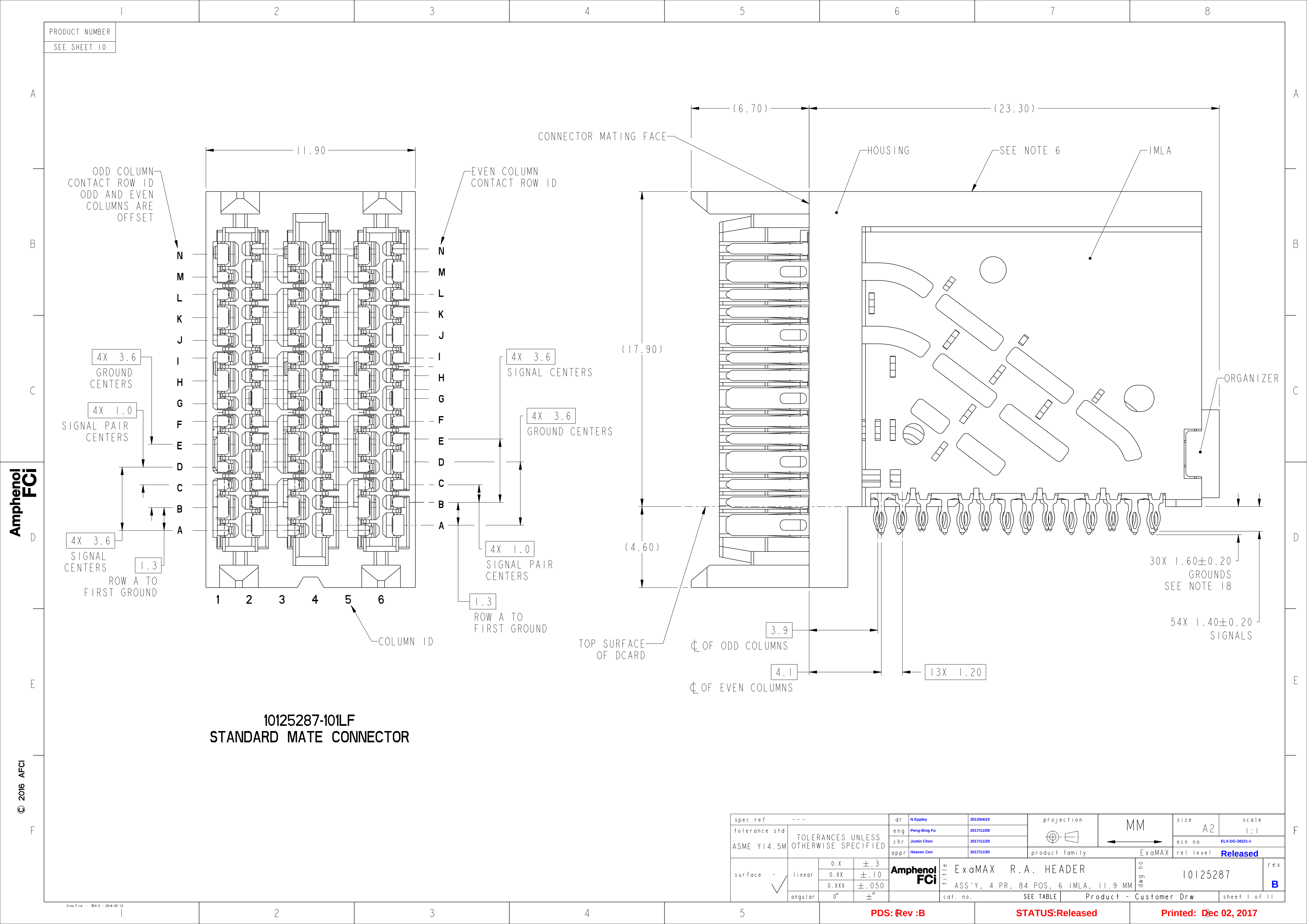
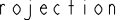
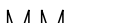
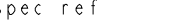




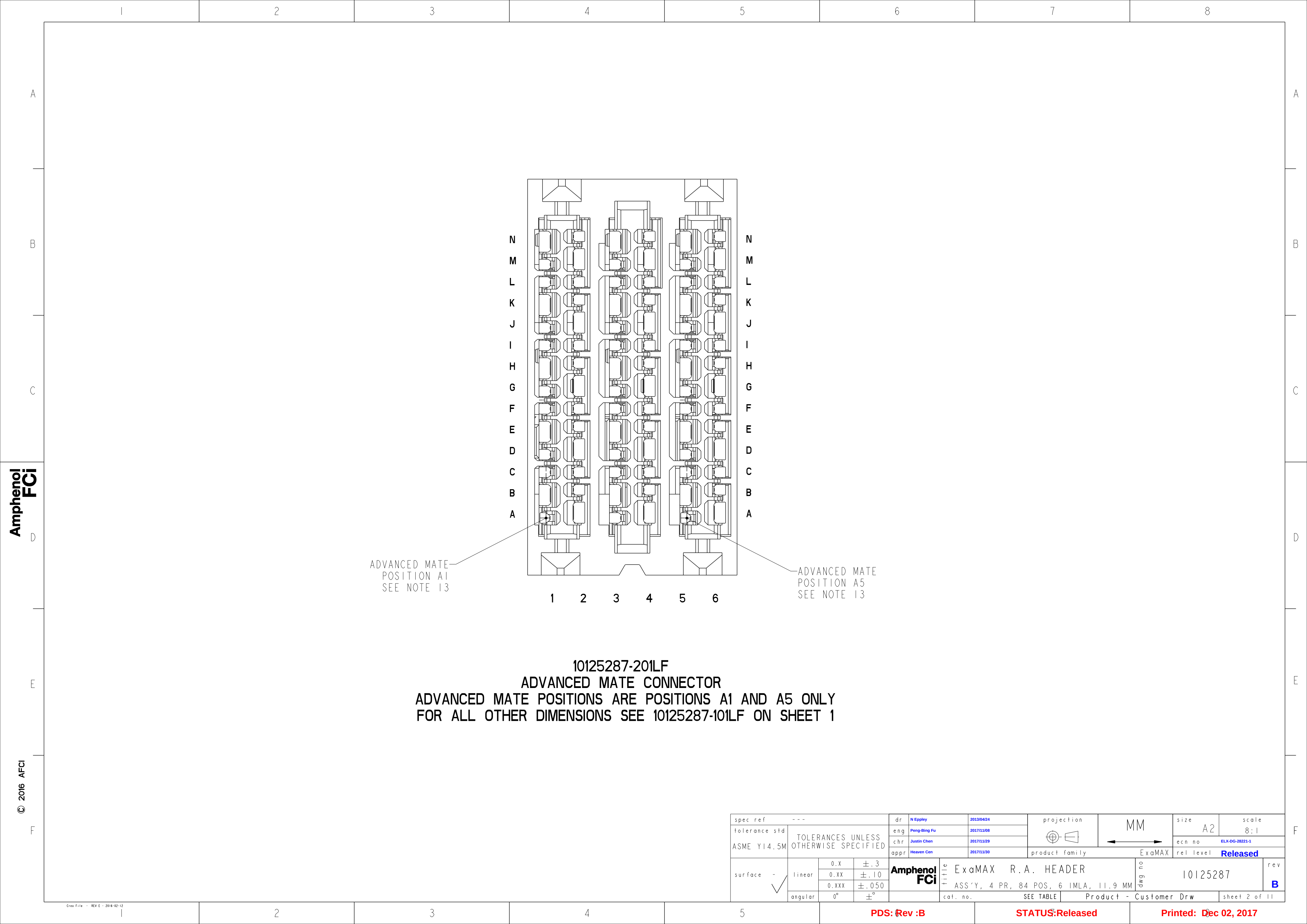
10125287-101LF
STANDARD MATE CONNECTOR

spec ref		---		dr	N Eppley	2013/04/24			size	A2	scale	1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng			Peng-Bing Fu	2017/11/08	ecn no	ELX-DG-28221-1	
ASME Y14.5M		chr	Justin Chen			2017/11/29			product family	ExaMAX		rel level	Released
		appr	Heaven Cen			2017/11/30							
	linear	0.X	±.3		title				ExaMAX R.A. HEADER	dwg no	10125287	rev	B
		0.XX	±.10										
		0.XXX	±.050										
		angular	0°	±°	cat. no.				SEE TABLE	Product - Customer Drw		sheet 1 of 11	

PDS: Rev :B

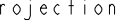
STATUS:Released

Printed: Dec 02, 2017



Amphenol
FCi

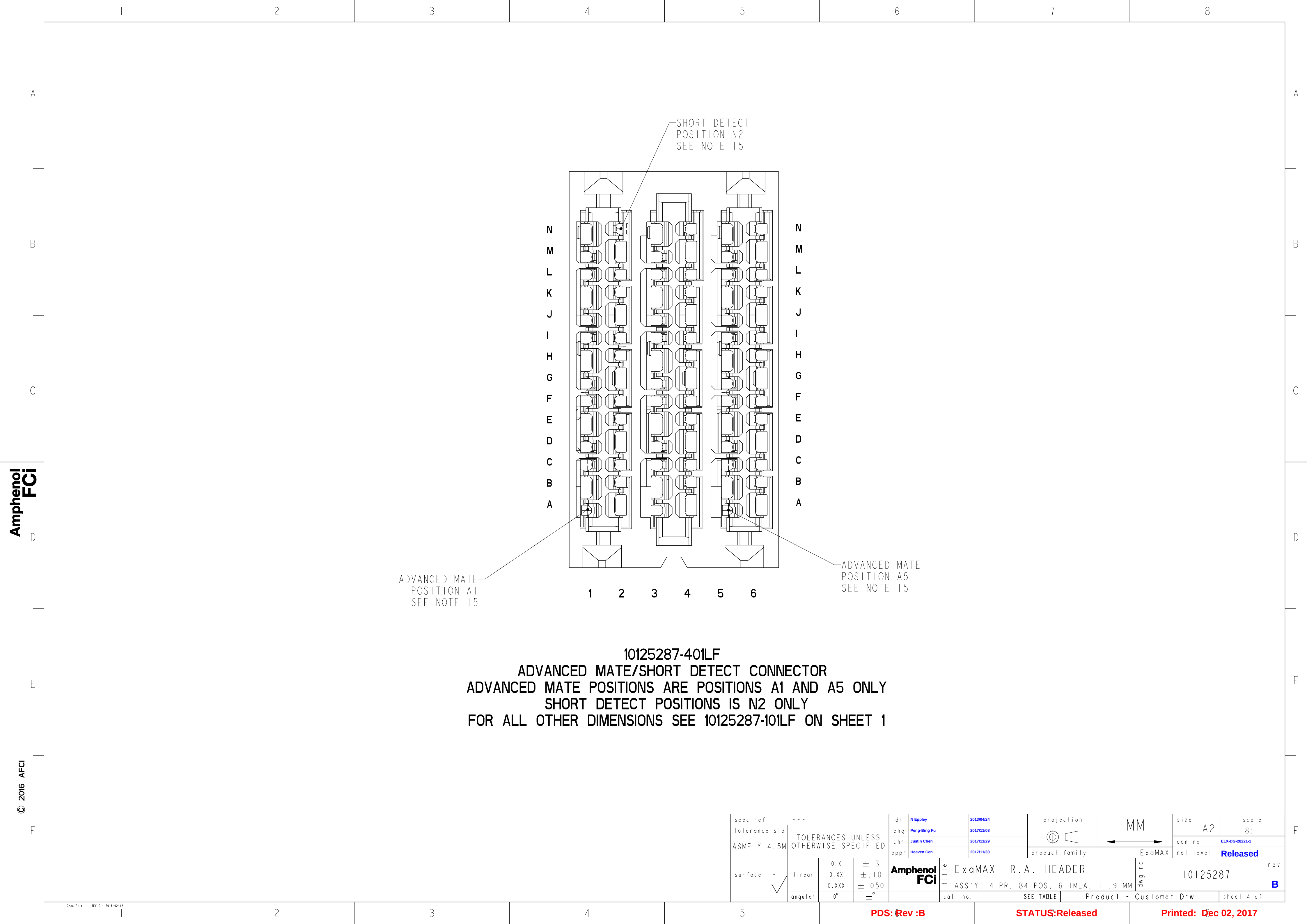
© 2016 APCI

spec ref		---		dr		N Eppley		2013/04/24		projection				size		A2		scale		8:1	
tolerance std		ASME Y14.5M		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/08		Justin Chen		2017/11/29		ecn no		ELX-DG-28221-1			
						chr		Heaven Cen		2017/11/30		product family		ExaMAX		rel level		Released			
surface		-		linear		0.X		±.3		Amphenol FCI		title		ExaMAX R.A. HEADER		dwg no		10125287		rev	
		✓				0.XX		±.10				ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM								B	
				angular		0°		±°				cat. no.		SEE TABLE		Product - Customer Drw		sheet 2 of 11			

PDS: Rev :B

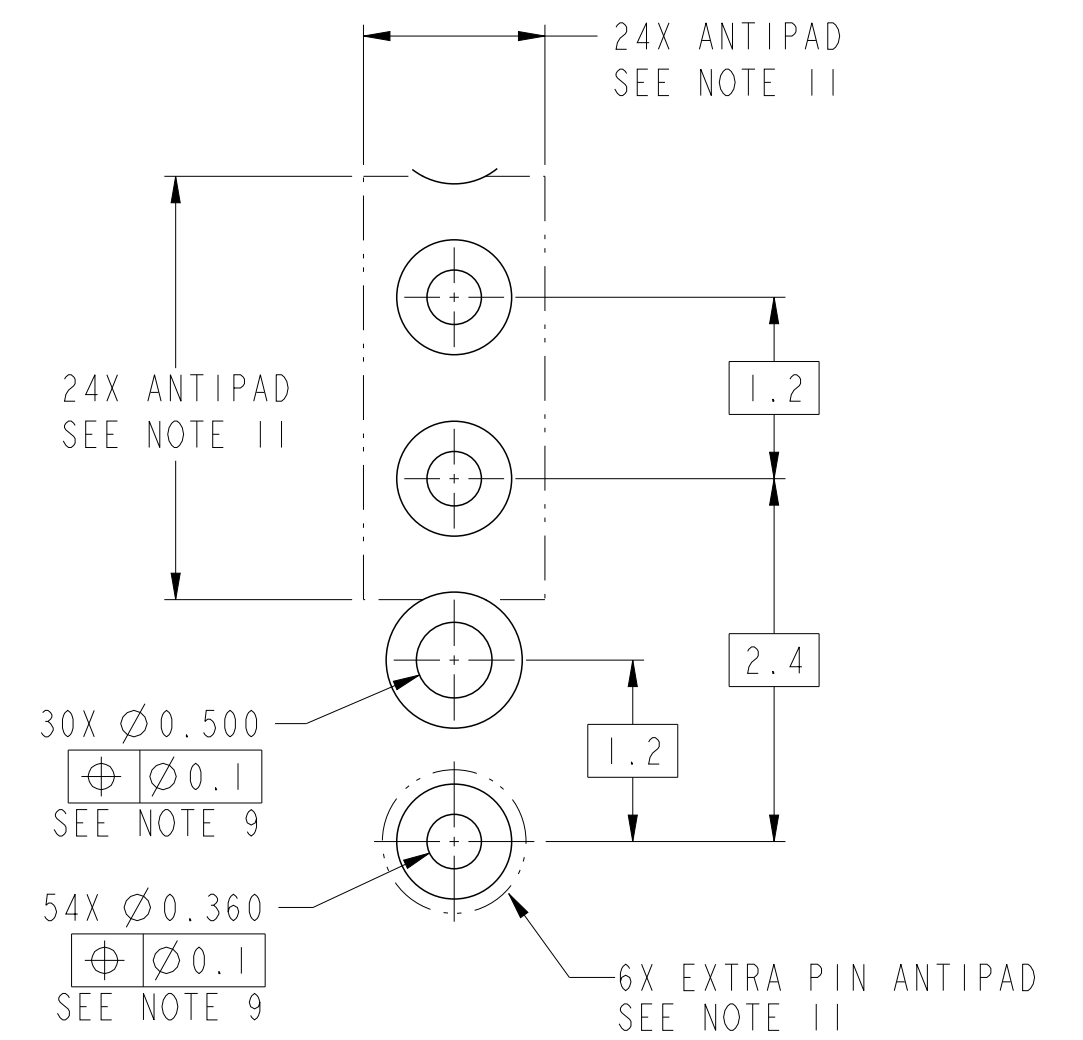
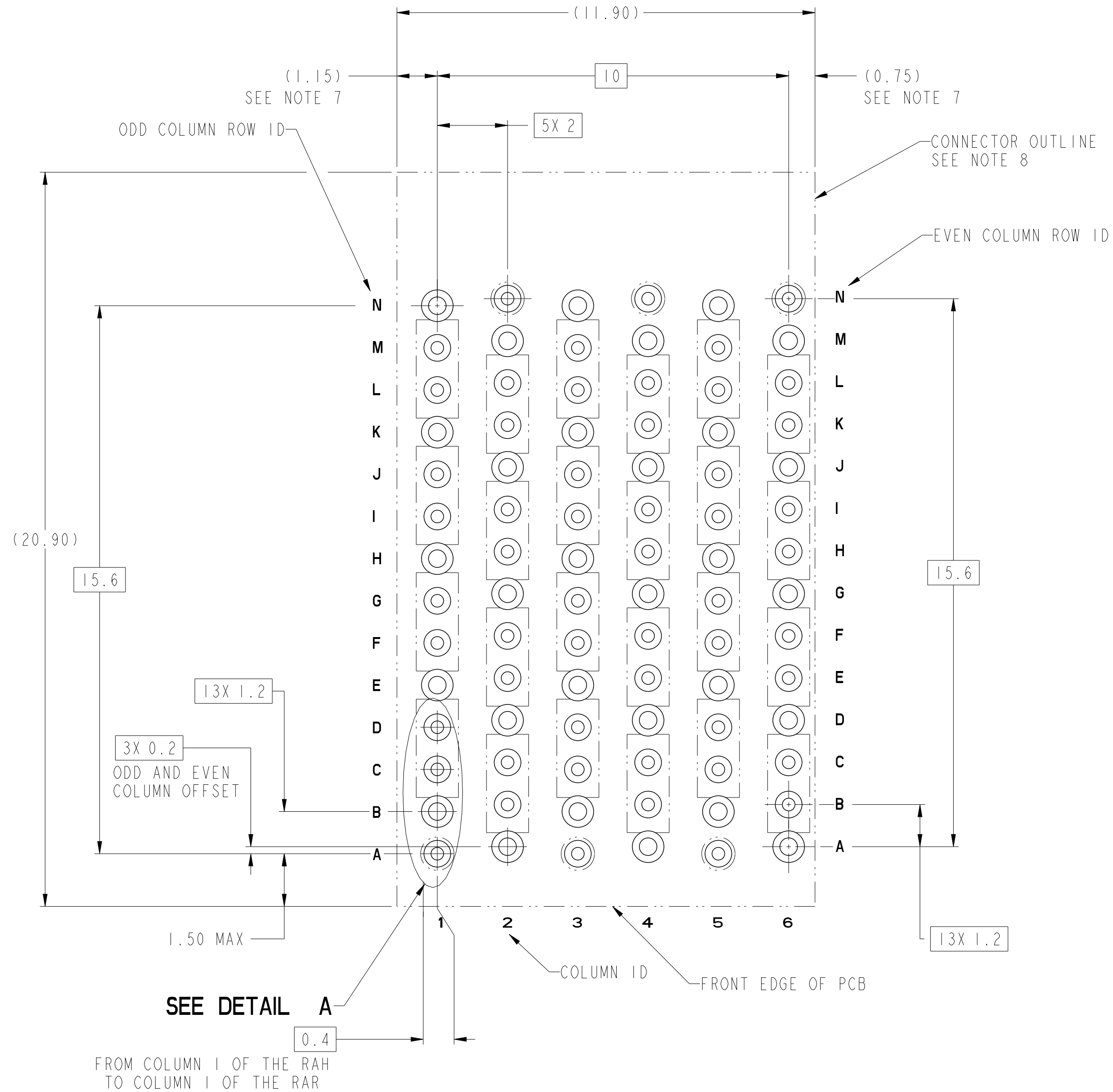
STATUS:Released

Printed: Dec 02, 2017



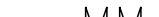
10125287-401LF
ADVANCED MATE/SHORT DETECT CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY
SHORT DETECT POSITIONS IS N2 ONLY
FOR ALL OTHER DIMENSIONS SEE 10125287-101LF ON SHEET 1

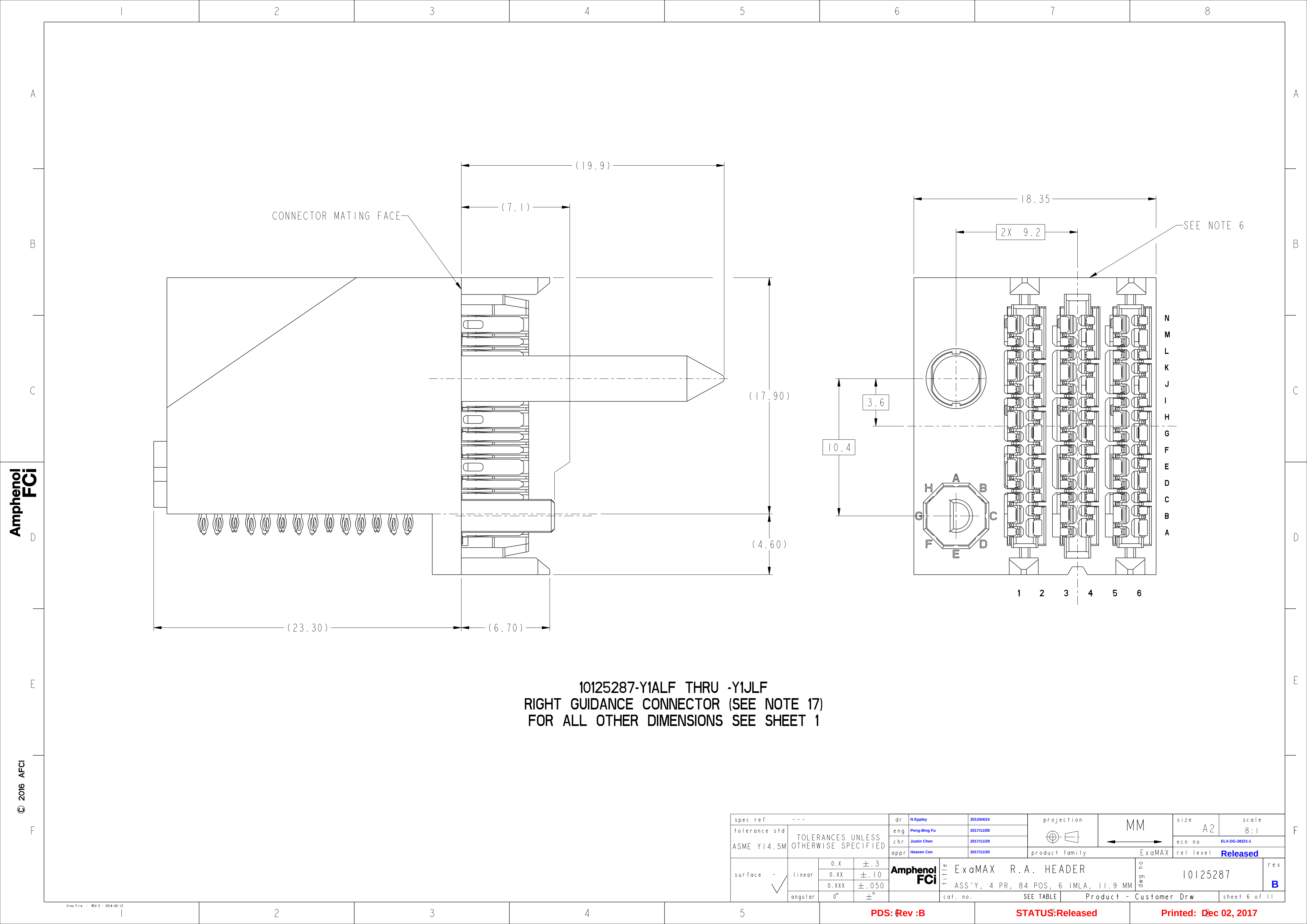
spec ref ---				dr N Eppley		2013/04/24		projection		MM		size A2		scale 8:1	
tolerance std				eng Peng-Bing Fu		2017/11/08						ecn no		ELX-DG-28221-1	
ASME Y14.5M				chr Justin Chen		2017/11/29						rel level		Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Heaven Cen		2017/11/30		product family		ExaMAX					
surface - ✓		linear		Amphenol FCI		title		ExaMAX R.A. HEADER		dwg no		10125287		rev B	
		0.XX ±.10													
		0.XXX ±.050													
angular		0° ±°				cat. no.		SEE TABLE		Product - Customer Drw		sheet 4 of 11			



DETAIL A
SCALE 20:1

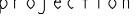
RECOMMENDED PCB LAYOUT
10125287-Y01LF COMPONENT SIDE
SEE NOTES 7, 8, 9 & 11
SCALE 10:1

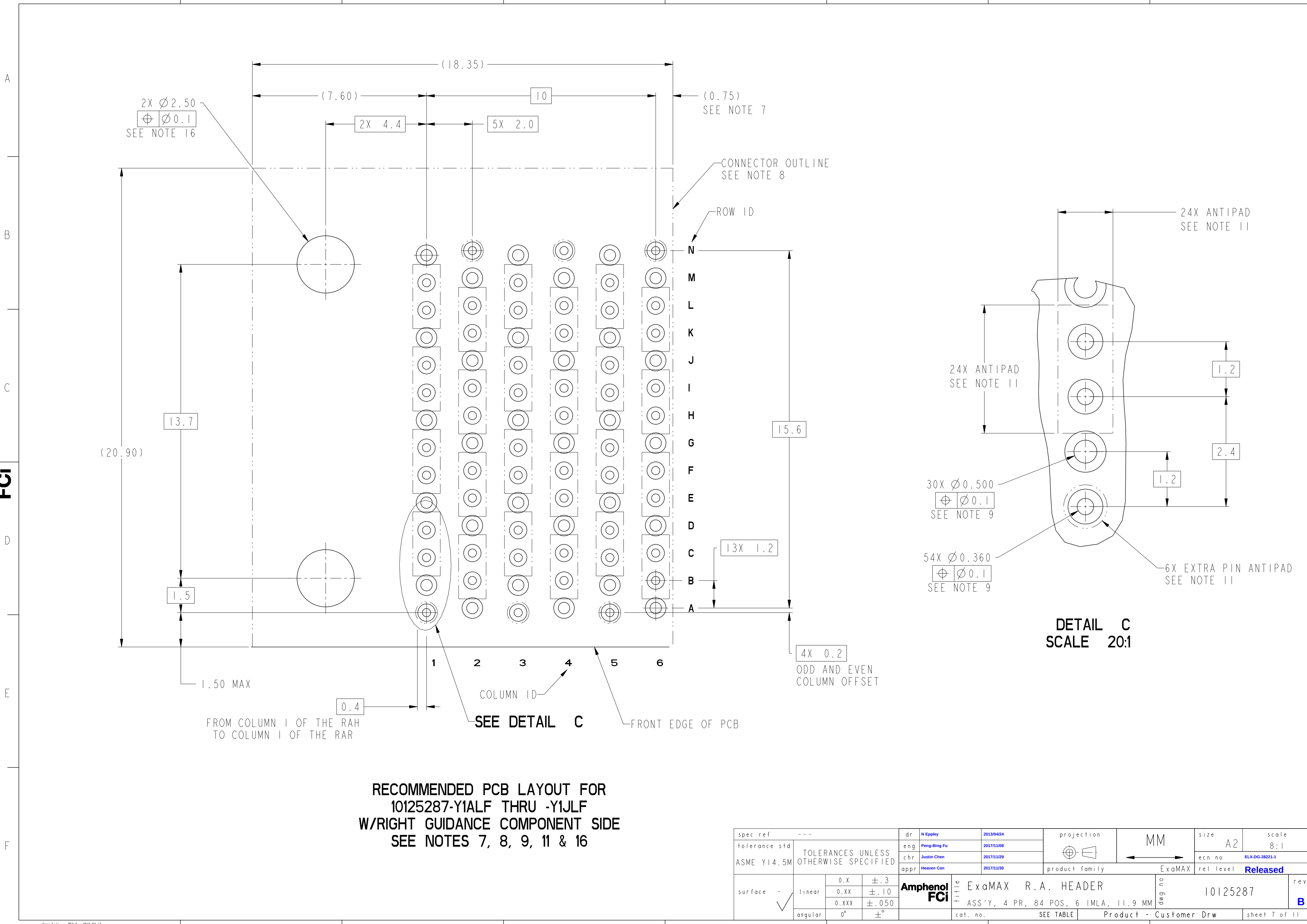
spec ref			---			dr		N Eppley		2013/04/24		projection		MM		size		A2		scale		1:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED					eng		Peng-Bing Fu		2017/11/08						ecn no		ELX-DG-28223-1										
ASME Y14.5M							chr		Justin Chen		2017/11/29						rel level		Released										
						appr		Heaven Cen		2017/11/30		product family		ExaMAX															
surface - 		linear		0.X		±.3		Amphenol FCI		file		ExaMAX R.A. HEADER ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM										dwg no		10125287		rev		B	
				0.XX		±.10																							
				0.XXX		±.050																							
		angular		0°		±°						cat. no.		SEE TABLE		Product -		Customer Drw		sheet 5 of 11									



Amphenol
FCi

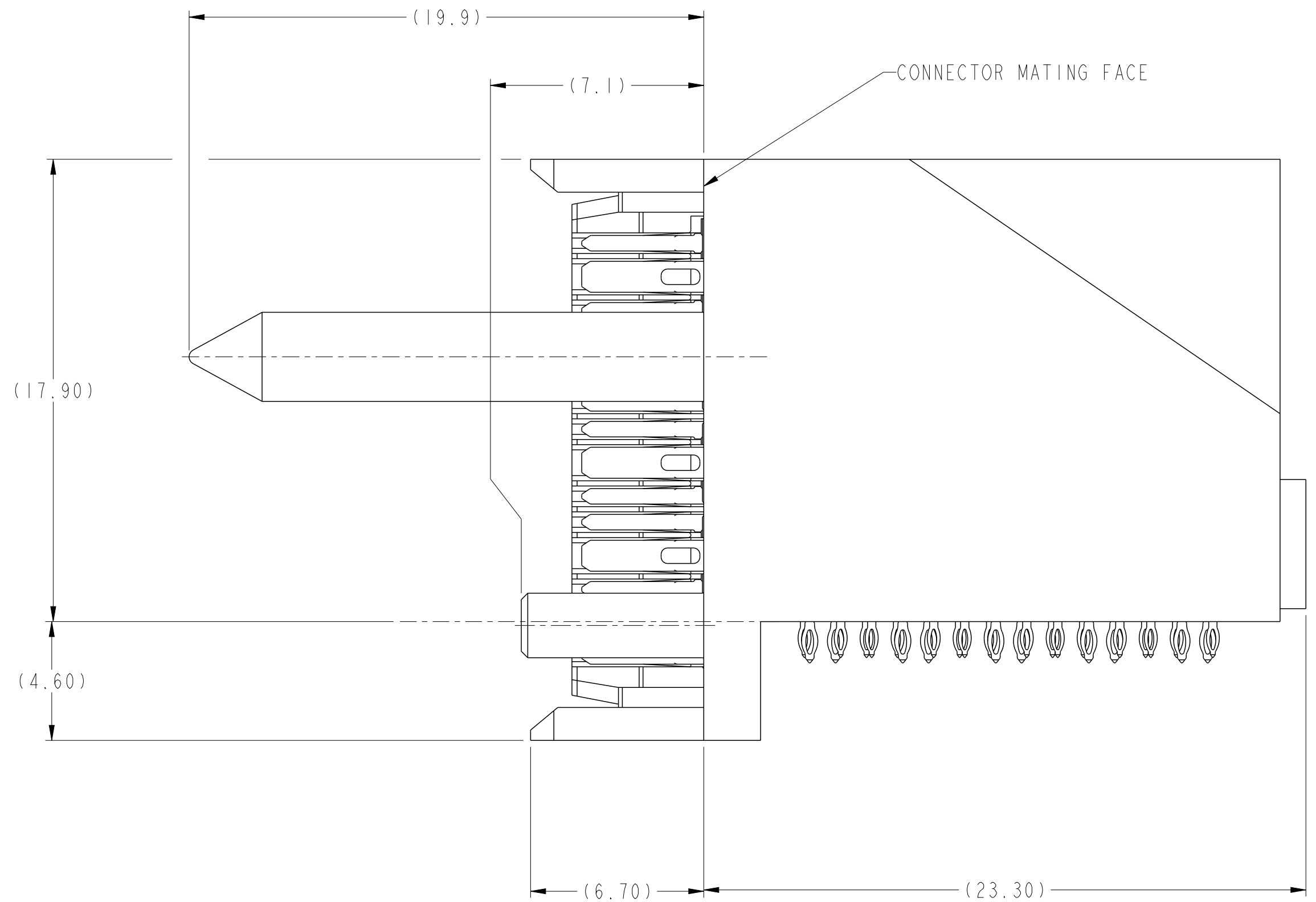
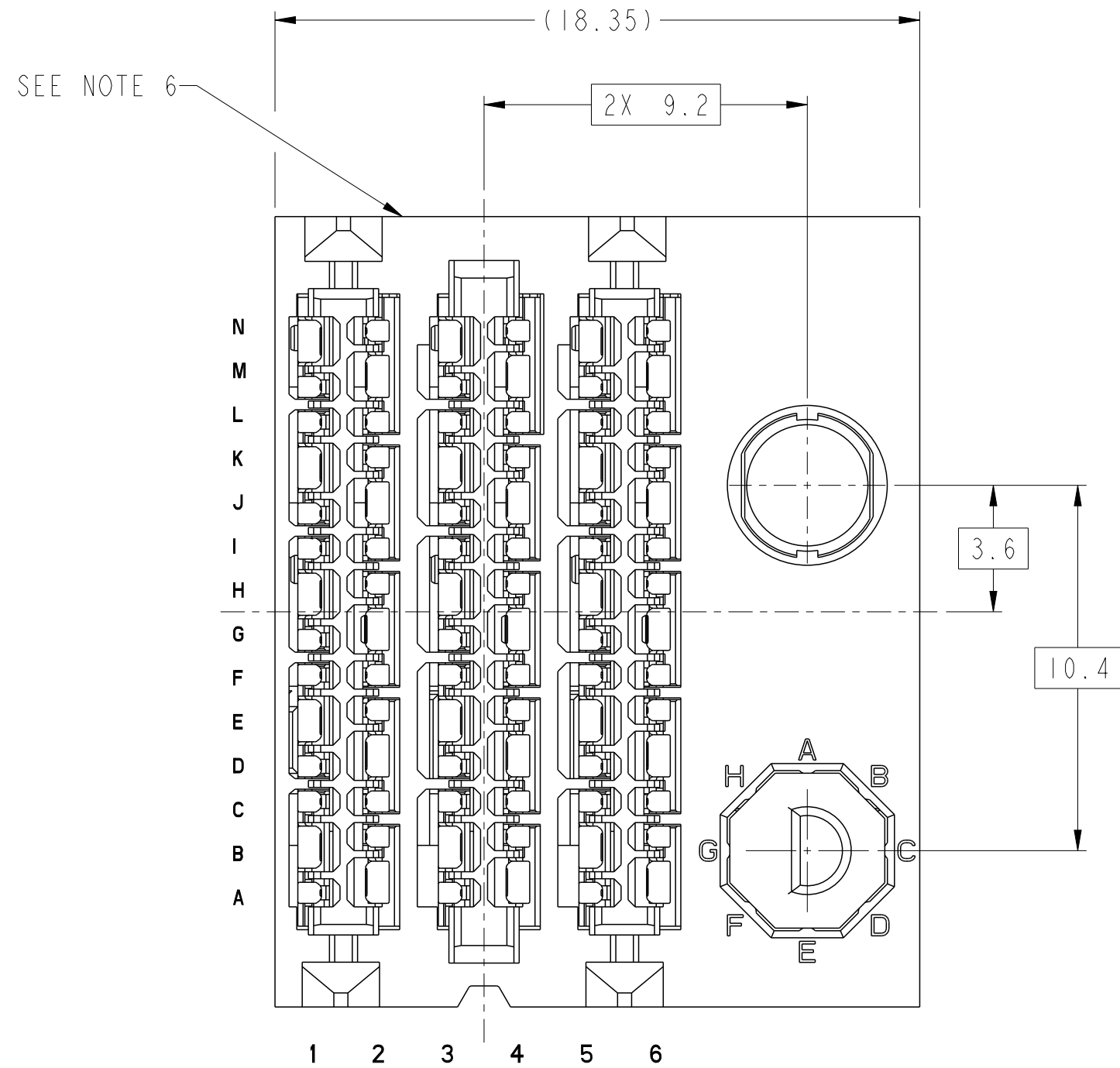
© 2016 AFCi

spec ref ---				dr	N Eppley	2013/04/24	projection 	MM 	size	A2	scale	8:1		
tolerance std				eng	Peng-Bing Fu	2017/11/08			ecn no	ELX-DG-28221-1				
ASME Y14.5M				chr	Justin Chen	2017/11/129			rel level		Released			
				appr	Heaven Cen	2017/11/130	product family		ExaMAX					
surface - 	linear	0.X	±.3	Amphenol FCi	title	ExaMAX R.A. HEADER					dwg no	10125287	rev	B
		0.XX	±.10											
		0.XXX	±.050											
	angular	0°	±°			cat. no.		SEE TABLE	Product - Customer Drw					



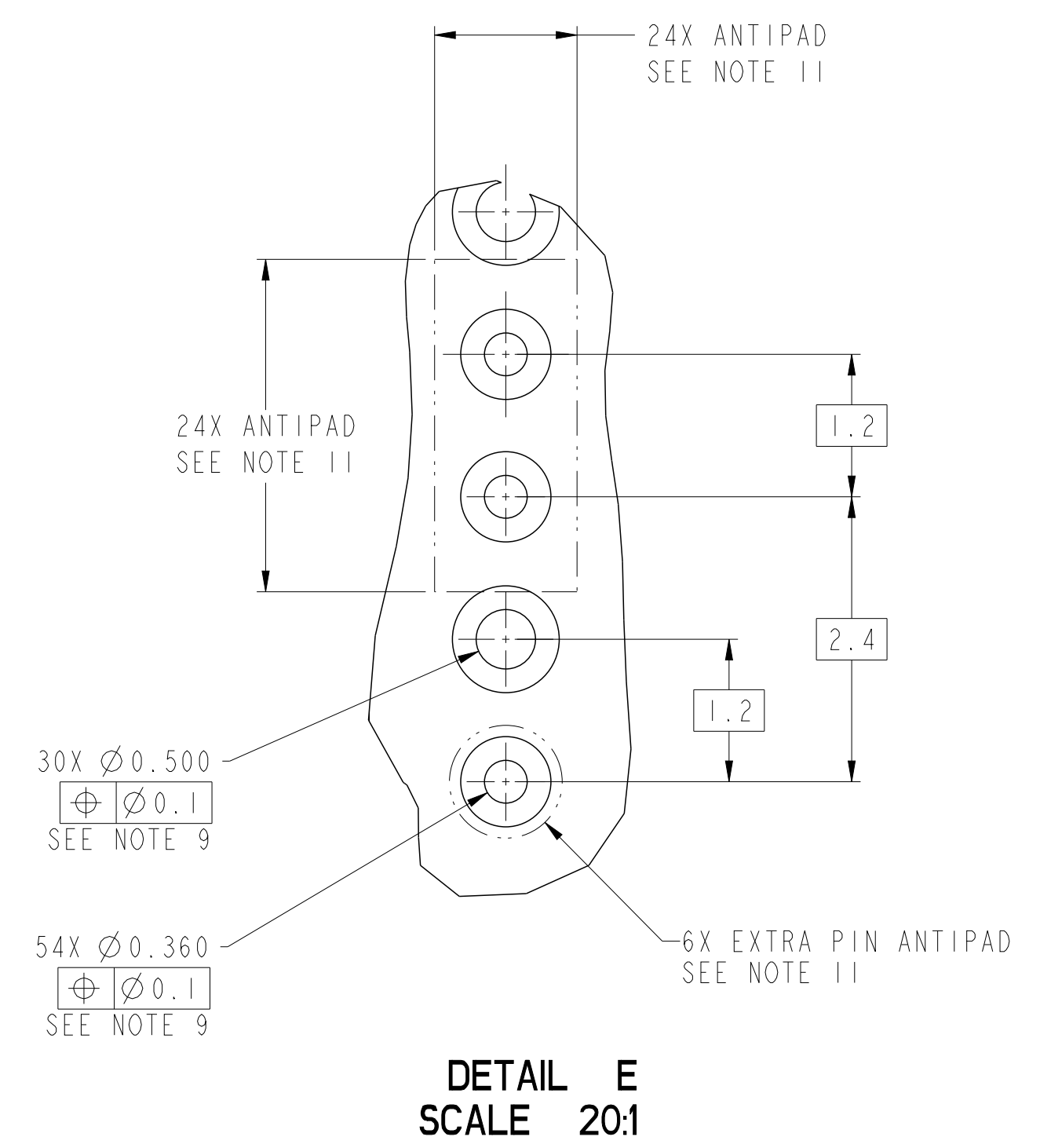
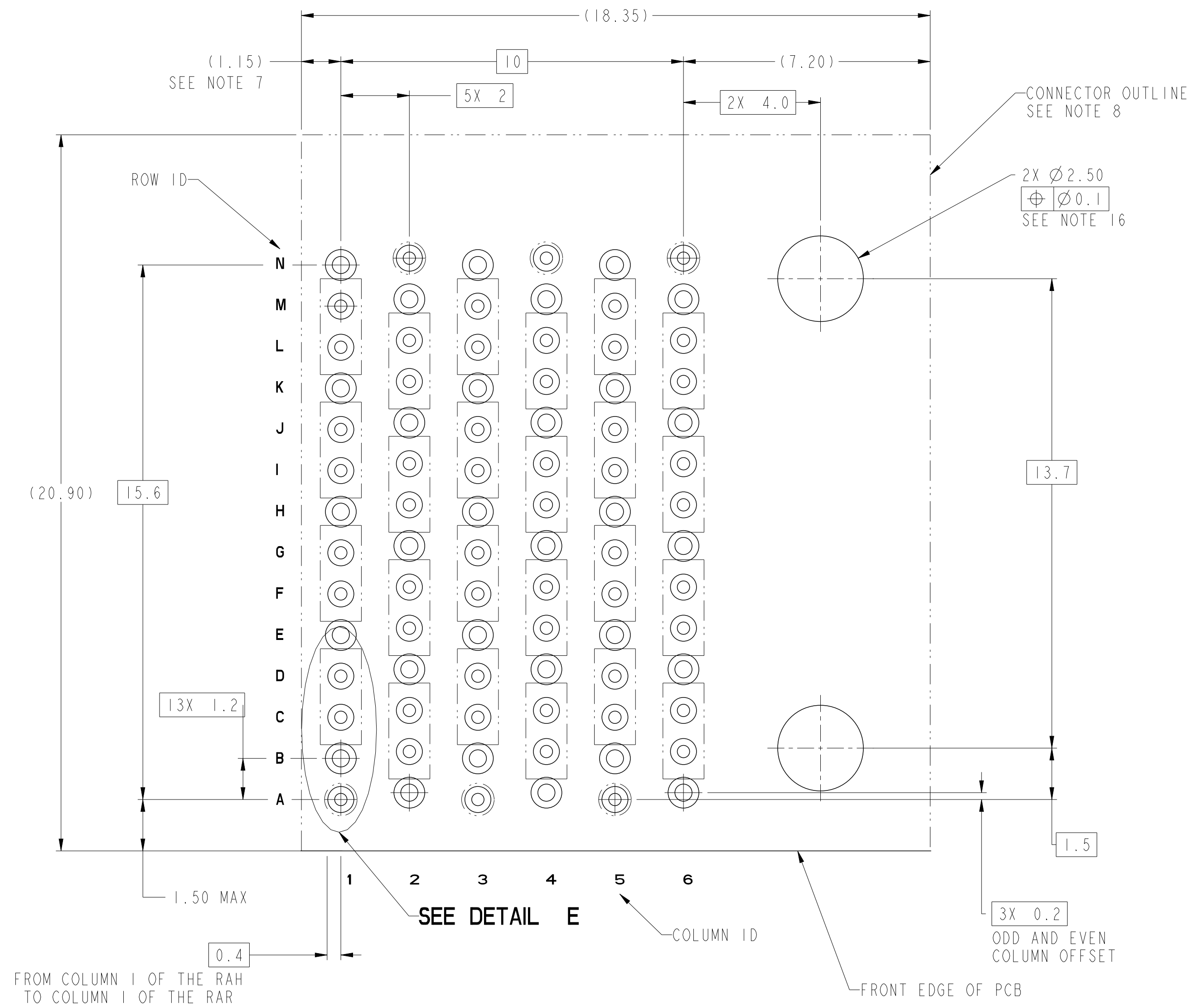
RECOMMENDED PCB LAYOUT FOR
10125287-Y1ALF THRU -Y1JLF
W/RIGHT GUIDANCE COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16

spec ref		---		dr		N Eppley		2013/04/24		projection		MM		size		A2		scale		8:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Peng-Bing Fu		2017/11/08				←		ecn no		ELX-DG-28221-1							
ASME Y14.5M						chr		Justin Chen		2017/11/29						rel level		Released							
						appr		Heaven Cen		2017/11/30		product family		ExaMAX											
surface - ✓		linear		0.X ±.3 0.XX ±.10 0.XXX ±.050		Amphenol FCi		title		ExaMAX R.A. HEADER ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM						dwg no		10125287				rev		B	
		angular		0° ±°				cat. no.		SEE TABLE		Product - Customer Drw						sheet 7 of 11							



10125287-Y2ALF THRU -Y2JLF
LEFT GUIDANCE CONNECTOR (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE SHEET 1

spec ref	---	dr	N'Eppley	2013/04/24	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/08	chr	Justin Chen	2017/11/29	ecn no	ELX-DG-28221-1	
		appr	Heaven Cen	2017/11/30	product family	ExaMAX	rel level	Released		
surface	-	linear	0.X	±.3	Amphenol FCi	title	ExaMAX R.A. HEADER	dwg no	10125287	rev
			0.XX	±.10			ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM			B
		angular	0°	±°		cat. no.	SEE TABLE	Product - Customer Drw	sheet 8 of 11	

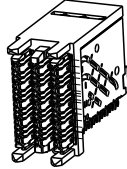
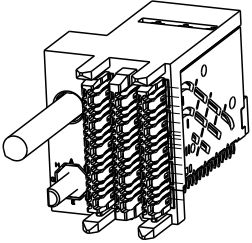
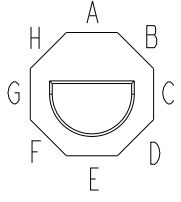
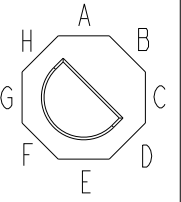
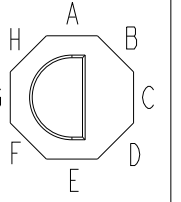
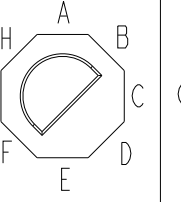
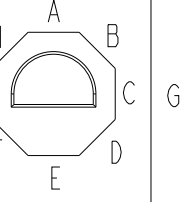
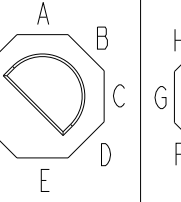
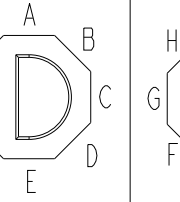
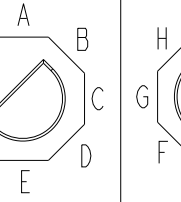
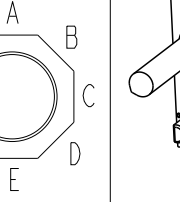
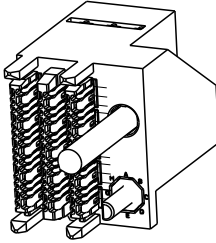
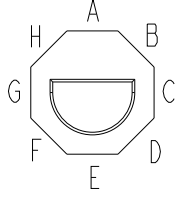
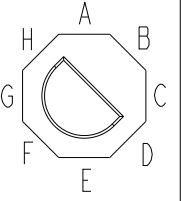
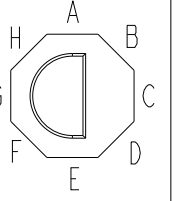
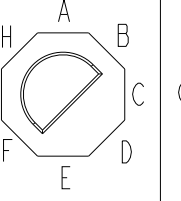
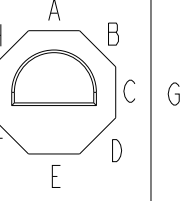
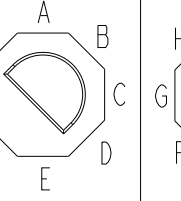
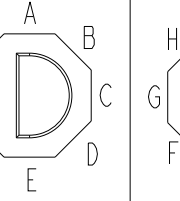
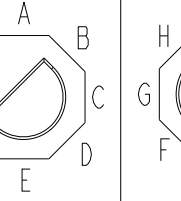
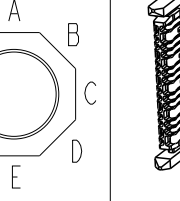


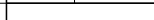
RECOMMENDED PCB LAYOUT FOR
10125287-Y2ALF THRU -Y2JLF
W/LEFT GUIDANCE COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16

spec ref	---	dr	N'Eppley	2013/04/24	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/08	chr	Justin Chen	2017/11/29	ecn no	ELX-DG-28221-1	
surface	-	appr	Heaven Cen	2017/11/30	product family	ExaMAX	rel level	Released		
linear	0.X ±.3 0.XX ±.10 0.XXX ±.050	Amphenol FCi	title	ExaMAX R.A. HEADER	cat. no.	SEE TABLE	Product - Customer Drw	sheet 9 of 11		
angular	0° ±°									

10125287 - Y Y Y L F

ASSEMBLY PART NUMBER	DESCRIPTION
10125287-1YYLF	STANDARD MATE
10125287-2YYLF	ADVANCED MATE
10125287-3YYLF	SHORT DETECT
10125287-4YYLF	ADVANCED MATE & SHORT DETECT

MODULE DESCRIPTION	DESIGNATION REPRESENTED IN DASH NUMBER									BASE MODULE
STANDARD NO GUIDANCE (SEE SHEET 1)	01									
RIGHT GUIDANCE MODULE (SEE SHEET 6)	1A	1B	1C	1D	1E	1F	1G	1H	1J (NO KEY)	
										
LEFT GUIDANCE MODULE (SEE SHEET 8)	2A	2B	2C	2D	2E	2F	2G	2H	2J (NO KEY)	
										

spec ref		---		dr		N Eppley		2013/04/24		projection				size		A2		scale		1:1	
tolerance std		ASME Y14.5M		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/08				ecn no		ELX-DG-28221-1					
				chr		Justin Chen		2017/11/29						rel level		Released					
				appr		Heaven Cen		2017/11/30		product family				ExaMAX							
surface		-		linear				title		ExaMAX R.A. HEADER		dwg no		10125287		rev		B			
				0.X				±.3		ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM											
				0.XX				±.10													
				0.XXX		±.050															
		angular		0°		±°		cat. no.		SEE TABLE		Product - Customer Drw				sheet 10 of 11					

1		2		3		4		5		6		7		8																																																																																													
NOTES:																																																																																																											
① - CONNECTOR MATERIALS: HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0 IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0 CONTACT: COPPER ALLOY ORGANIZER: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0																																																																																																											
2 - CONTACT PLATING: SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-1096 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE PRESS-FIT TAILS: TIN OVER NICKEL (LEAD FREE)																																																																																																											
3 - PRODUCT SPECIFICATION: GS-12-1096																																																																																																											
4 - APPLICATION SPECIFICATION: GS-20-0361																																																																																																											
5 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.																																																																																																											
⑥ - PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.																																																																																																											
⑦ - THE MINIMUM VIA SPACING BETWEEN STACKED CONNECTORS WILL BE 2.0 mm OR 3.0 mm AS DEFINED BY NOTE 7 ON THE MATING RECEPTACLE CUSTOMER DRAWING. REFER TO THE APPLICATION SPECIFICATION FOR DETAILS.																																																																																																											
⑧ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.																																																																																																											
⑨ - REFER TO CUSTOMER DRAWING 10119933 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS																																																																																																											
10 - THIS PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004																																																																																																											
⑪ - REFER TO ROUTING GUIDE GS-20-0511 FOR RECOMMENDATIONS ON OPTIMIZATION OF FOOTPRINT AND TRACE ROUTING LAYOUT.																																																																																																											
12 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.																																																																																																											
⑬ - THE ADVANCED MATE HEADER, 10125287-2YYLF, WHEN MATED WITH AN ADVANCED MATE RECEPTACLE WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.																																																																																																											
⑭ - THE SHORT DETECT HEADER, 10125287-3YYLF, WHEN MATED WITH A STANDARD MATE RECEPTACLE WILL PROVIDE 1 PAIR OF MATING CONTACTS THAT MATE 1.00 MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.																																																																																																											
⑮ - THE ADVANCED MATE/SHORT DETECT HEADER, 10125287-4YYLF, WHEN MATED WITH AN ADVANCED MATE RECEPTACLE WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75 MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS AND 1 PAIR OF MATING CONTACTS THAT MATE 1.00 MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.																																																																																																											
⑯ - FOR CONNECTORS WITH EITHER A RIGHT OR LEFT GUIDE MODULE, TWO PHILLIPS PAN HEAD M2 HOLD-DOWN SCREWS MUST BE USED TO SECURE THE CONNECTOR TO THE PCB. THE SCREW LENGTH SHALL BE 2.0-6.0MM PLUS THE THICKNESS OF THE PCB. SCREWS ARE NOT PROVIDED WITH CONNECTOR.																																																																																																											
⑰ - LEFT / RIGHT INTEGRATED GUIDE ORIENTATION IS DETERMINED BY THE LOCATION OF THE GUIDE FEATURES WHEN LOOKING AT THE MATING FACE OF THE RIGHT ANGEL RECEPTACLE. THE LEFT / RIGHT DESIGNATION OF THE MATING HEADER IS DEFINED BY THE RIGHT ANGEL RECEPTACLE THAT IT MATES WITH (i. e. A RIGHT GUIDE RIGHT ANGEL HEADER MATES WITH A RIGHT ANGEL RECEPTACLE.)																																																																																																											
⑱ - ALL GROUND CONTACTS ARE COMMONED WITHIN A COLUMN.																																																																																																											
<table><tr><td colspan="2">spec ref</td><td colspan="2">---</td><td colspan="2">dr</td><td colspan="2">N'Eppley</td><td colspan="2">2013/04/24</td><td colspan="2">projection</td><td colspan="2">MM</td><td colspan="2">size</td><td colspan="2">A2</td><td colspan="2">scale</td><td colspan="2">1:1</td></tr><tr><td colspan="2">tolerance std</td><td colspan="2">ASME Y14.5M</td><td colspan="2">eng</td><td colspan="2">Peng-Bing Fu</td><td colspan="2">2017/11/08</td><td colspan="2">chr</td><td colspan="2">Justin Chen</td><td colspan="2">2017/11/29</td><td colspan="2">ecn no</td><td colspan="2">ELX-DG-28221-1</td><td colspan="2">rel level</td><td colspan="2">Released</td></tr><tr><td colspan="2">surface</td><td colspan="2">- ✓</td><td colspan="2">linear</td><td colspan="2">0.X</td><td colspan="2">±.3</td><td colspan="2">0.XX</td><td colspan="2">±.10</td><td colspan="2">0.XXX</td><td colspan="2">±.050</td><td colspan="2">angular</td><td colspan="2">0°</td><td colspan="2">±°</td></tr><tr><td colspan="2">title</td><td colspan="2">ExaMAX R.A. HEADER</td><td colspan="2">cat. no.</td><td colspan="2">SEE TABLE</td><td colspan="2">Product - Customer Drw</td><td colspan="2">sheet 11 of 11</td><td colspan="2">rev</td><td colspan="2">B</td><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr></table>																spec ref		---		dr		N'Eppley		2013/04/24		projection		MM		size		A2		scale		1:1		tolerance std		ASME Y14.5M		eng		Peng-Bing Fu		2017/11/08		chr		Justin Chen		2017/11/29		ecn no		ELX-DG-28221-1		rel level		Released		surface		- ✓		linear		0.X		±.3		0.XX		±.10		0.XXX		±.050		angular		0°		±°		title		ExaMAX R.A. HEADER		cat. no.		SEE TABLE		Product - Customer Drw		sheet 11 of 11		rev		B							
spec ref		---		dr		N'Eppley		2013/04/24		projection		MM		size		A2		scale		1:1																																																																																							
tolerance std		ASME Y14.5M		eng		Peng-Bing Fu		2017/11/08		chr		Justin Chen		2017/11/29		ecn no		ELX-DG-28221-1		rel level		Released																																																																																					
surface		- ✓		linear		0.X		±.3		0.XX		±.10		0.XXX		±.050		angular		0°		±°																																																																																					
title		ExaMAX R.A. HEADER		cat. no.		SEE TABLE		Product - Customer Drw		sheet 11 of 11		rev		B																																																																																													
<table><tr><td colspan="2">PDS: Rev :B</td><td colspan="2">STATUS:Released</td><td colspan="2">Printed: Dec 02, 2017</td></tr></table>																PDS: Rev :B		STATUS:Released		Printed: Dec 02, 2017																																																																																							
PDS: Rev :B		STATUS:Released		Printed: Dec 02, 2017																																																																																																							

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А