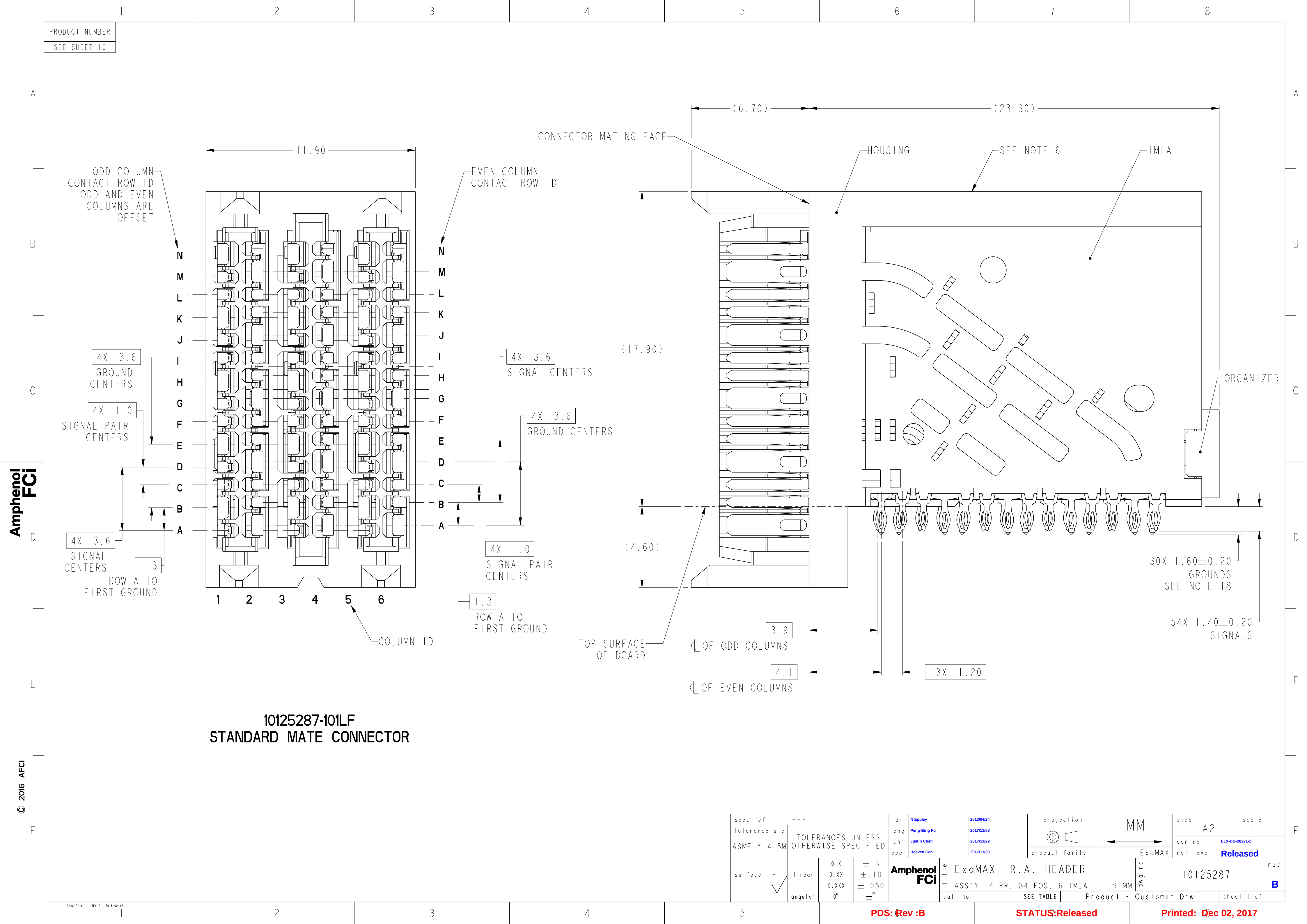




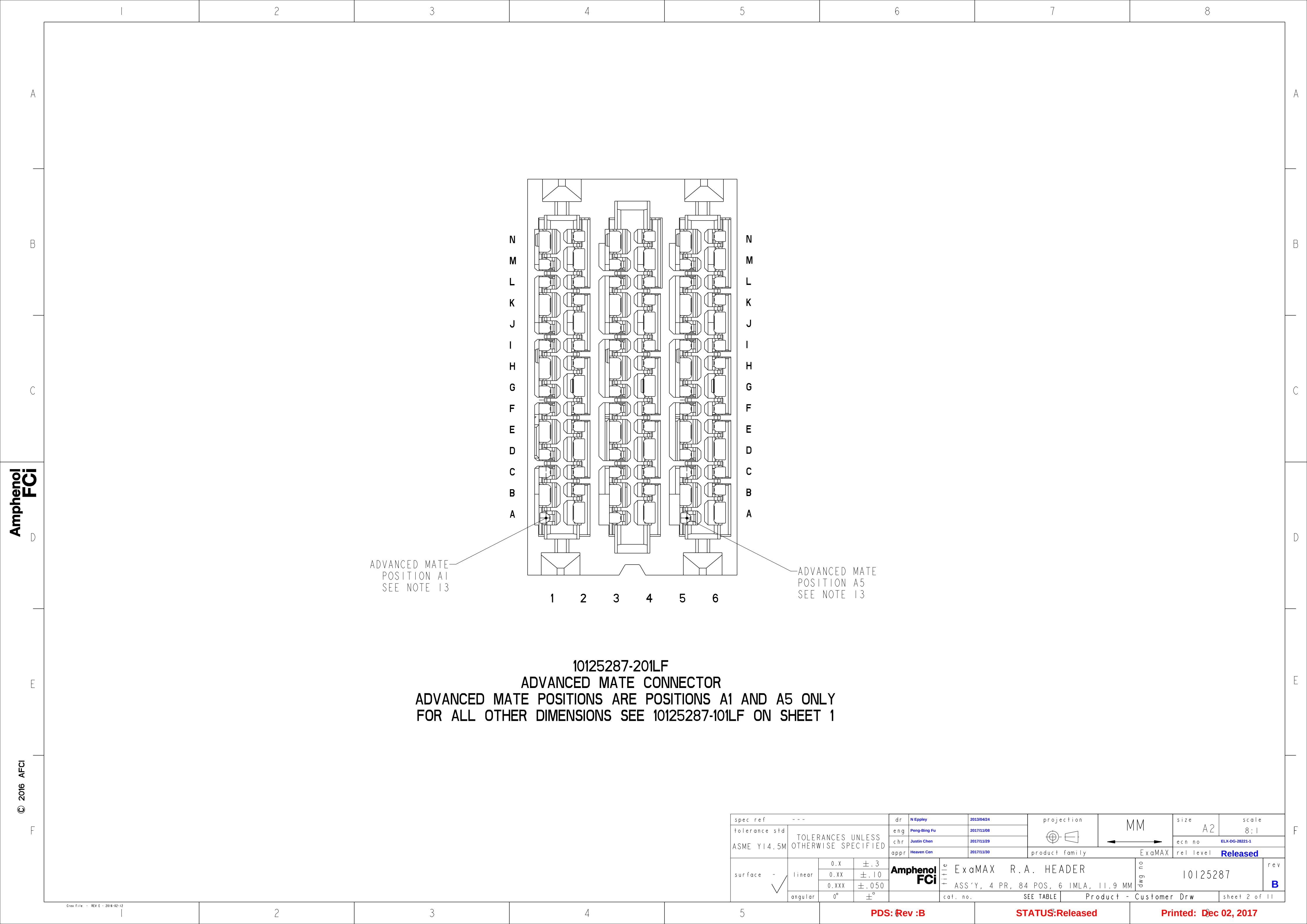
10125287-101LF
STANDARD MATE CONNECTOR

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		rel level		Released		
ASME Y14.5M						chr		Justin Chen		2017/11/29						appr				Heaven Cen		2017/11/30
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			

PDS: Rev :B

STATUS:Released

Printed: Dec 02, 2017



Amphenol
FCi

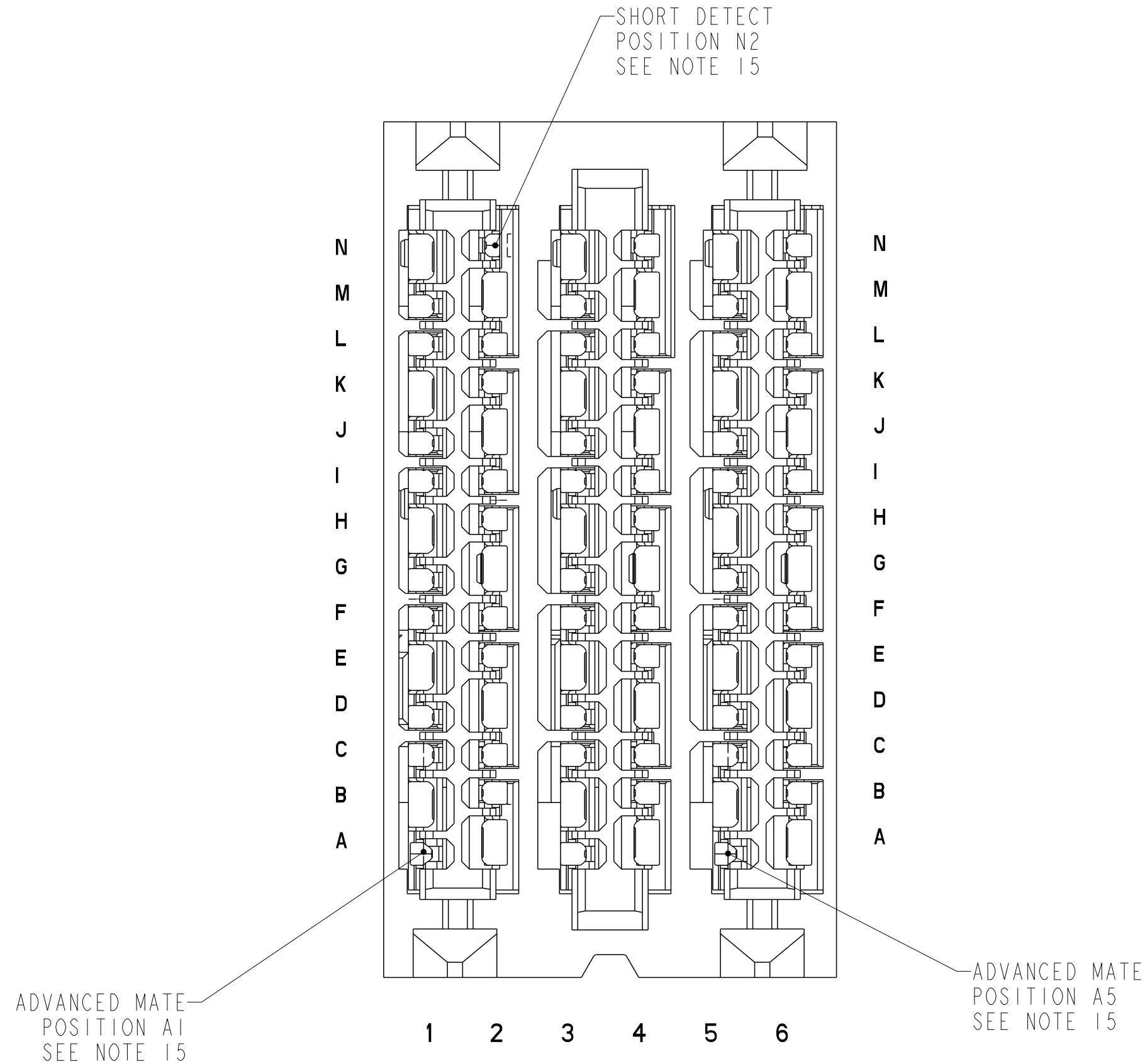
© 2016 APCI

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 0.XX 0.XXX		±.3 ±.10 ±.050		Amphenol FCi		title		ExaMAX R.A. HEADER		dwg no		10125287		rev		B					
				angular		0°		±°				cat. no.		SEE TABLE		Product - Customer Drw		sheet 2 of 11									

PDS: Rev :B

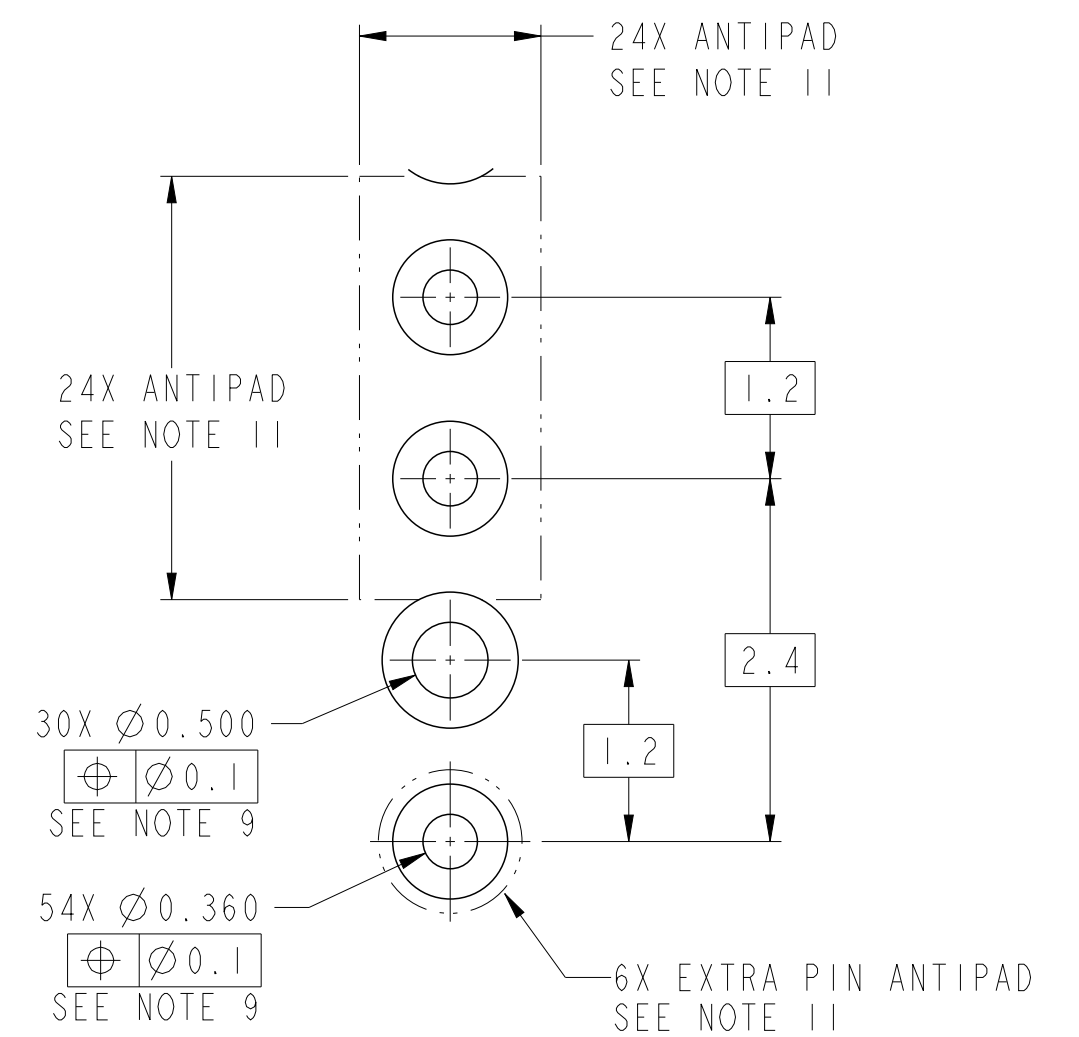
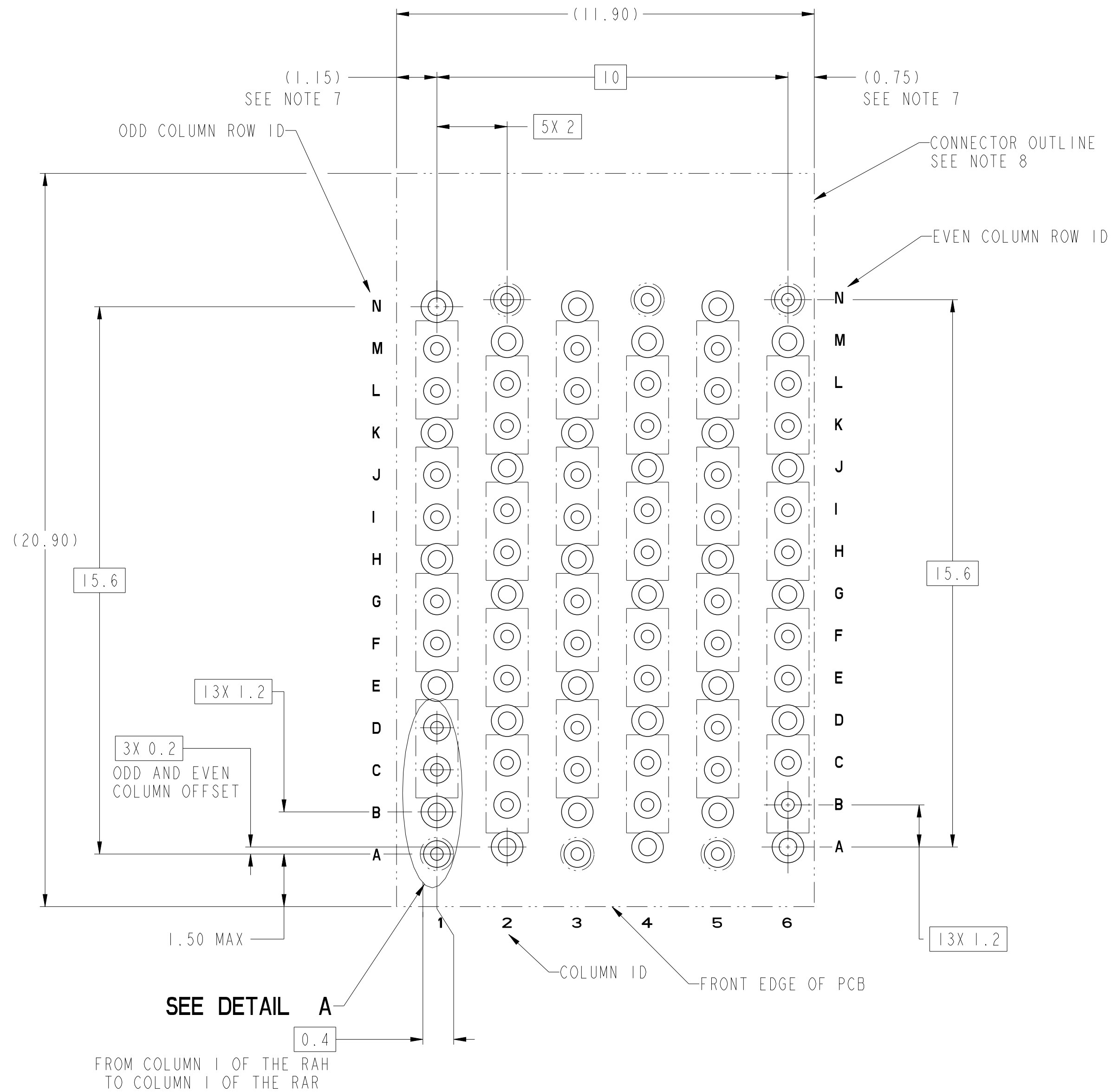
STATUS:Released

Printed: Dec 02, 2017



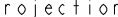
10125287-401LF
ADVANCED MATE/SHORT DETECT CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY
SHORT DETECT POSITIONS IS N2 ONLY
FOR ALL OTHER DIMENSIONS SEE 10125287-101LF ON SHEET 1

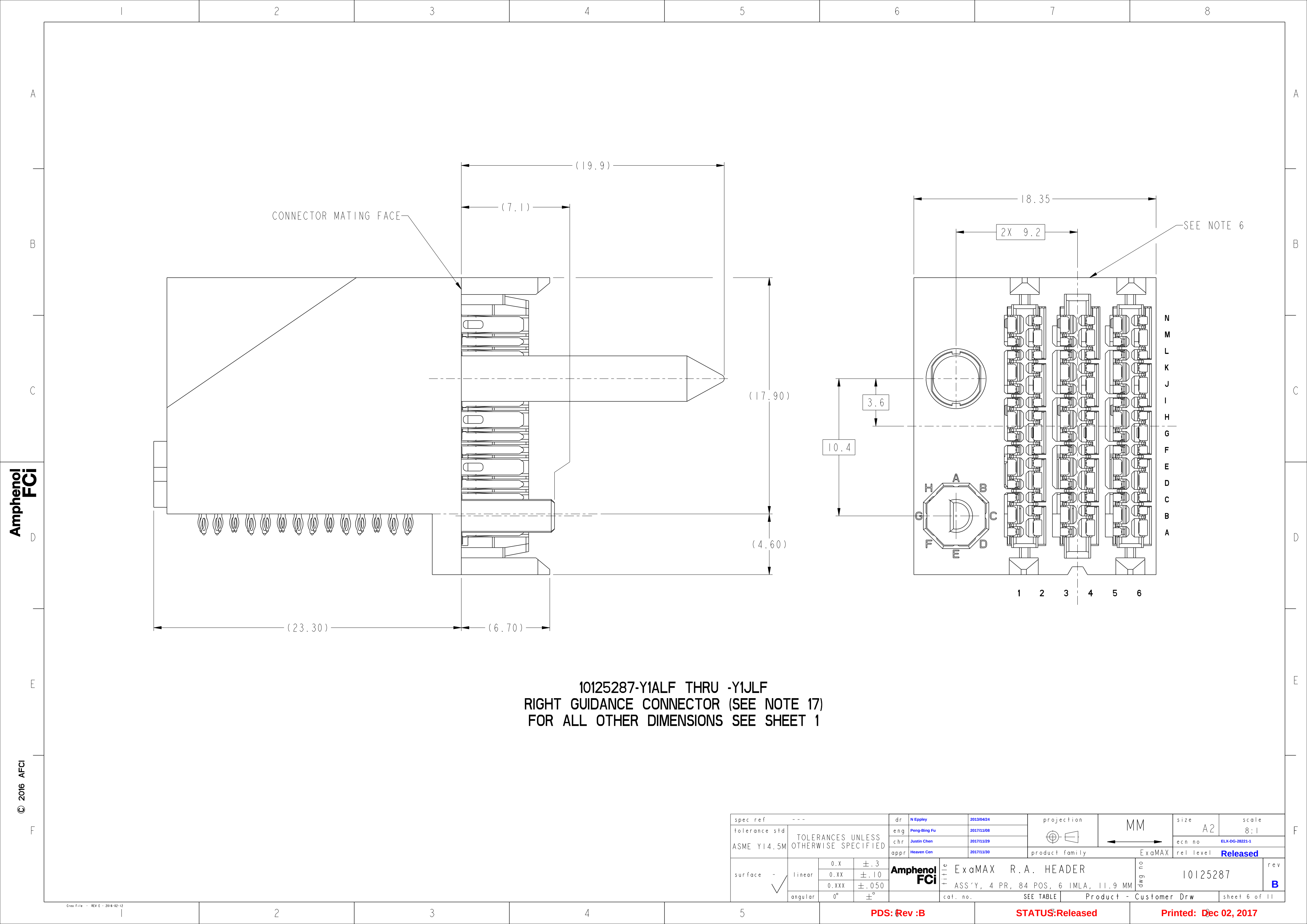
spec ref		---		dr	N Eppley	2013/04/24	projection				MM		size	A2	scale	8:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Peng-Bing Fu	2017/11/08										ecn no	ELX-DG-28221-1				
ASME Y14.5M				chr	Justin Chen	2017/11/29										product family	ExaMAX		rel level	Released	
				appr	Heaven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



DETAIL A
SCALE 20:1

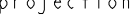
RECOMMENDED PCB LAYOUT
10125287-Y01LF COMPONENT SIDE
SEE NOTES 7, 8, 9 & 11
SCALE 10:1

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-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		cat. no.		SEE TABLE		Product-Customer Drw		sheet 5 of 11		dwg no 10125287		rev B					
																						angular 0° ±.			



Amphenol
FCi

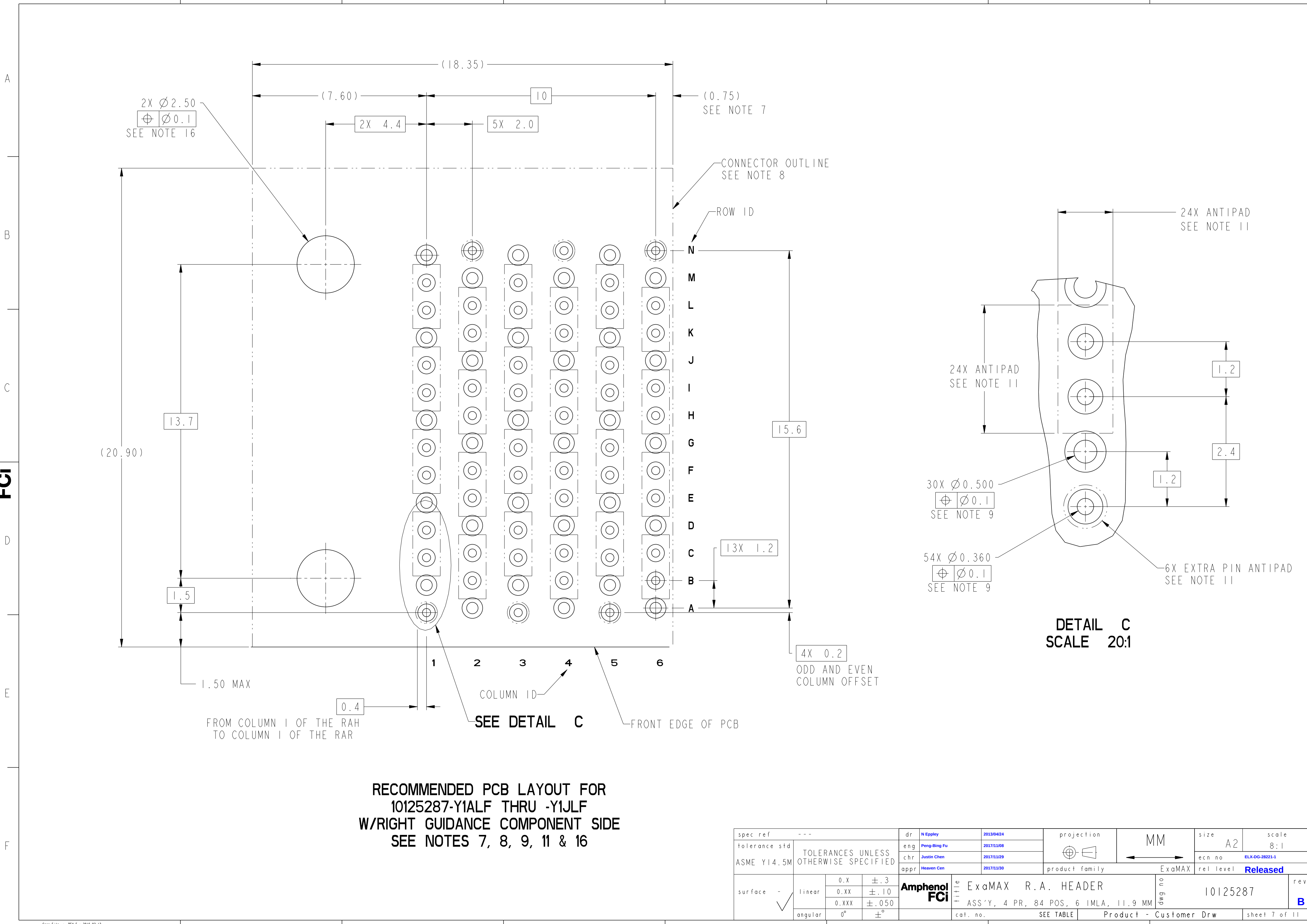
© 2016 AFCi

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				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
		0.XX	±.10											
		0.XXX	±.050											
	angular	0°	±°			cat. no.		SEE TABLE	Product - Customer Drw					

PDS: Rev :B

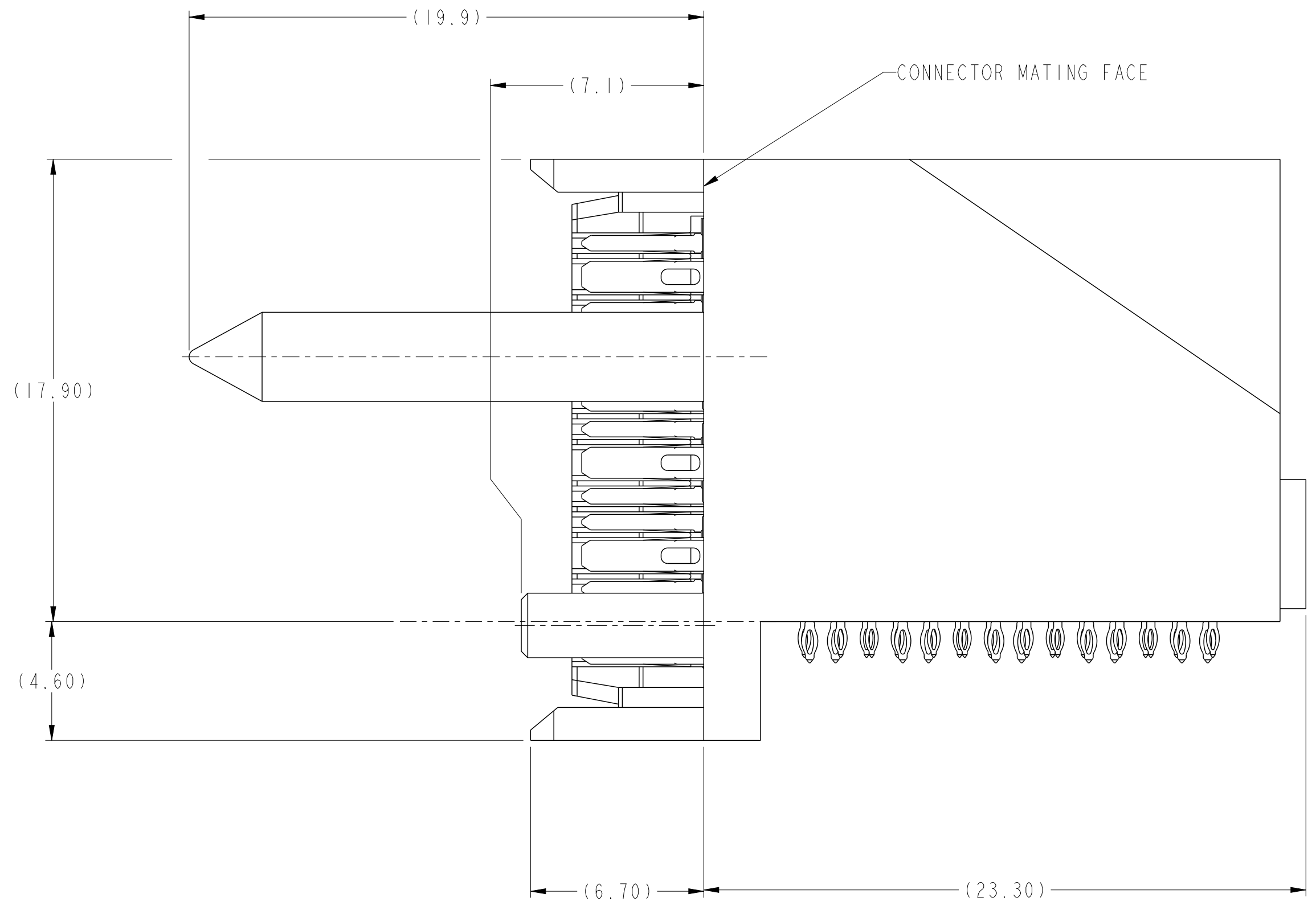
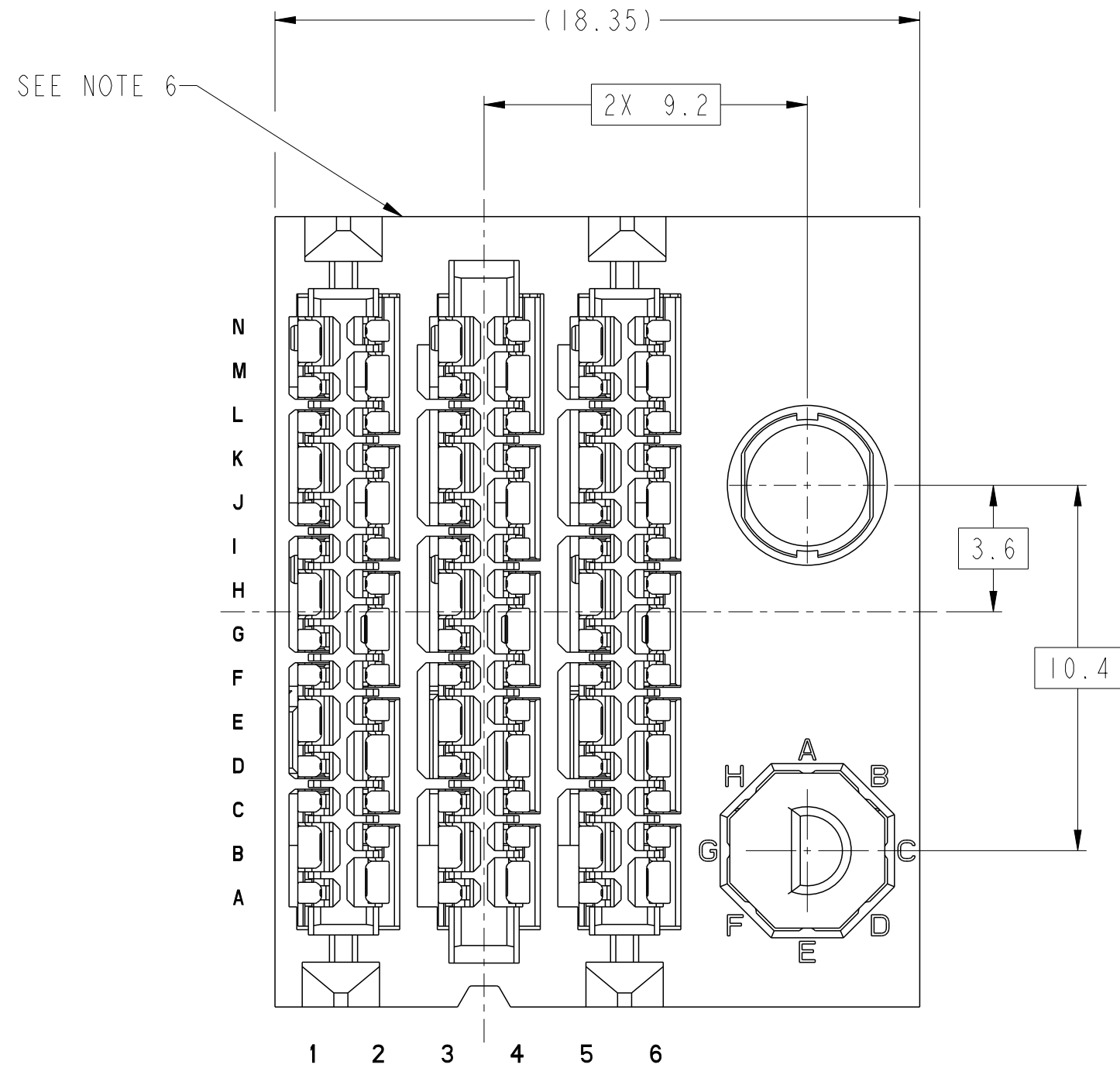
STATUS:Released

Printed: Dec 02, 2017



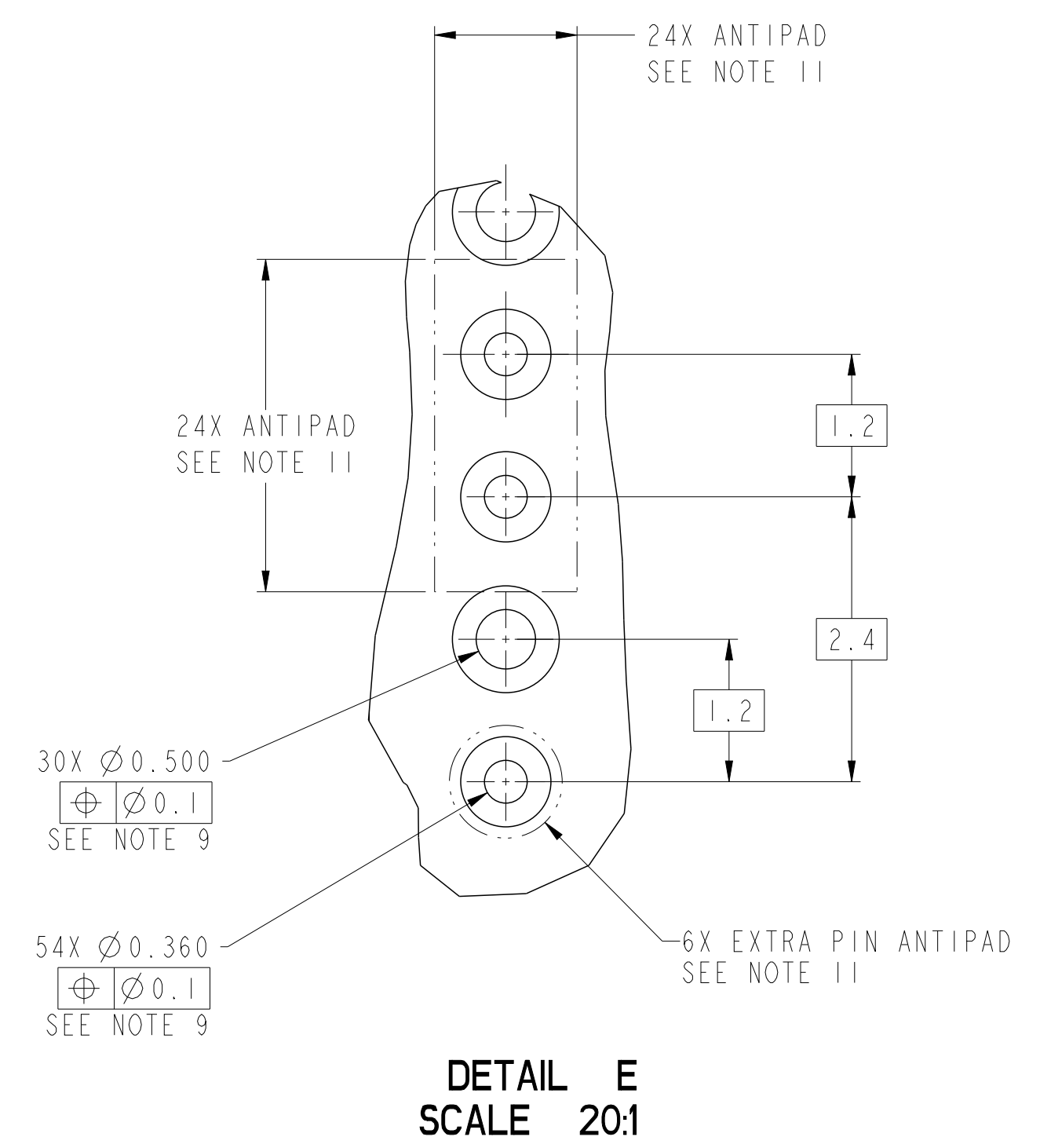
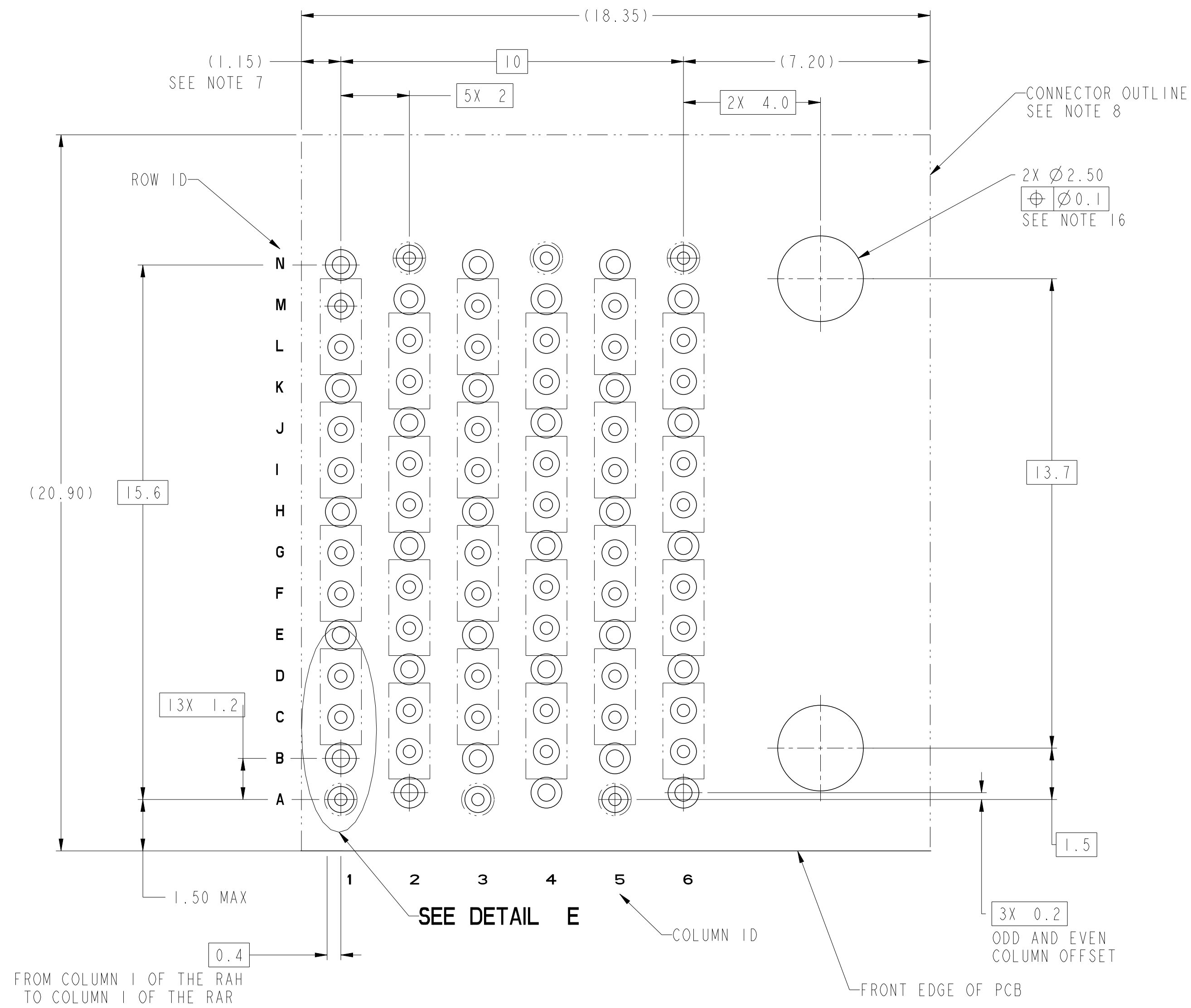
RECOMMENDED PCB LAYOUT FOR
10125287-Y1ALF THRU -Y1JLF
W/RIGHT GUIDANCE COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16

spec ref		---		dr		N Eppley		2013/04/24		projection		MM		size		A2		scale		8:1	
tolerance std		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		Amphenol FCI		title		ExaMAX R.A. HEADER		dwg no		10125287		rev		B			
				0.X																±.3	
				0.XX																±.10	
		0.XXX		±.050		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

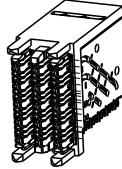
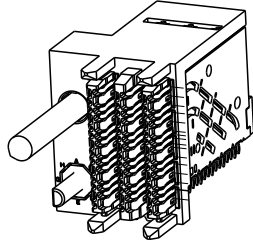
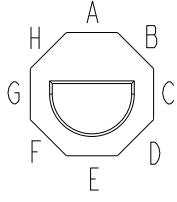
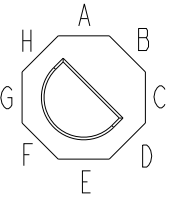
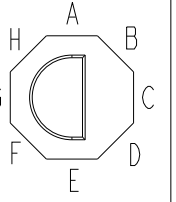
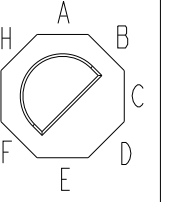
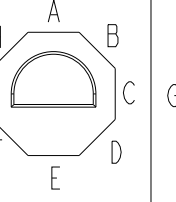
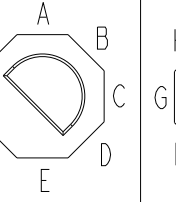
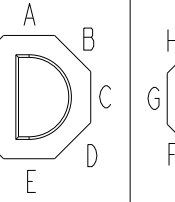
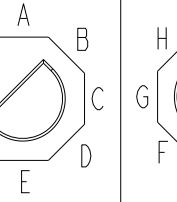
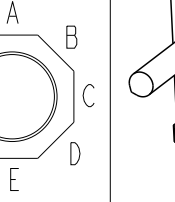
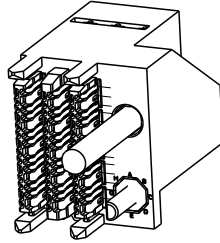
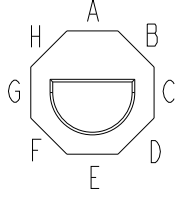
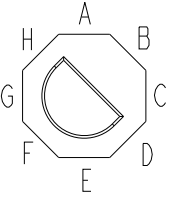
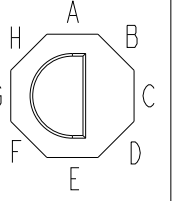
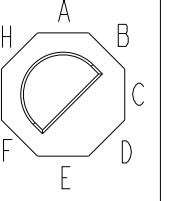
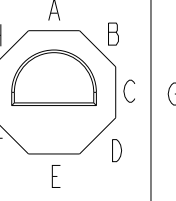
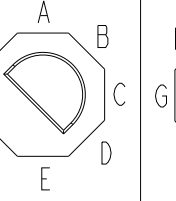
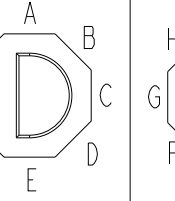
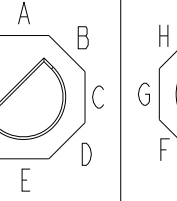
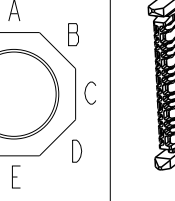


RECOMMENDED PCB LAYOUT FOR
10125287-Y2ALF THRU -Y2JLF
W/LEFT GUIDANCE COMPONENT SIDE
SEE NOTES 7, 8, 9, 11 & 16

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						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						dwg no		10125287				rev		B	
				0.XX		±.10																							
				0.XXX		±.050																							
				angular		0°		±°				cat. no.		SEE TABLE		Product - Customer Drw						sheet 9 of 11							

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		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		dwg no		10125287		rev		B	
						0.XX		±.10				ASS'Y, 4 PR, 84 POS, 6 IMLA, 11.9 MM											
						0.XXX		±.050															
				angular		0°		±°				cat. no.		SEE TABLE		Product - Customer Drw				sheet 10 of 11			

	1	2	3	4	5	6	7	8
A	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)							
B	3 - PRODUCT SPECIFICATION: GS-12-1096							
	4 - APPLICATION SPECIFICATION: GS-20-0361							
	5 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.							
C	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.							
D	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.							
E	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.							
F	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.							
spec ref		---		dr		N'Eppley		20130424
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		20171108
ASME Y14.5M				chr		Justin Chen		20171129
				appr		Heaven Cen		20171130
						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
						Product - Customer Drw		sheet 11 of 11

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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- 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).
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- Входной контроль качества.
- Наличие сертификата ISO.

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- 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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