xxx & \pm .050 \end{array} \begin{array}{c} \text{Amphenol} \\ \hline $	MAX RIGHT-ANGLE HDR 6 pr, 160 pos, 8 imla, 16mm	දි ති 0 24558 C
	Creo File - REV E - 2016-02-12	2	3	4	angular 5	0° ±° cat. no. PDS: Rev :C	STATUS:Released	- Customer Drw sheet 11 of 11 Printed: Apr 22, 2020

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