

PRODUCT NUMBER
SEE SHEET 10

Amphenol
FCi

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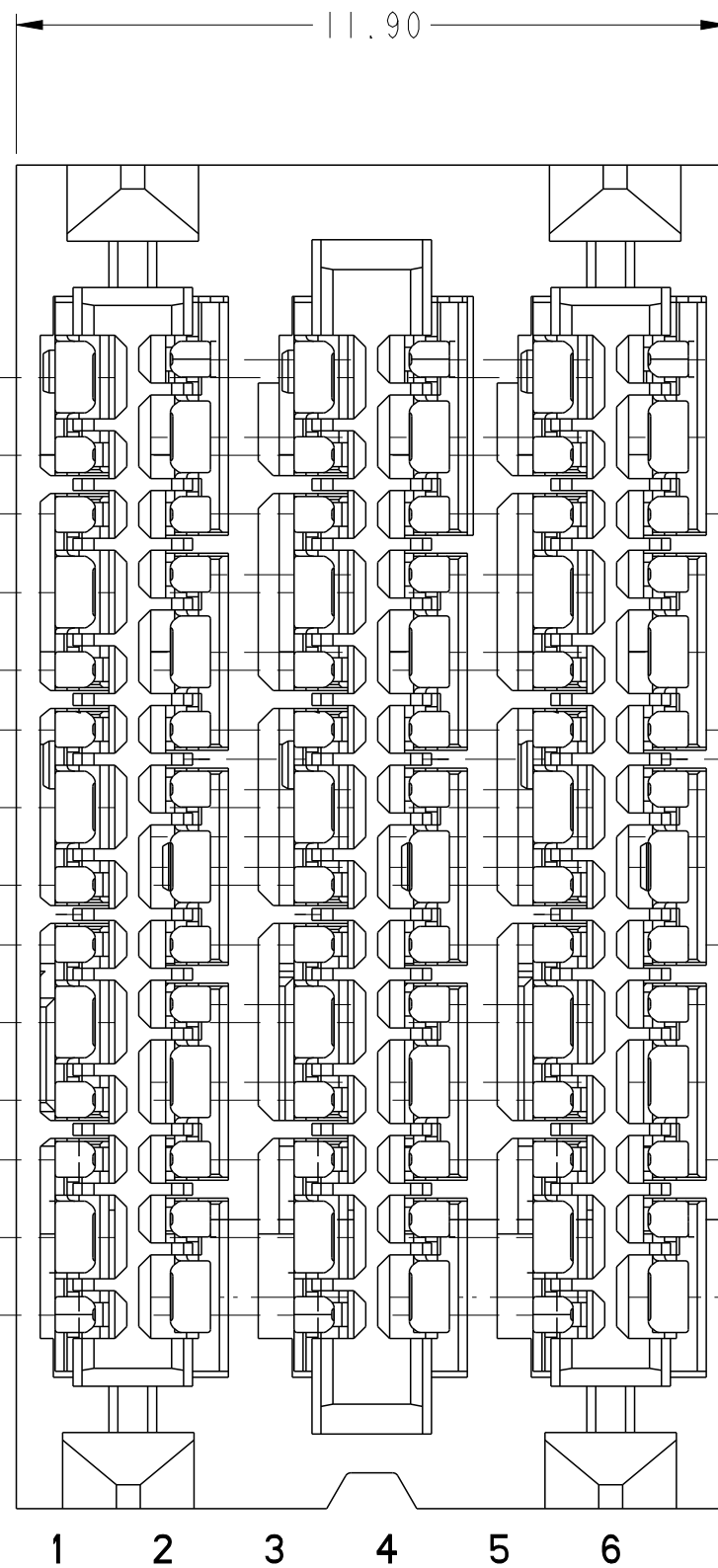
ODD COLUMN
CONTACT ROW ID
ODD AND EVEN
COLUMNS ARE
OFFSET

4X 3.6
GROUND
CENTERS

4X 1.0
SIGNAL PAIR
CENTERS

4X 3.6
SIGNAL
CENTERS
ROW A TO
FIRST GROUND

1.3



COLUMN ID

EVEN COLUMN
CONTACT ROW ID

4X 3.6
SIGNAL CENTERS

4X 3.6
GROUND CENTERS

4X 1.0
SIGNAL PAIR
CENTERS

1.3
ROW A TO
FIRST GROUND

CONNECTOR MATING FACE

(17.90)

(4.60)

TOP SURFACE
OF DCARD

Ø OF ODD COLUMNS

Ø OF EVEN COLUMNS

3.9

4.1

13X 1.20

(6.70)

(23.30)

HOUSING

SEE NOTE 6

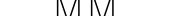
IMLA

ORGANIZER

30X 1.60±0.20
GROUNDS
SEE NOTE 18

54X 1.40±0.20
SIGNALS

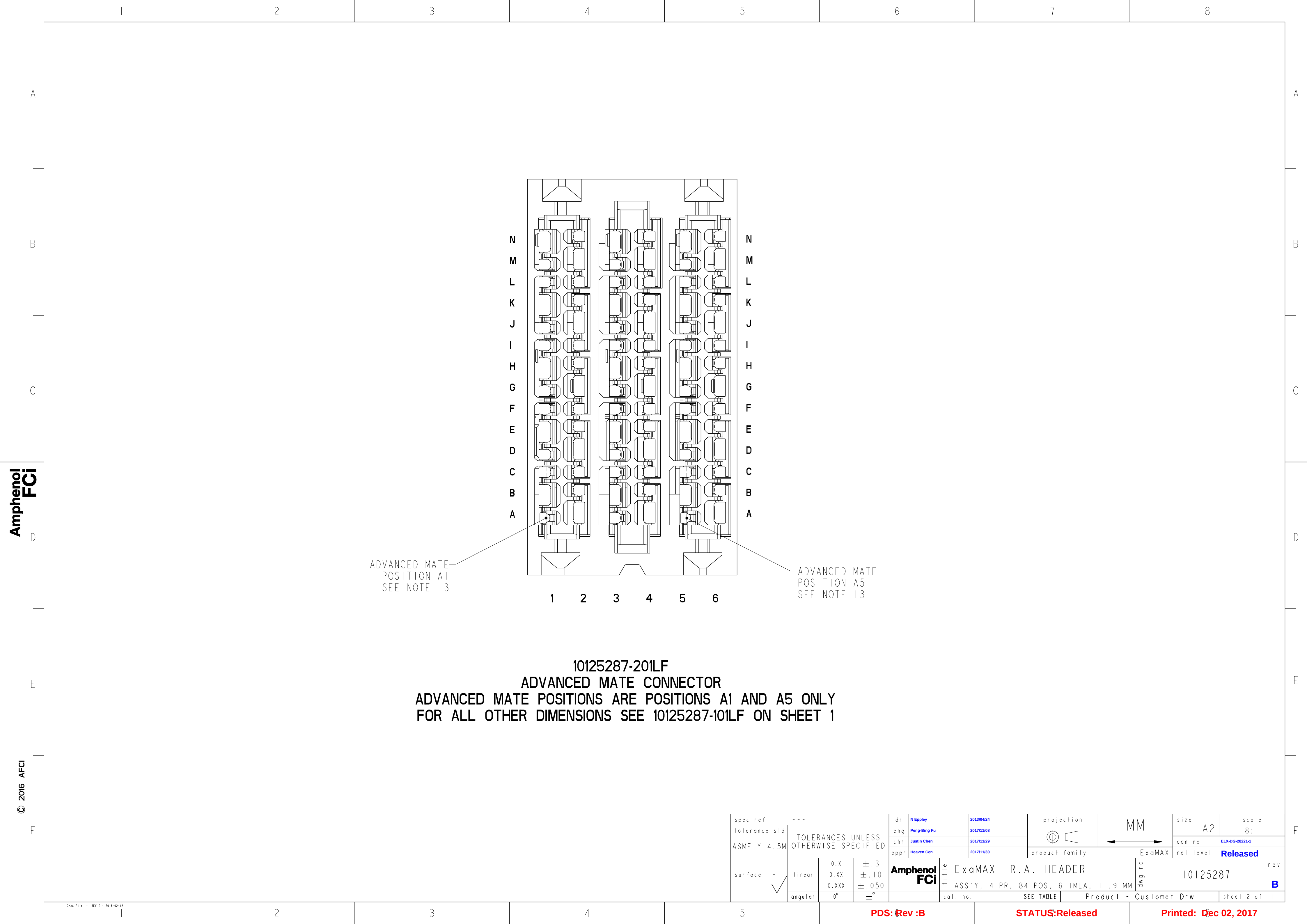
10125287-101LF
STANDARD MATE CONNECTOR

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-28221-1		rel level		Released					
ASME Y14.5M				chr		Justin Chen		2017/11/29																	
				appr		Heaven Cen		2017/11/30														product family		ExaMAX	
surface		- 				title		ExaMAX R.A. HEADER		ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM		dwg no		10125287		rev		B							
																				linear		0.X		±.3	
																				0.XX		±.10			
		0.XXX		±.050																					
		angular		0°		±°																			

PDS: Rev :B

STATUS:Released

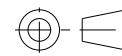
Printed: Dec 02, 2017

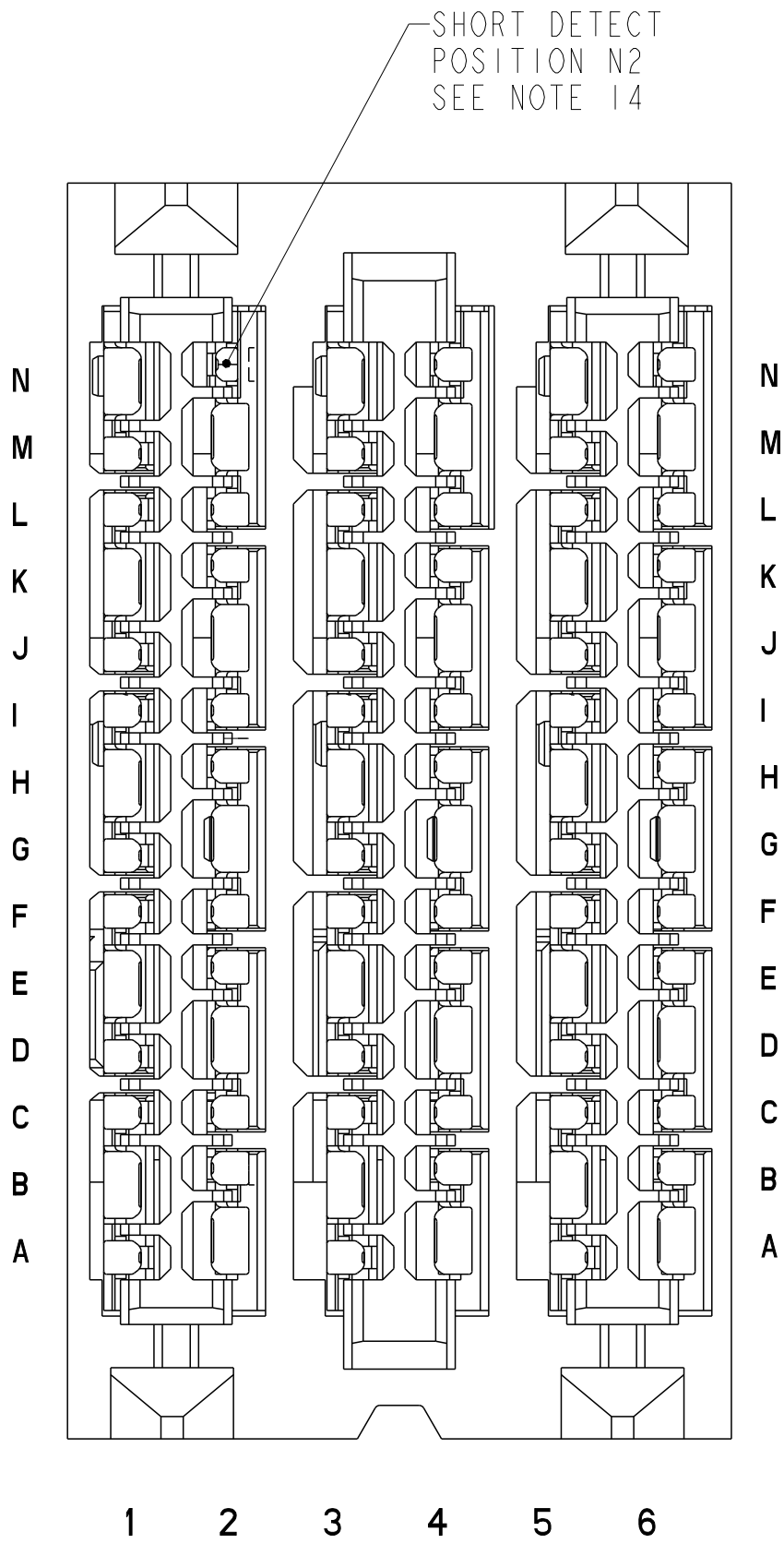


ADVANCED MATE
POSITION A1
SEE NOTE 13

ADVANCED MATE
POSITION A5
SEE NOTE 13

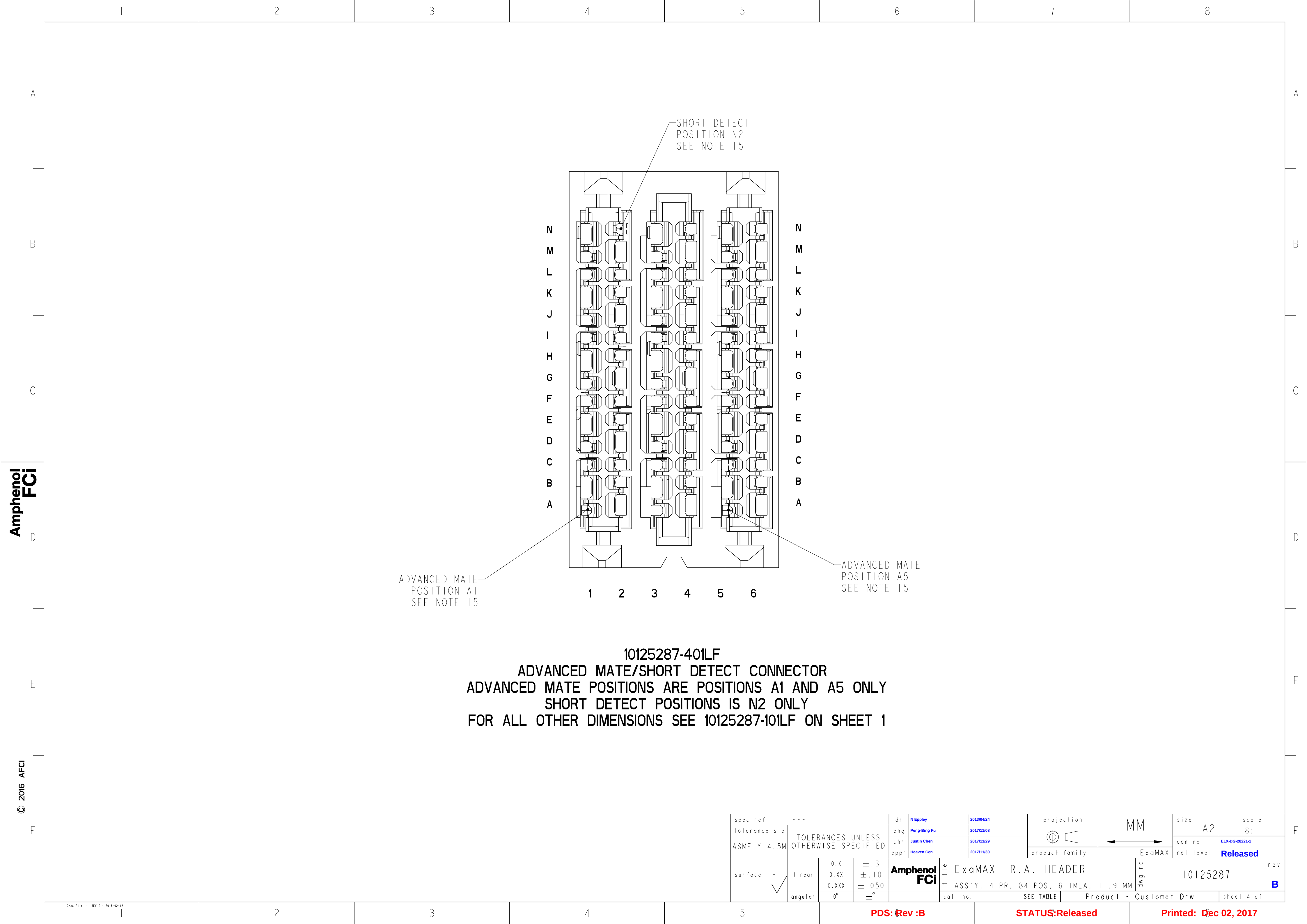
10125287-201LF
ADVANCED MATE CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY
FOR ALL OTHER DIMENSIONS SEE 10125287-101LF ON SHEET 1

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				TOLERANCES UNLESS OTHERWISE SPECIFIED		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		title		ExaMAX R.A. HEADER		dwg no		10125287		rev		B			
																										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 2 of 11									



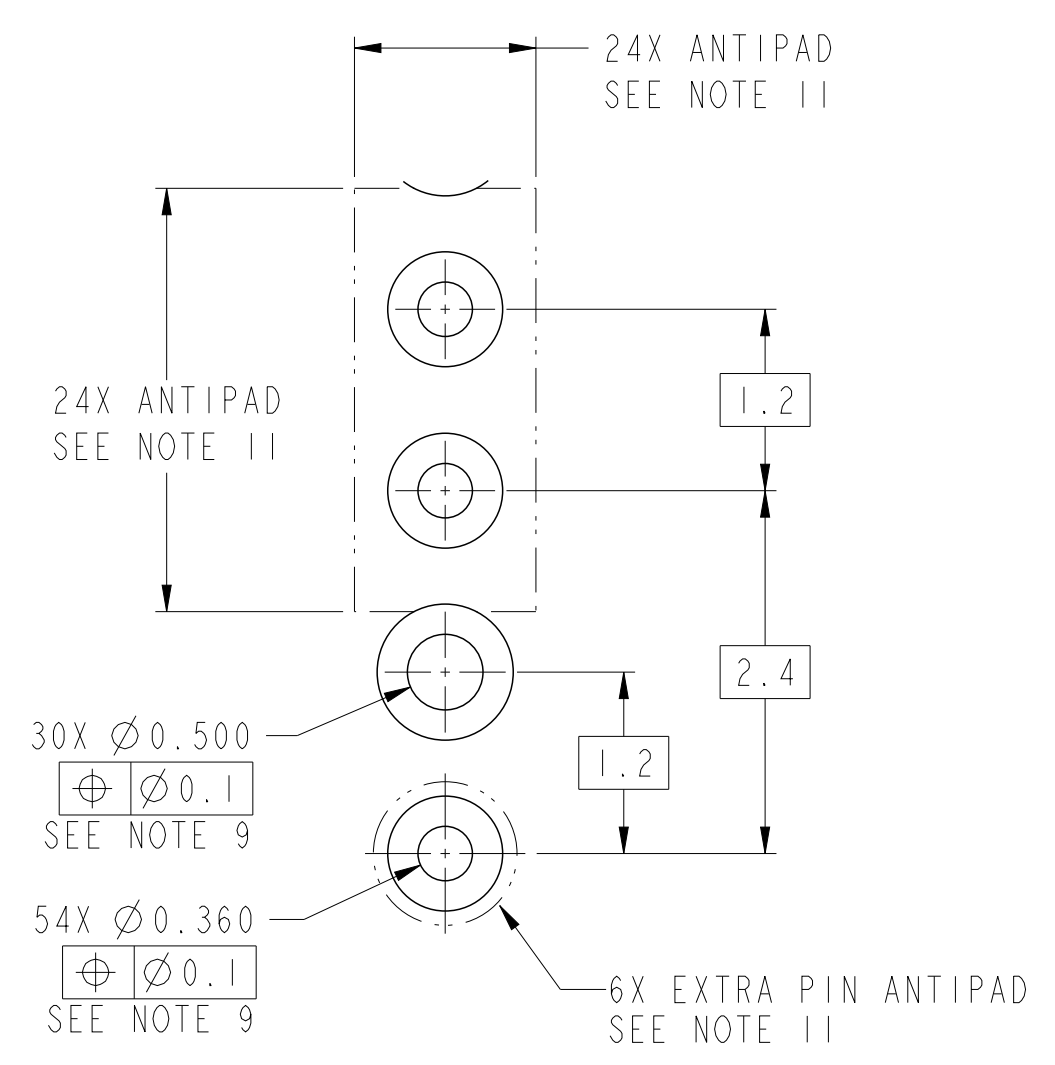
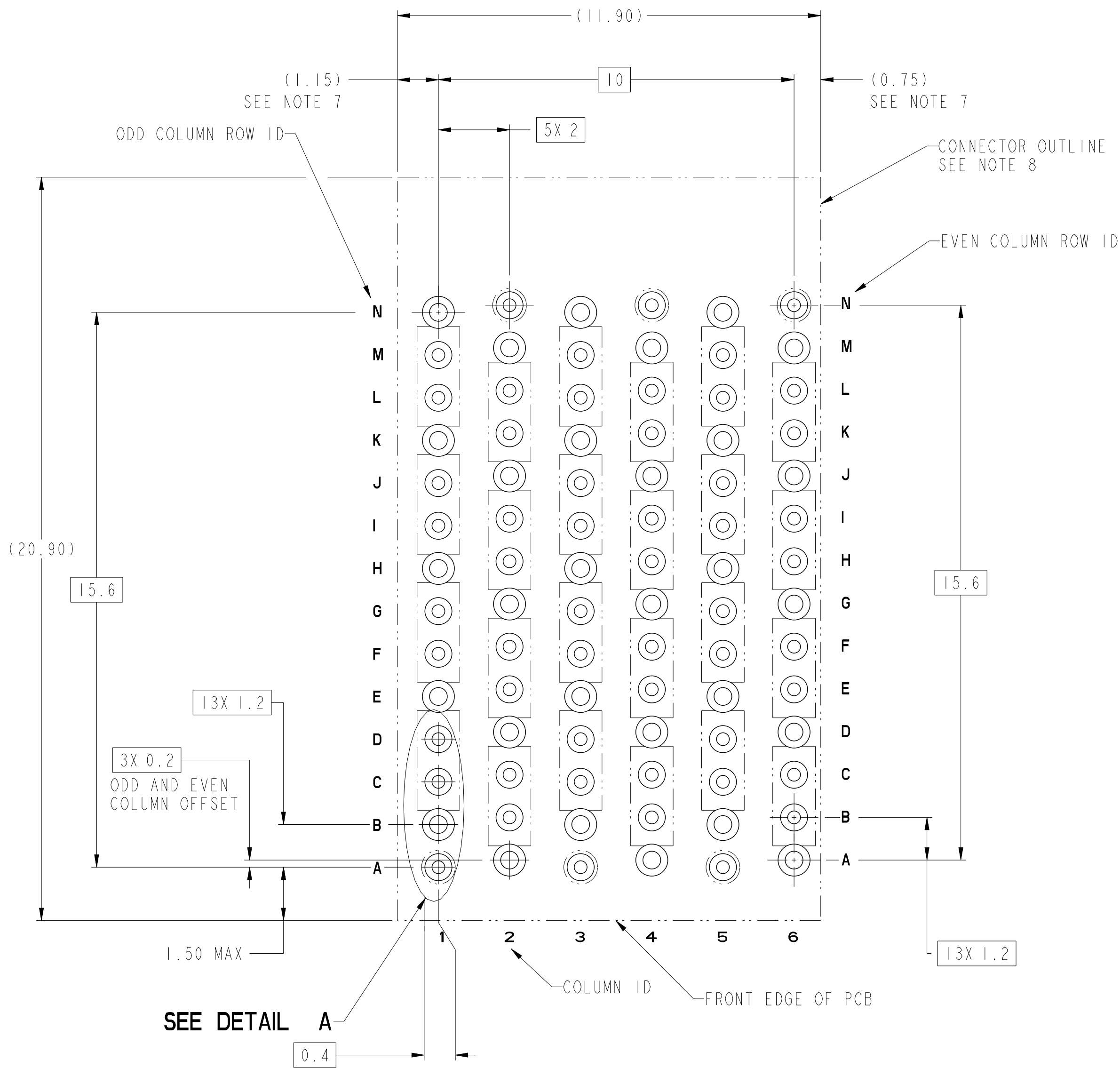
10125287-301LF
SHORT DETECT CONNECTOR
SHORT DETECT POSITIONS IS N2 ONLY
FOR ALL OTHER DIMENSIONS SEE 10125287-101LF ON SHEET 1

spec ref ---				dr N Eppley2013/04/24		projection		MM		size A2		scale 8:1											
tolerance std				eng Peng-Bing Fu2017/11/08						ecn no		ELX-DG-28221-1											
ASME Y14.5M				chr Justin Chen2017/11/29						rel level		Released											
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Heaven Cen2017/11/30						product family		ExaMAX											
				surface -		linear		0.X ±.3		0.XX ±.10		0.XXX ±.050											
		angular0° ±°		AmphenolFCi		title		ExaMAX R.A. HEADER		dwg no		10125287		revB									
																cat. no.		SEE TABLE		Product - Customer Drw		sheet 3 of 11	
																ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM							



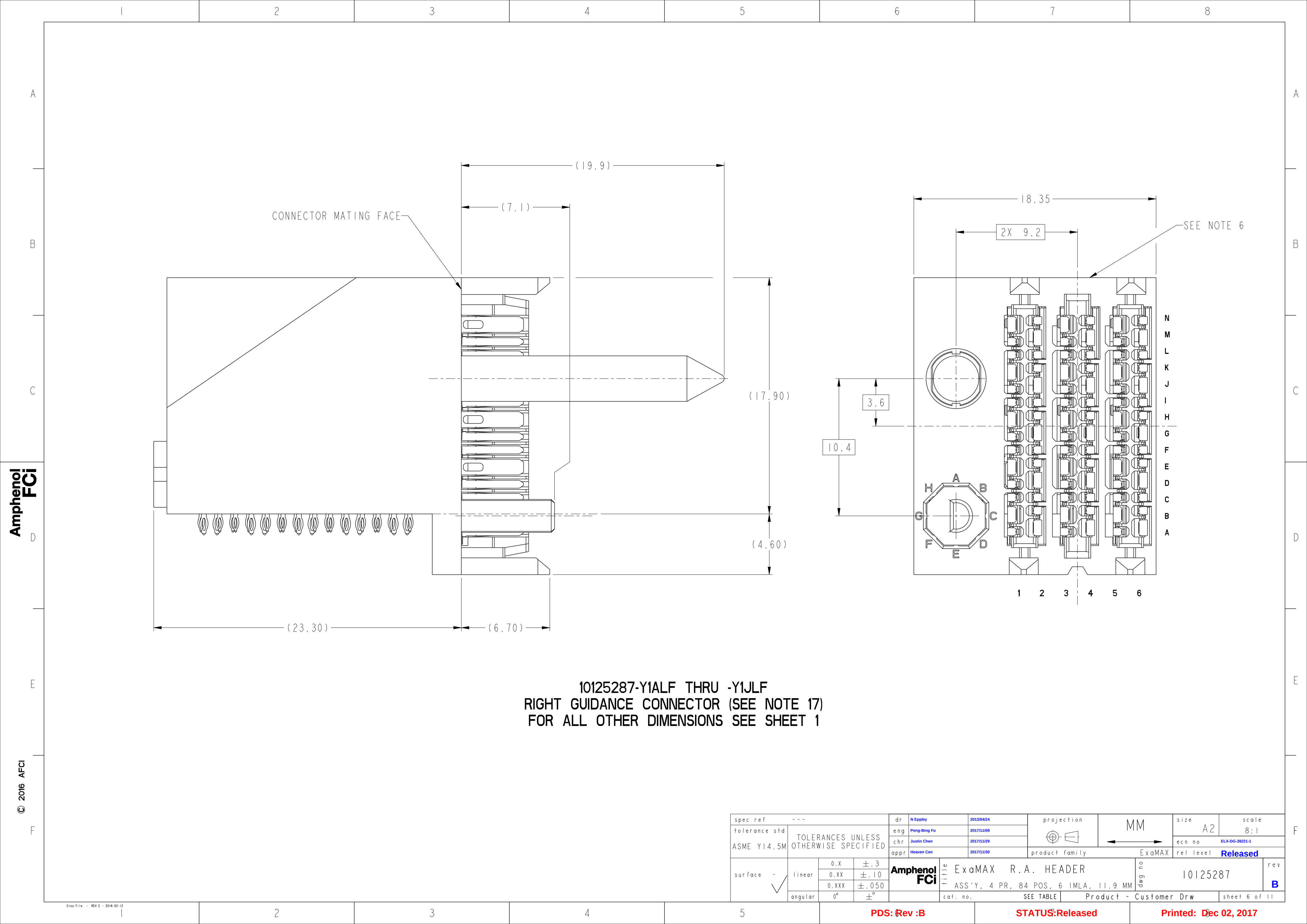
10125287-401LF
ADVANCED MATE/SHORT DETECT CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY
SHORT DETECT POSITIONS IS N2 ONLY
FOR ALL OTHER DIMENSIONS SEE 10125287-101LF ON SHEET 1

spec ref ---				dr N Eppley2013/04/24		projection		MM		size A2		scale 8:1			
tolerance std				eng Peng-Bing Fu2017/11/08						ecn no ELX-DG-28221-1					
ASME Y14.5M				chr Justin Chen2017/11/29						rel level Released					
TOLERANCES UNLESS OTHERWISE SPECIFIED				appr Heaven Cen2017/11/30						product family ExaMAX					
				surface -				linear		0.X ±.3		Amphenol FCI		title ExaMAX R.A. HEADER	
✓				0.XX ±.10											
				0.XXX ±.050		angular 0° ±°		cat. no.		SEE TABLE					



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

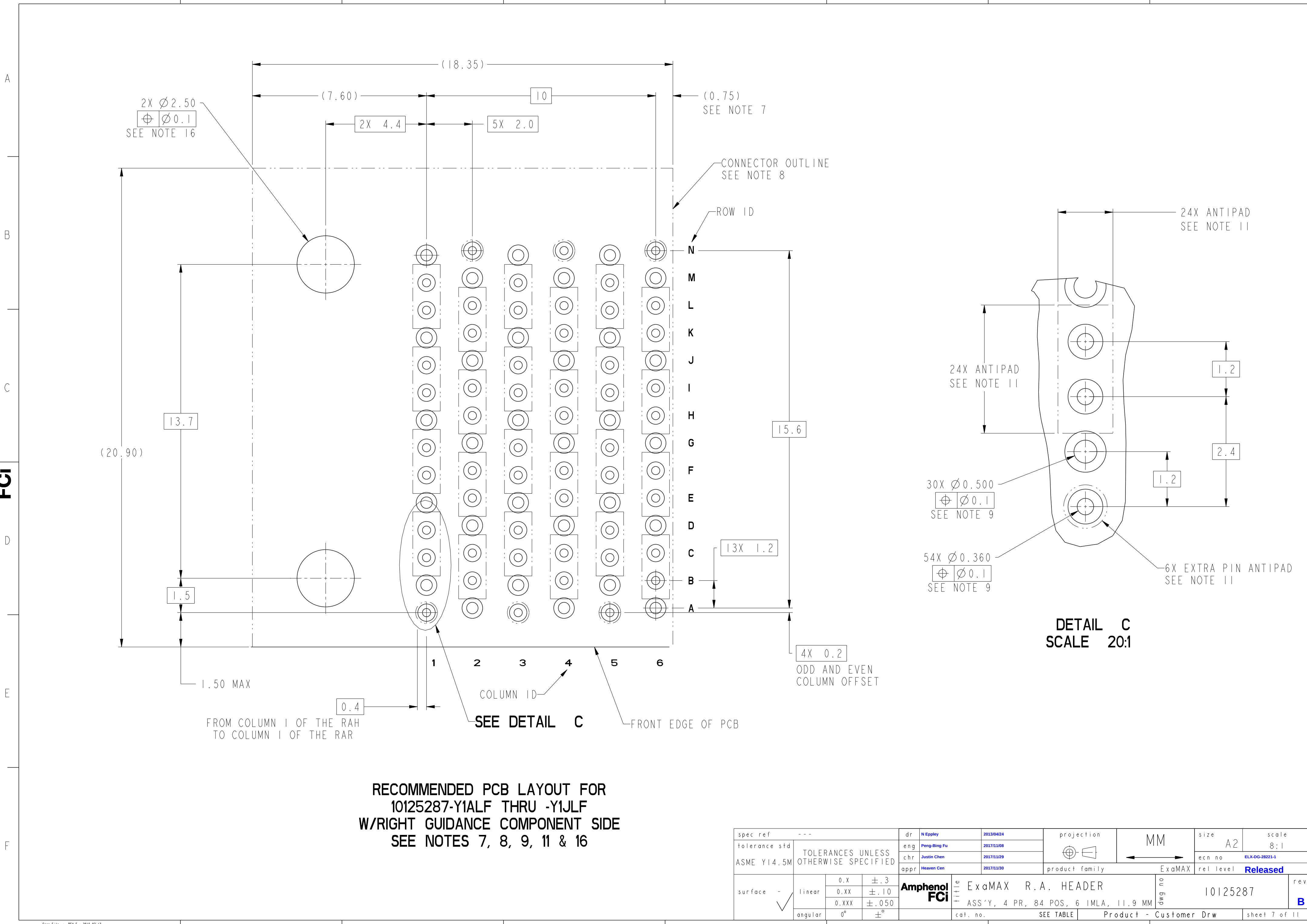
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tolerance std		ASME Y14.5M		eng		Peng-Bing Fu		2017/11/08						ecn no		ELX-DG-28221-1																	
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr		Justin Chen		2017/11/29						rel level		Released																	
				appr		Heaven Cen		2017/11/30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



Amphenol
FCi

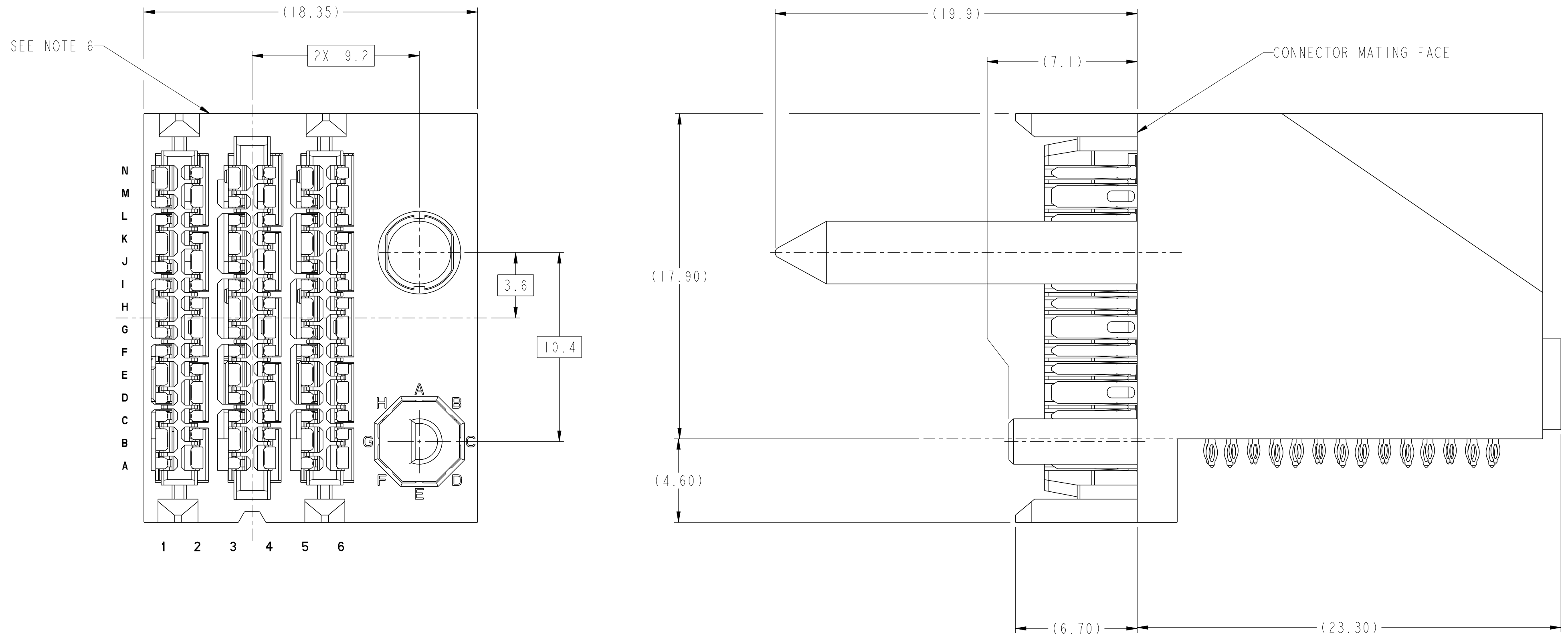
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spec ref ---				dr	N Eppley	2013/04/24	projection		MM		size	A2	scale	8:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2017/11/08			←	ecn no	ELX-DG-28221-1			
ASME Y14.5M					chr	Justin Chen	2017/11/29				rel level	Released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

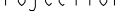
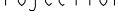


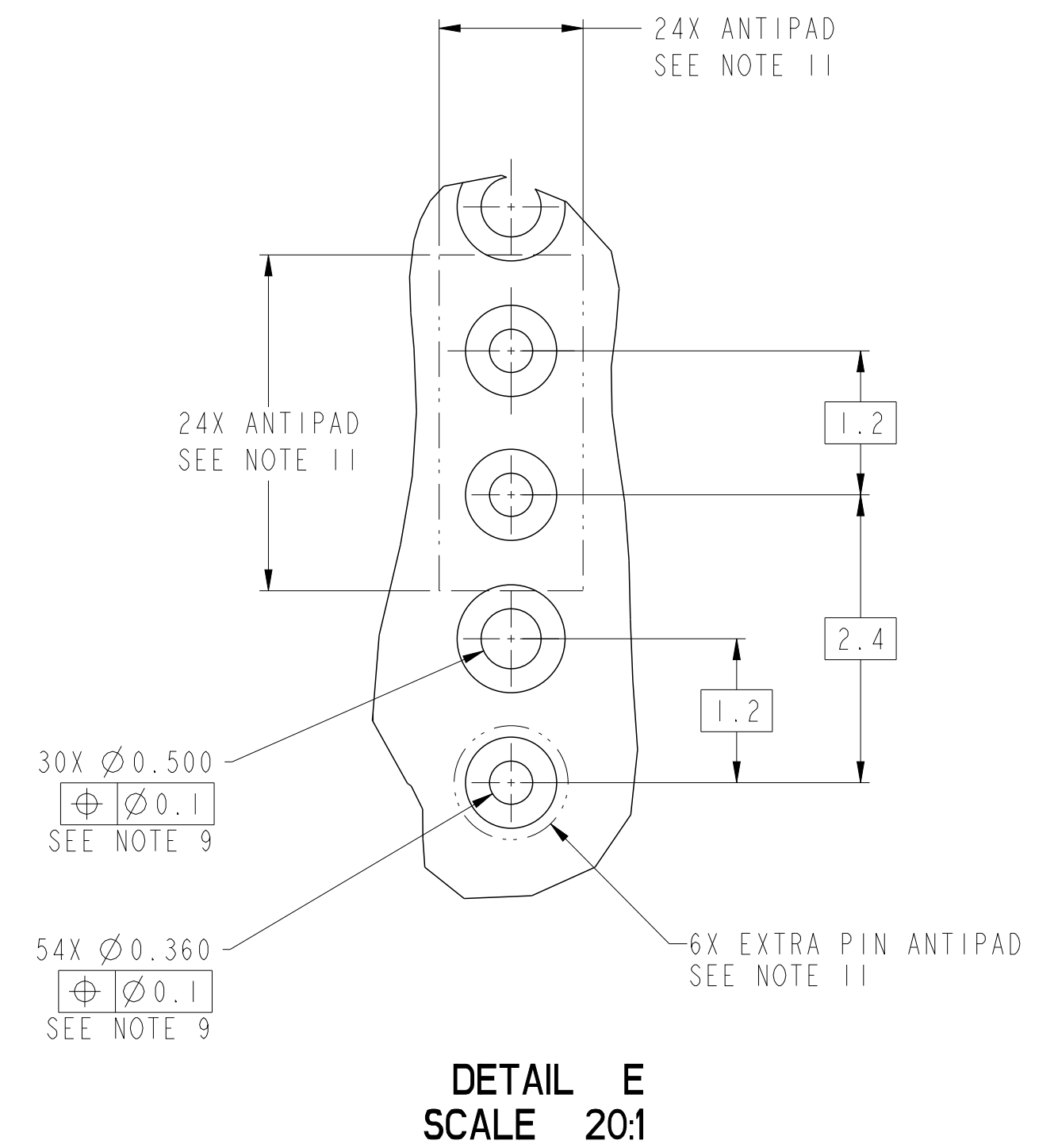
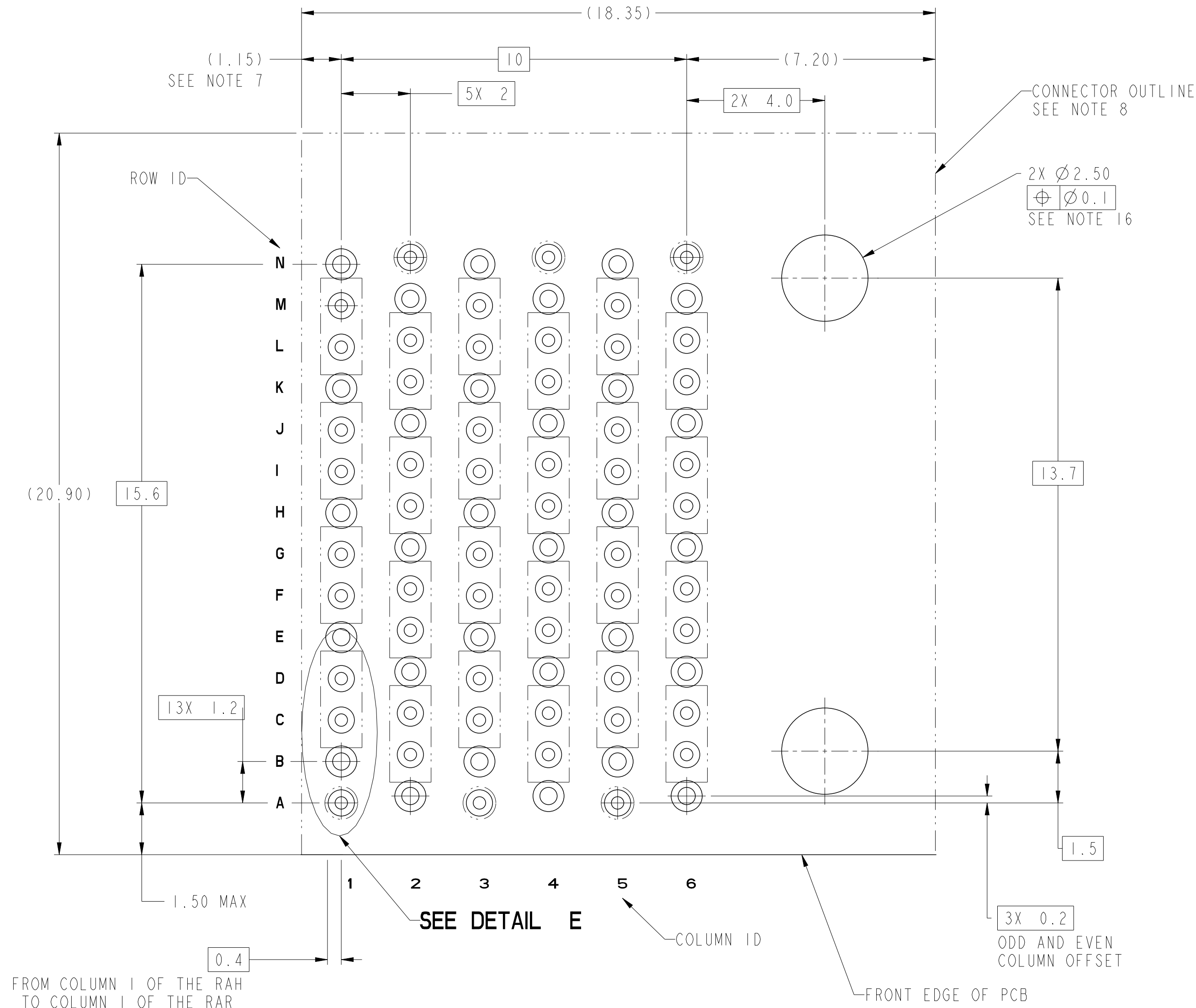
RECOMMENDED PCB LAYOUT FOR
10125287-Y1ALF THRU -Y1JLF
W/RIGHT GUIDANCE COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16

spec ref		---		dr		N Eppley		2013/04/24		projection		MM		size		scale									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/08						A2		8:1									
ASME Y14.5M				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	
																						0.XXX		±.050	
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		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/08						ecn no		ELX-DG-28221-1		rel level		Released													
ASME Y14.5M				chr		Justin Chen		2017/11/29						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													
																										cat. no.		SEE TABLE		Product - Customer Drw		sheet 8 of 11	
																										angular		0° ±					

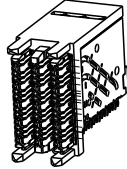
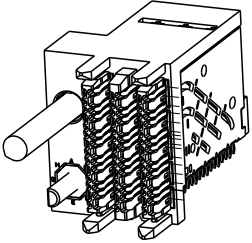
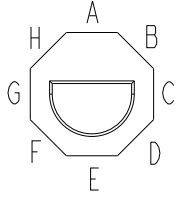
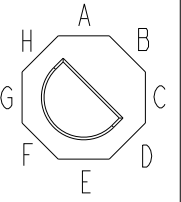
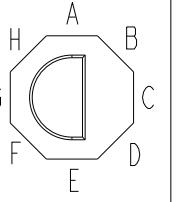
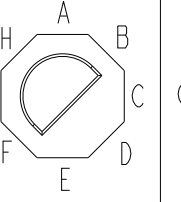
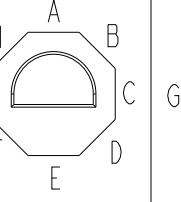
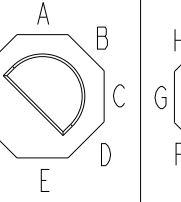
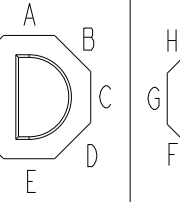
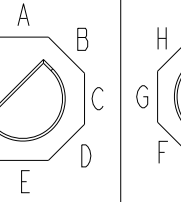
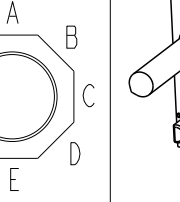
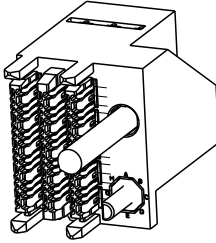
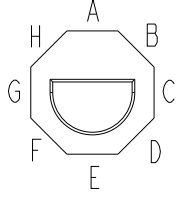
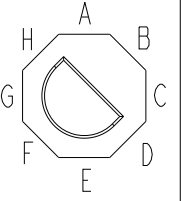
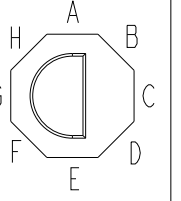
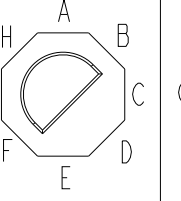
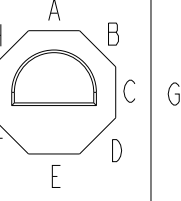
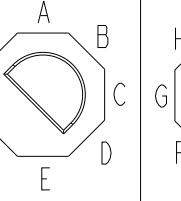
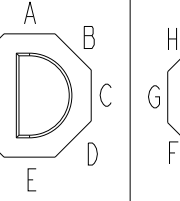
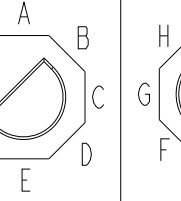
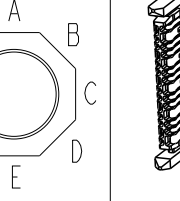


RECOMMENDED PCB LAYOUT FOR
10125287-Y2ALF THRU -Y2JLF
W/LEFT GUIDANCE COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16

spec ref				---		dr		N Eppley		2013/04/24		projection		MM		size		A2		scale		8:1	
tolerance std		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		- 				title		ExaMAX R.A. HEADER ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM						dwg no		10125287		rev		B			
linear		0.X																				±.3	
		0.XX																				±.10	
		0.XXX		±.050				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		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				title		ExaMAX R.A. HEADER		dwg no		10125287		rev		B					
																								ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM			
				angular		0° ±°						cat. no.		SEE TABLE		Product - Customer Drw		sheet 10 of 11									

1		2		3		4		5		6		7		8	
NOTES:															
A	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														
B	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.														
C	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.														
D	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.														
E	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.														
F															
© 2016 AFCI															
Amphenol FCI															
SPEC REF: ---															
TOLERANCE STD: ASME Y14.5M															
TOLERANCES UNLESS OTHERWISE SPECIFIED															
SURFACE: -															
LINEAR: 0.X ±.3, 0.XX ±.10, 0.XXX ±.050															
ANGULAR: 0° ±°															
DR: N Eppley, 2013/04/24															
ENG: Peng-Bing Fu, 2017/11/08															
CHR: Justin Chen, 2017/11/29															
APPR: Heaven Cen, 2017/11/30															
PROJECTION: MM															
SIZE: A2															
SCALE: 1:1															
ECN NO: ELX-DG-28221-1															
REL LEVEL: Released															
PRODUCT FAMILY: ExaMAX															
TITLE: ExaMAX R.A. HEADER															
ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM															
CAT. NO. SEE TABLE															
Product - Customer Drw															
SHEET 11 OF 11															
PDS: Rev :B															
STATUS:Released															
Printed: Dec 02, 2017															

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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