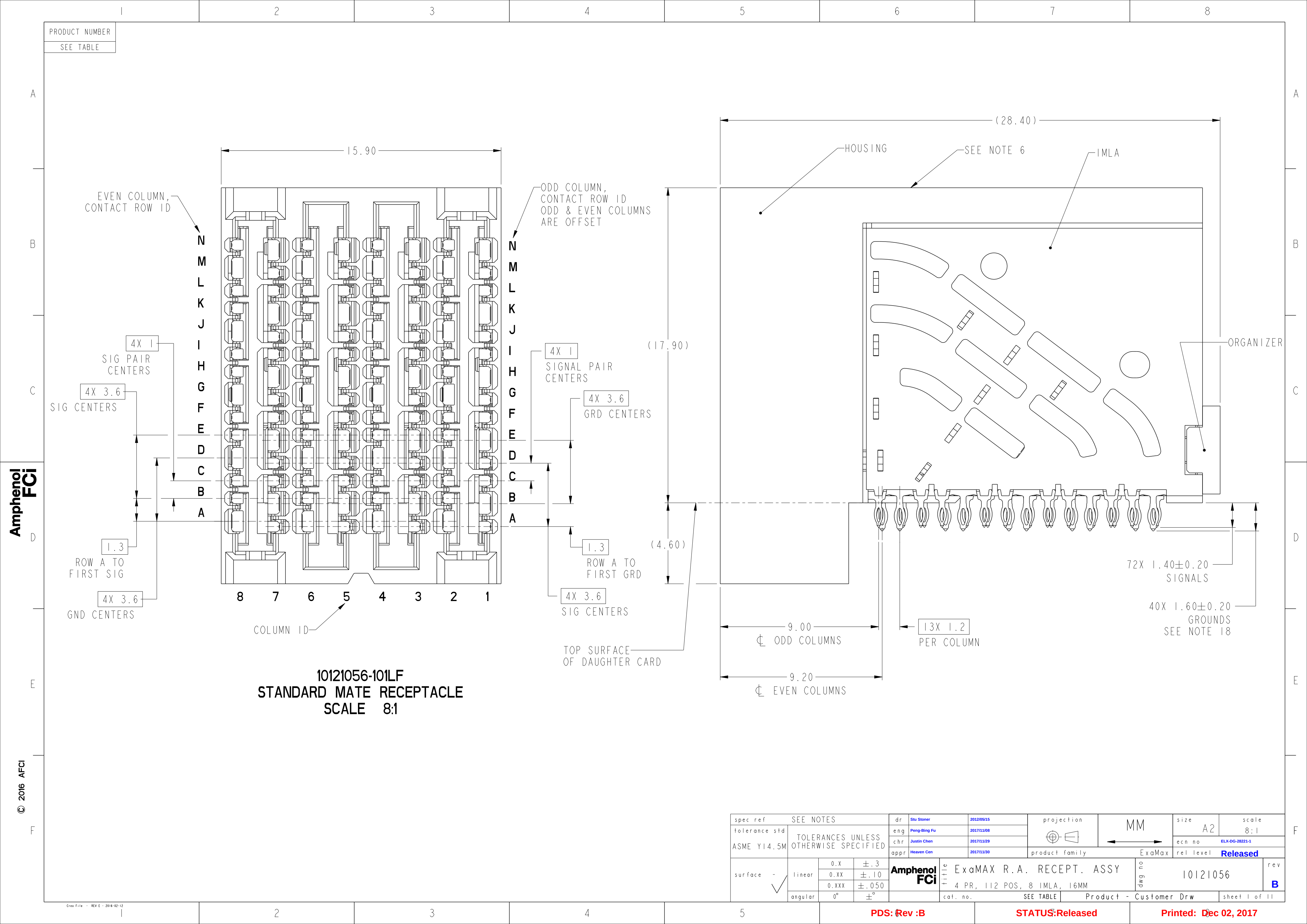
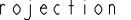




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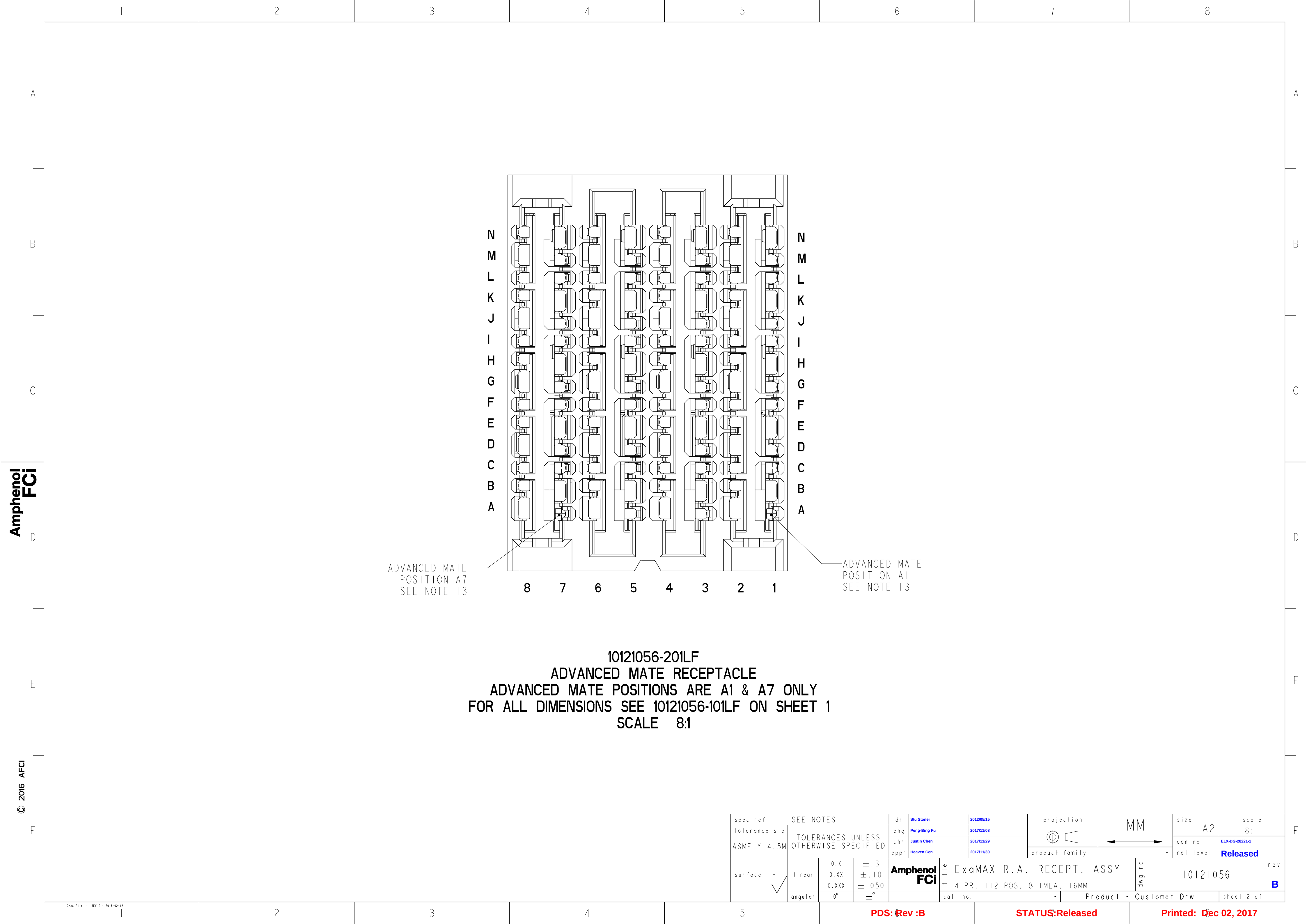
© 2016 AFCI

spec ref	SEE NOTES			dr	Stu Stoner	2012/09/15			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		title				ExaMAX R.A. RECEPT. ASSY		dwg no	10121056		rev	B
		0.XX	±.10												
		0.XXX	±.050		4 PR, 112 POS, 8 IMLA, 16MM										
	angular	0°	±°						cat. no.			SEE TABLE	Product - Customer Drw		

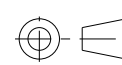
PDS: Rev :B

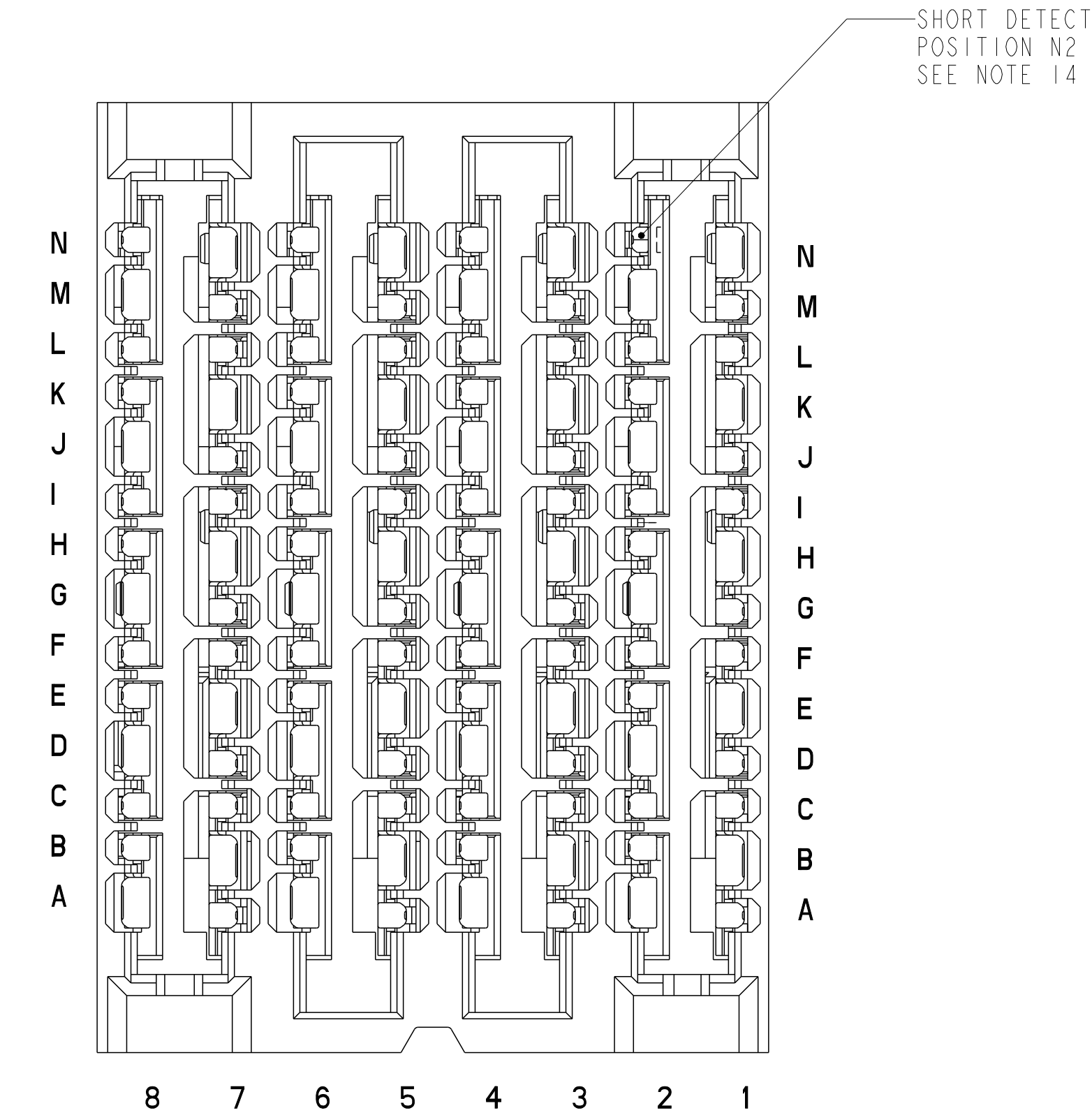
STATUS:Released

Printed: Dec 02, 2017



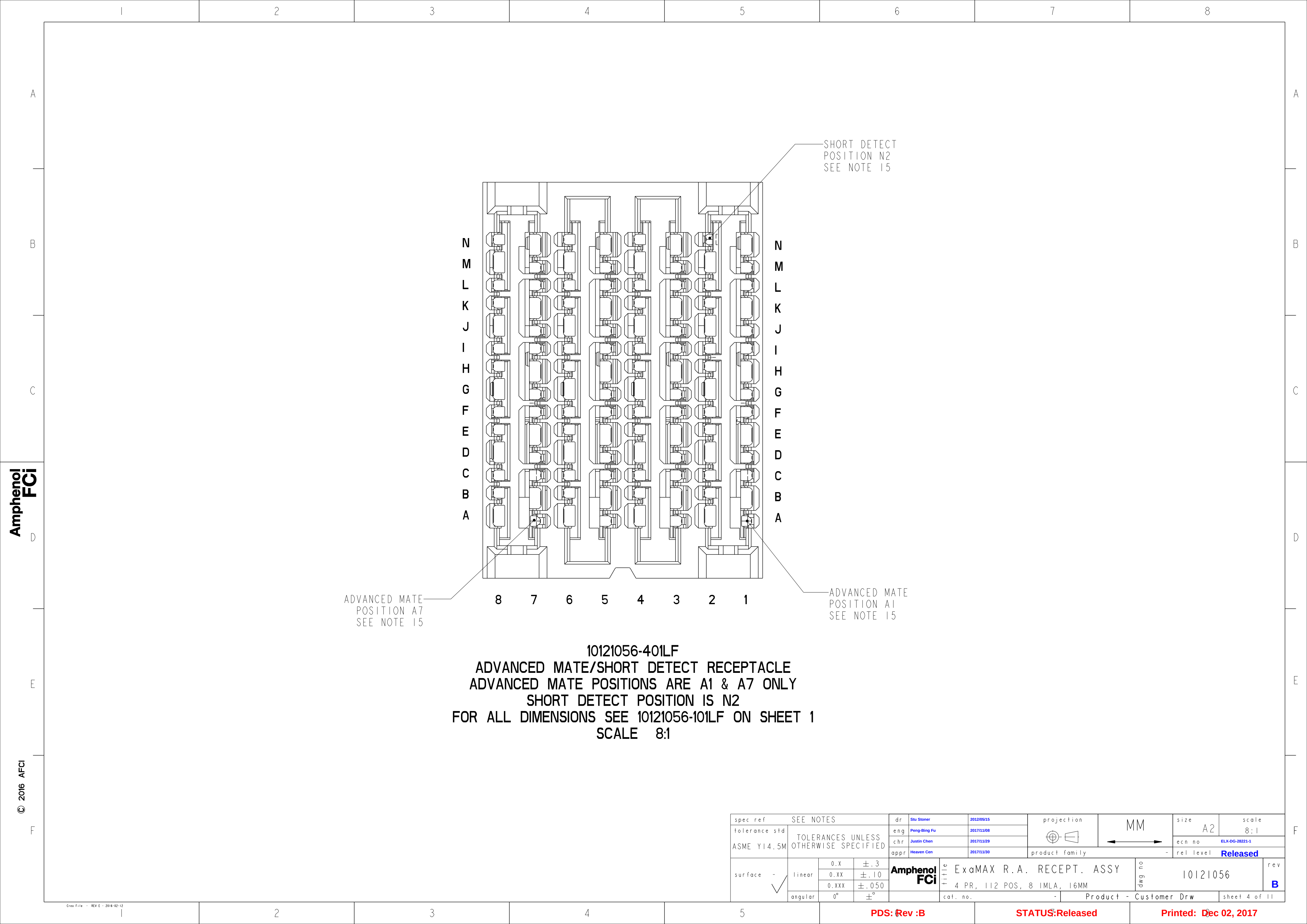
10121056-201LF
ADVANCED MATE RECEPTACLE
ADVANCED MATE POSITIONS ARE A1 & A7 ONLY
FOR ALL DIMENSIONS SEE 10121056-101LF ON SHEET 1
SCALE 8:1

spec ref	SEE NOTES			dr	Stu Stoner	2012/09/15	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					
				appr	Heaven Cen	2017/11/30			product family -		rel level Released
surface - ✓	linear	0.X	±.3	Amphenol FCI	title	ExaMAX R.A. RECEPT. ASSY 4 PR, 112 POS, 8 IMLA, 16MM		dwg no 10121056	rev	B	
		0.XX	±.10								
		0.XXX	±.050								
	angular	0°	±°	cat. no.	-	Product - Customer Drw			sheet 2 of 11		



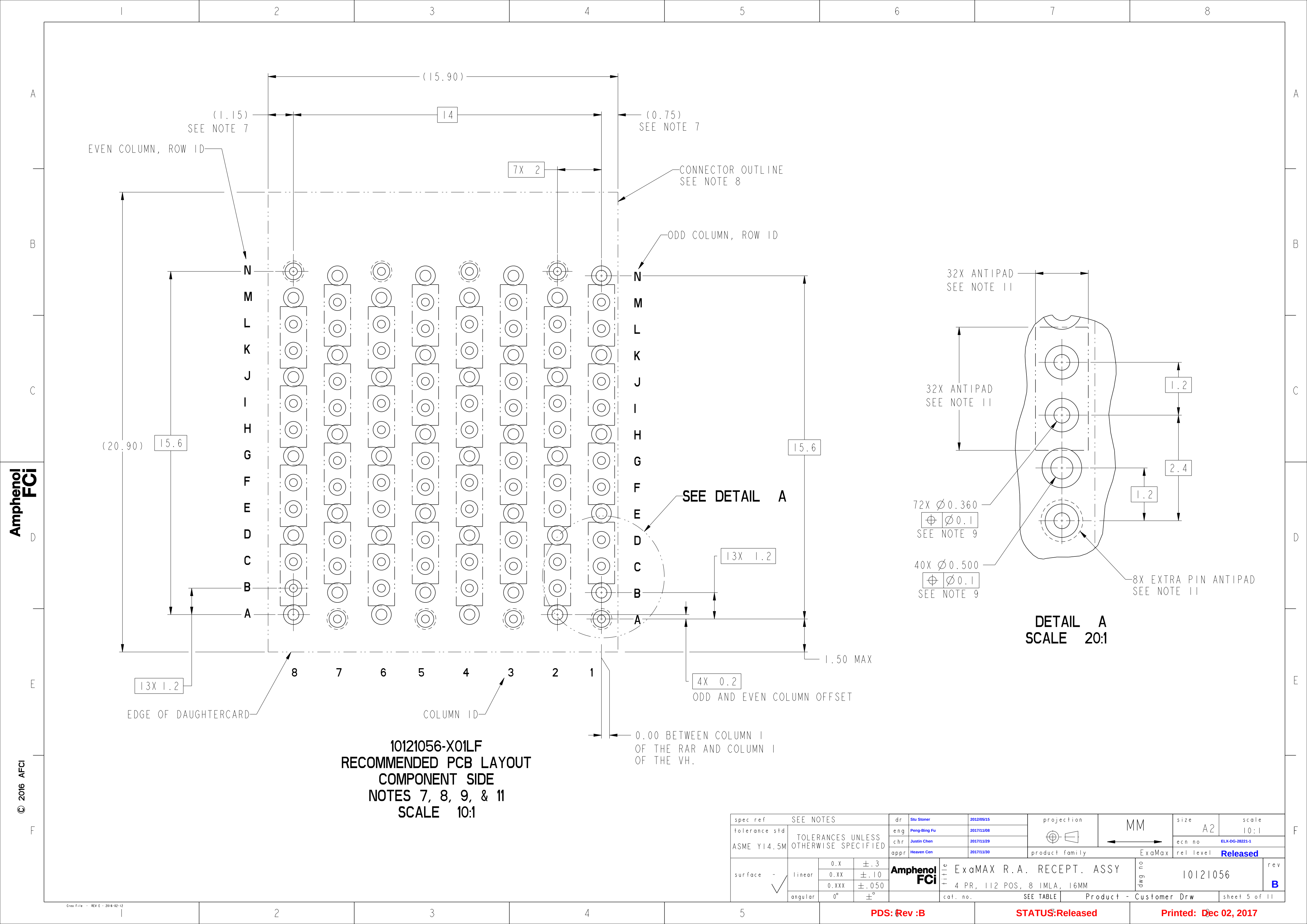
10121056-301LF
SHORT DETECT RECEPTACLE
SHORT DETECT POSITION IS N2
FOR ALL DIMENSIONS SEE 10121056-101LF ON SHEET 1
SCALE 8:1

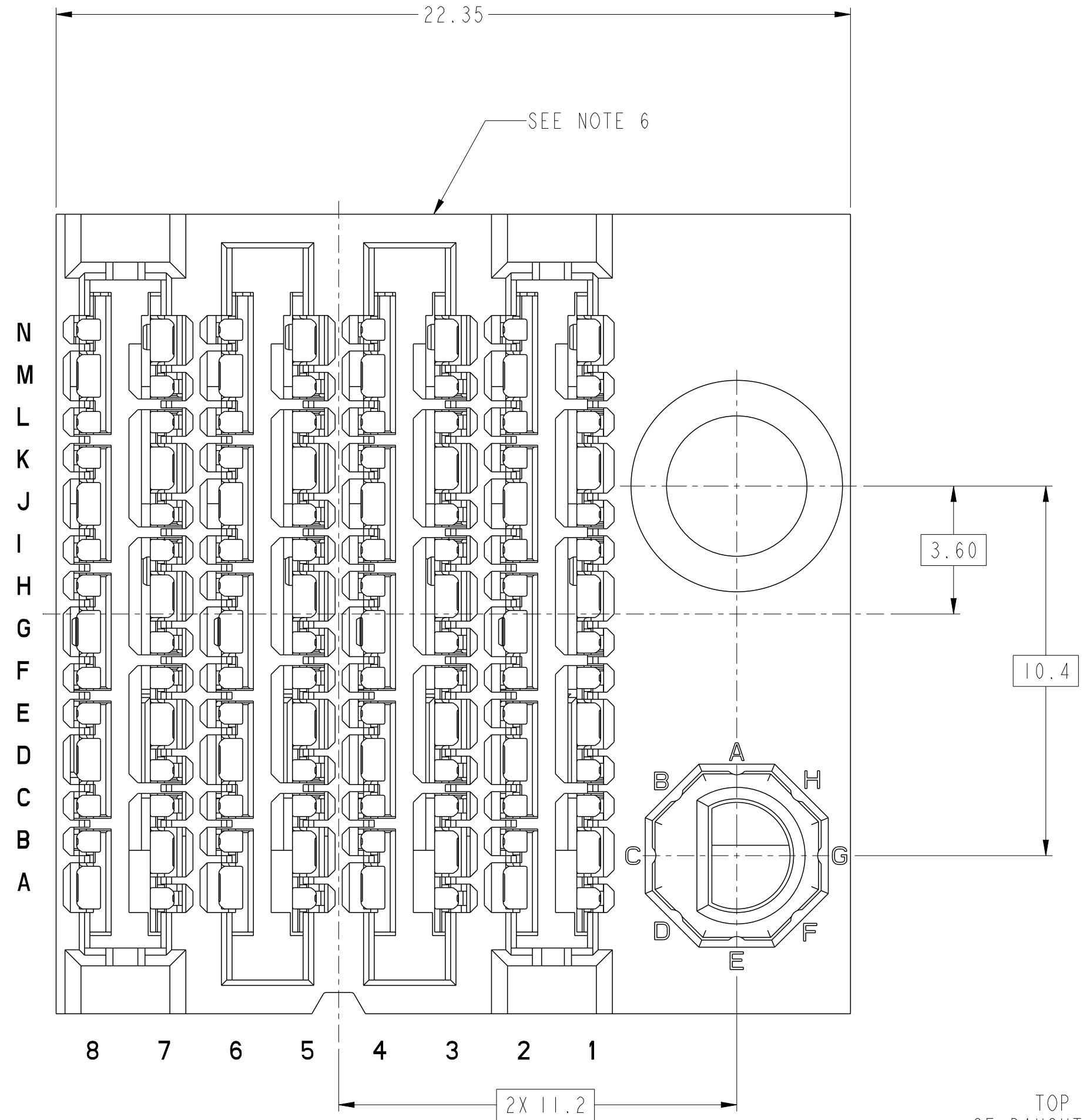
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2017/11/08						ecn no		ELX-DG-28221-1					
ASME Y14.5M					chr		Justin Chen		2017/11/29						rel level		Released					
					appr		Heaven Cen		2017/11/30						product family		-					
surface - 		linear		0.X		±.3		Amphenol FCi		title		ExaMAX R.A. RECEPT. ASSY		dwg no		10121056		rev		B		
				0.XX		±.10																
				0.XXX		±.050																
				angular		0°		±°		cat. no.		-		Product - Customer Drw		sheet 3 of 11						



10121056-401LF
ADVANCED MATE/SHORT DETECT RECEPTACLE
ADVANCED MATE POSITIONS ARE A1 & A7 ONLY
SHORT DETECT POSITION IS N2
FOR ALL DIMENSIONS SEE 10121056-101LF ON SHEET 1
SCALE 8:1

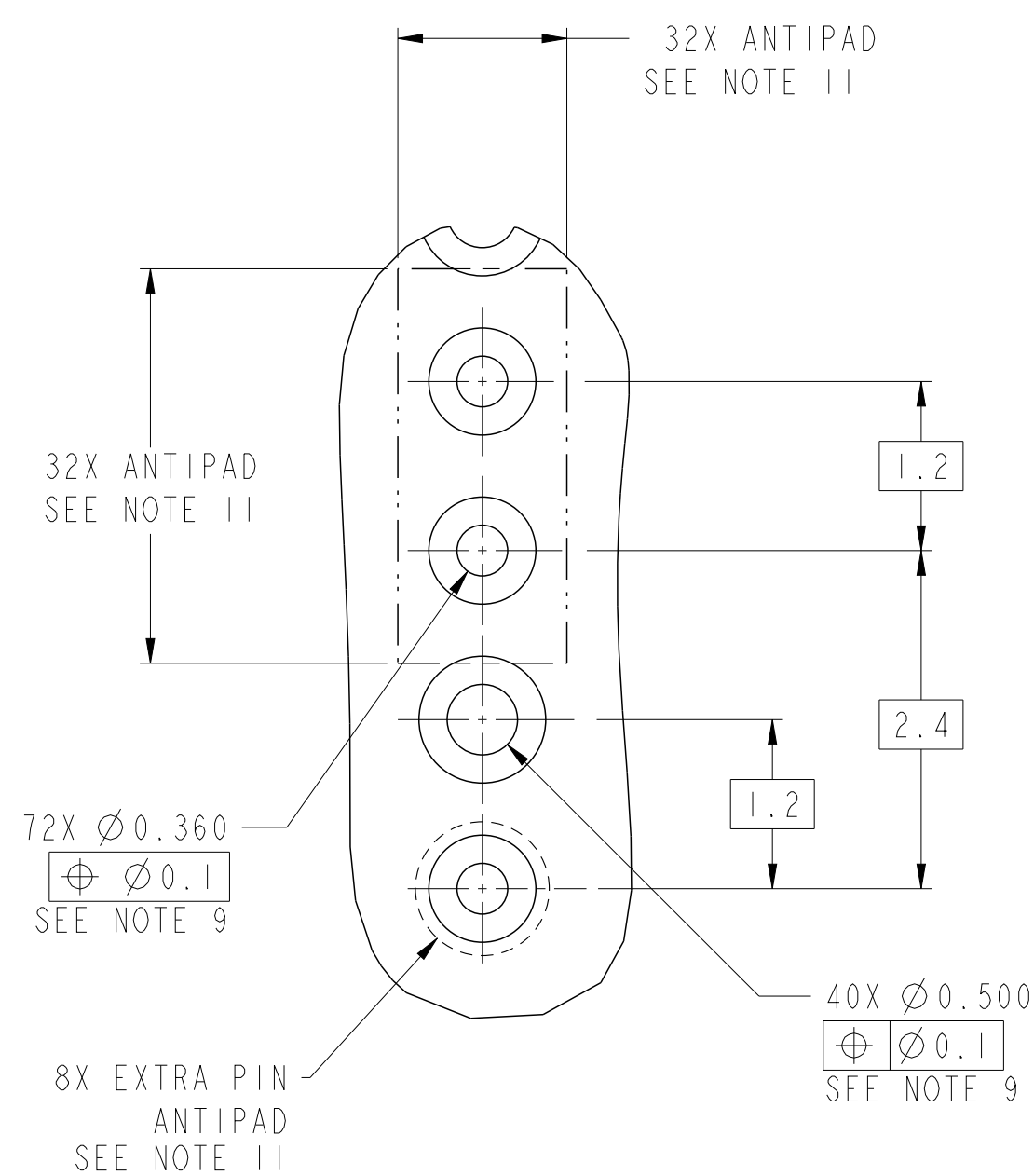
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tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Peng-Bing Fu		2017/11/08						ecn no		ELX-DG-28221-1															
ASME Y14.5M						chr		Justin Chen		2017/11/29						product family		-		rel level		Released											
						appr		Heaven Cen		2017/11/30																							
surface		-				linear		0.X ±.3 0.XX ±.10 0.XXX ±.050		Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY 4 PR, 112 POS, 8 IMLA, 16MM		dwg no		10121056		rev		B											
		angular		0° ±°								cat. no.		-		Product - Customer Drw				sheet 4 of 11													





10121056-X1ALF THRU -X1JLF
RIGHT GUIDANCE (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE 10121056-101LF ON SHEET 1
SCALE 8:1

spec ref		SEE NOTES			dr		Stu Stoner		2012/09/15		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		-																								
surface		-				linear		0.X		±.3		Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY		dwg no		10121056		rev		B																	



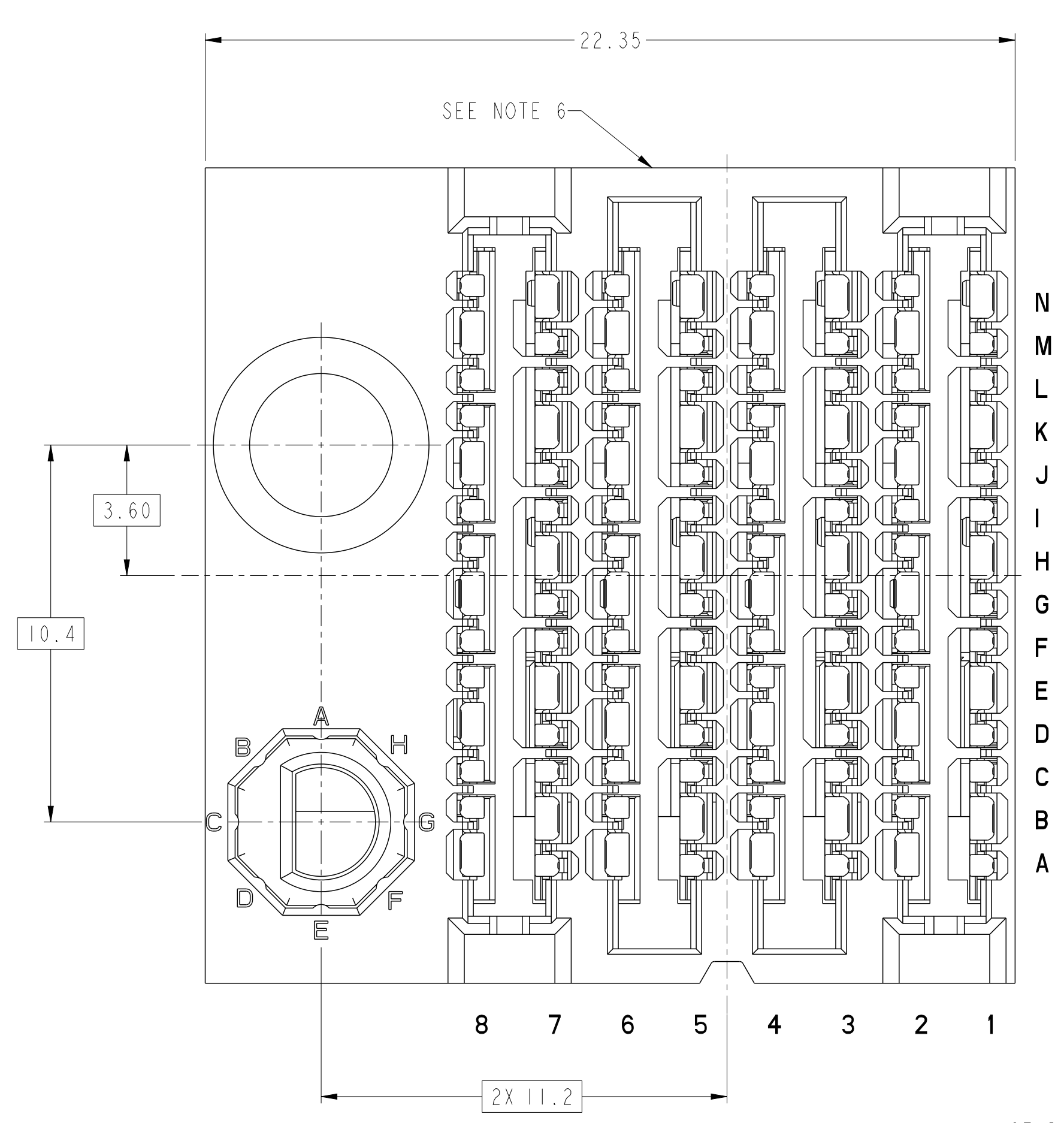
10121056-X1ALF THRU -X1JLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 10:1

spec ref		SEE NOTES		dr		Stu Stoner		2012/05/15		projection		size		scale	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/08				MM		A2 10:1	
ASME Y14.5M				chr		Justin Chen		2017/11/29							
				appr		Heaven Chen		2017/11/30		product family		-		ecn no ELX-DG-28221-1	
surface - 		linear		Amphenol FCI		title ExaMAX R.A. RECEPT. ASSY 4 PR, 112 POS, 8 IMLA, 16MM		cat. no.		-		Product - Customer Drw		sheet 7 of 11	
		0.X ±.3													
		0.XX ±.10													
		0.XXX ±.050													
		angular													
		0° ±0°													

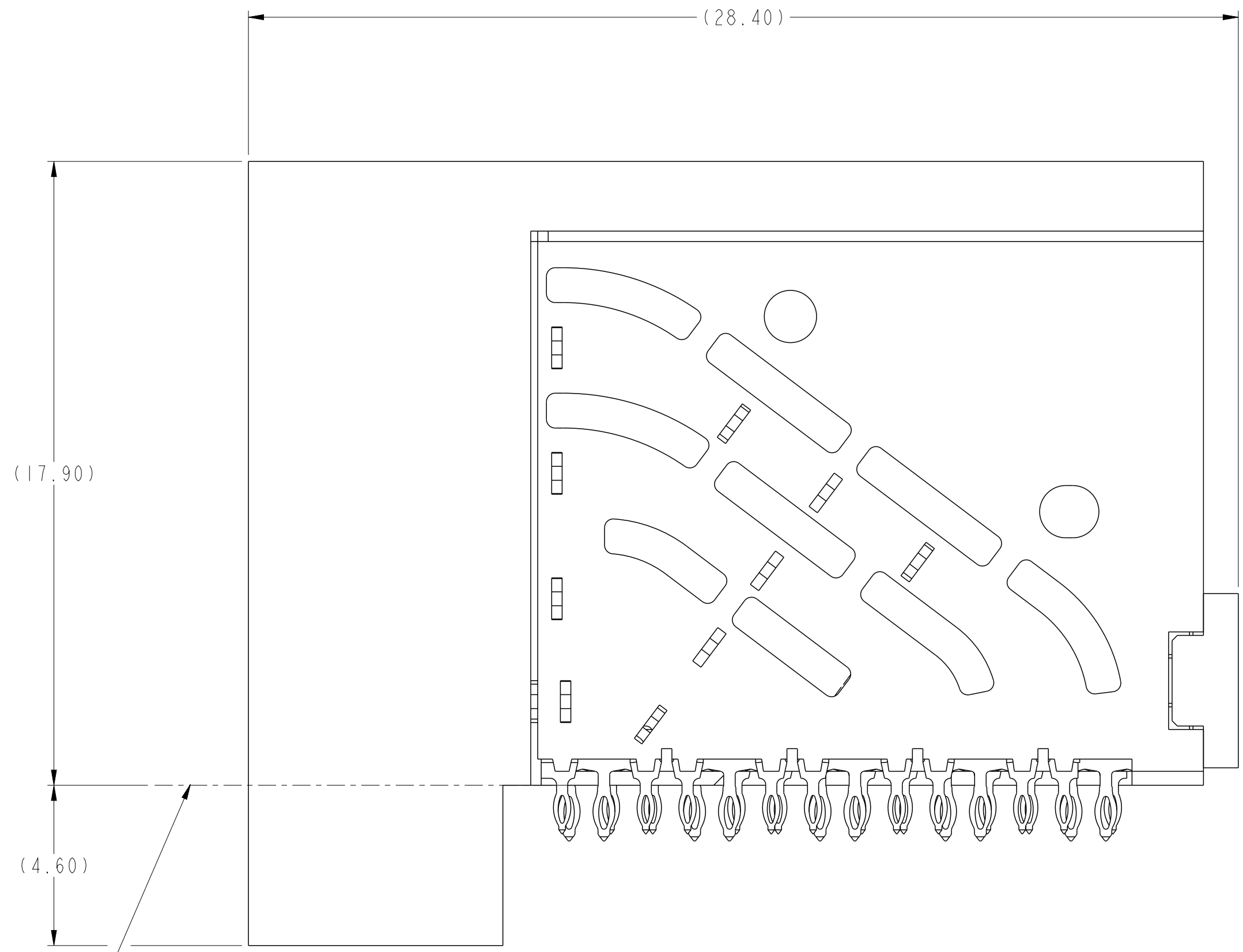
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10121056-X2ALF THRU -X2JLF
LEFT GUIDANCE (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE 10121056-101LF ON SHEET 1
SCALE 8:1



TOP SURFACE
OF DAUGHTER CARD

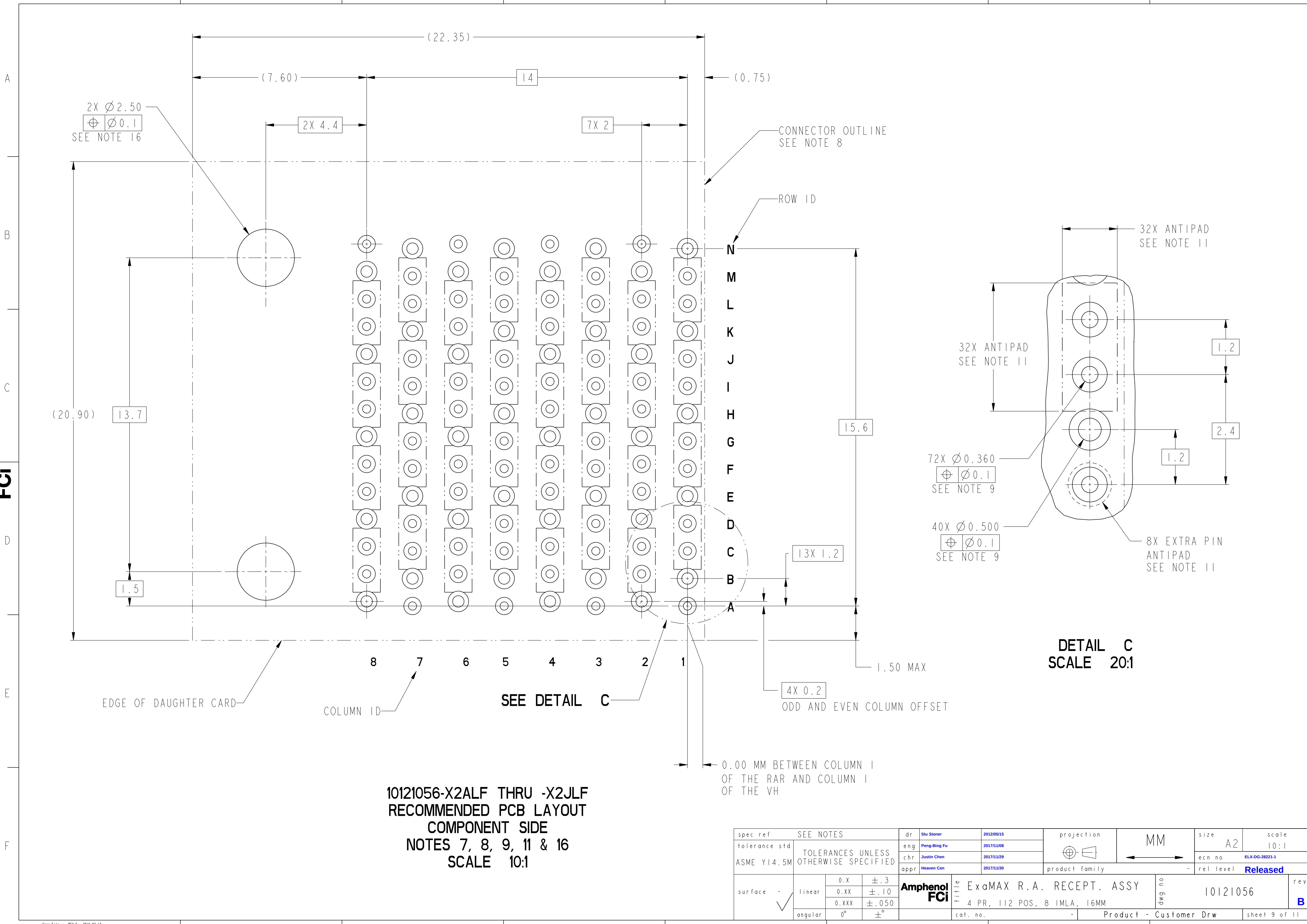


spec ref	SEE NOTES	dr	Stu Stoner	2012/09/15	projection	MM	size	A2	scale	8:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Peng-Bing Fu	2017/11/08			ecn no	ELX-DG-28221-1		
ASME Y14.5M		chr	Justin Chen	2017/11/29			rel level	Released		
		appr	Heaven Cen	2017/11/30	product family	-				
surface	linear	0.X	±.3	Amphenol FCI	title	ExaMAX R.A. RECEPT. ASSY	dwg no	10121056	rev	B
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		0.XXX	±.050							
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PDS: Rev :B

STATUS:Released

Printed: Dec 02, 2017

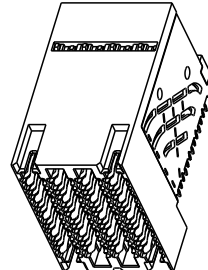
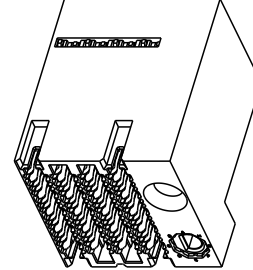
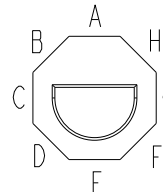
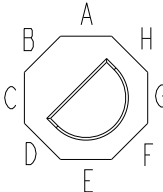
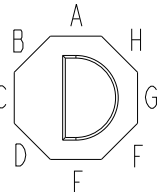
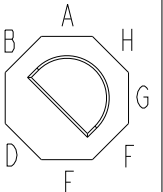
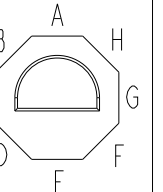
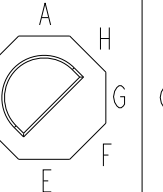
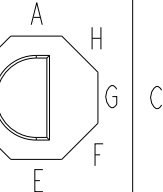
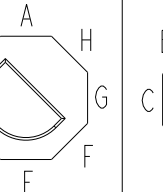
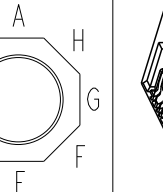
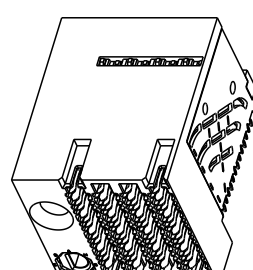
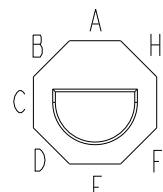
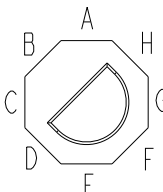
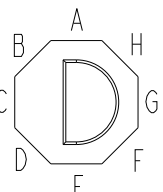
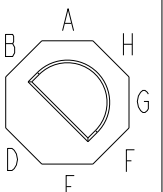
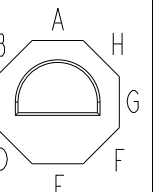
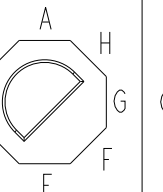
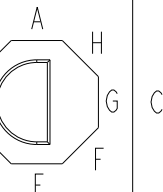
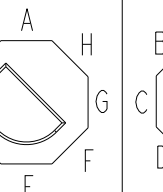
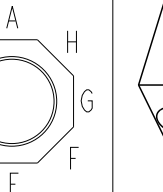


10121056-X2ALF THRU -X2JLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 10:1

spec ref		SEE NOTES			dr		Stu Stoner		2012/09/15		projection		MM		size		A2		scale		10:1	
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							
surface -		linear		0.X ±.3		Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY		dwg no		10121056		rev		B				
																				0.XX ±.10		
																				0.XXX ±.050		
		angular		0° ±°				cat. no.		-		Product - Customer Drw		sheet 9 of 11								

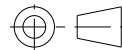
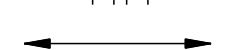
10121056 - Y Y Y L F

ASSEMBLY PART NUMBER	DESCRIPTION
10121056-1YYLF	STANDARD MATE
10121056-2YYLF	ADVANCED MATE
10121056-3YYLF	SHORT DETECT
10121056-4YYLF	ADVANCED MATE & SHORT DETECT

MODULE DESCRIPTION	DESIGNATION REPRESENTED IN DASH NUMBER									BASE MODULE
WITHOUT END GUIDES MODULE (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)	
										

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spec ref	SEE NOTES				dr	Stu Stoner	2012/09/15			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
	linear	0.X	±.3		title	ExaMAX R.A. RECEPT. ASSY 4 PR, 112 POS, 8 IMLA, 16MM				dwg no	10121056		rev	B
		0.XX	±.10											
		0.XXX	±.050											
	angular	0°	±°										cat. no.	

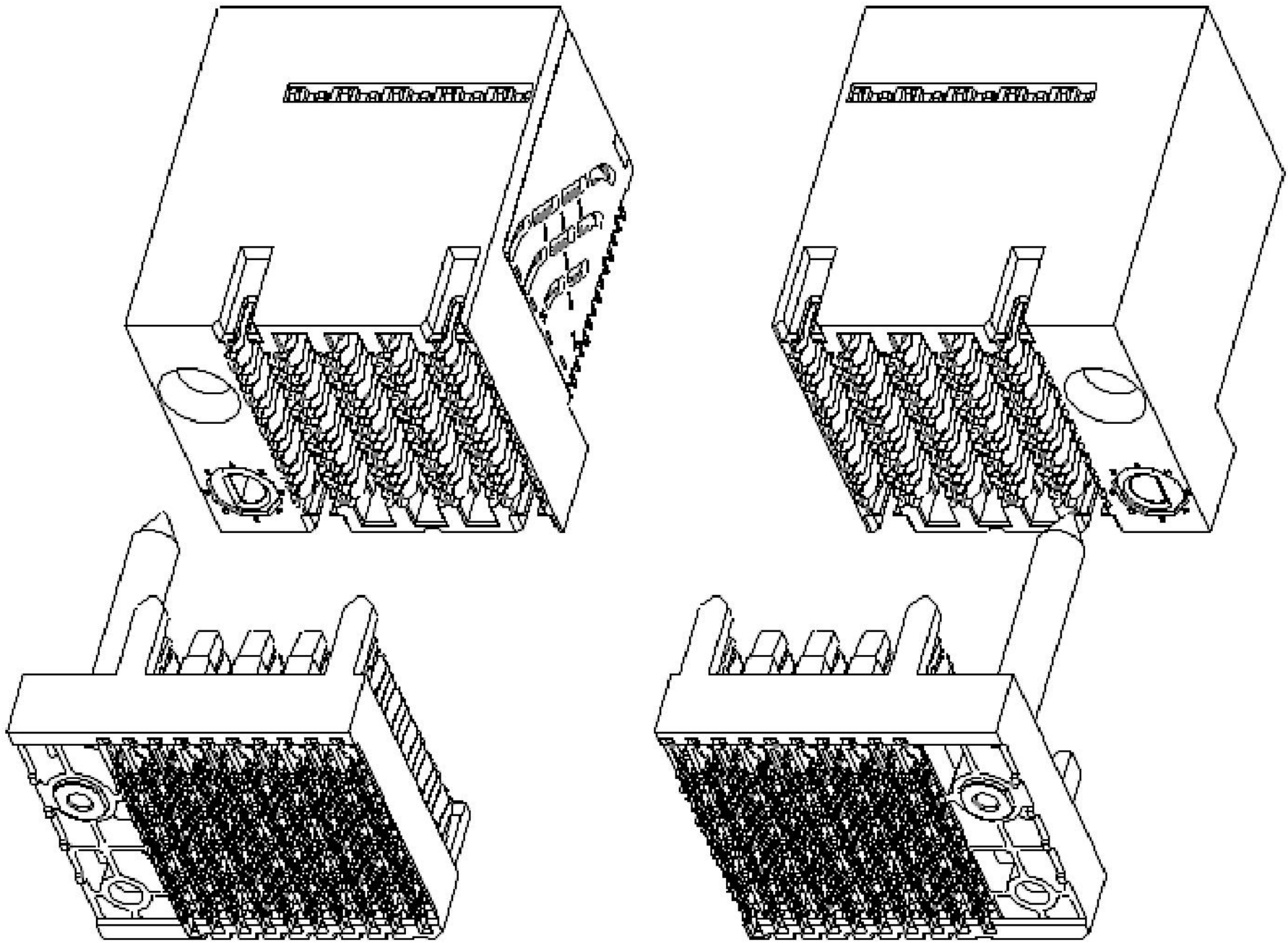
PDS: Rev :B

STATUS:Released

Printed: Dec 02, 2017

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 IS 2.0 MM FOR THIS RAR AND THE MATING HEADER. 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 RECEPTACLE, 10121056-2XXLF, WHEN MATED WITH AN ADVANCED MATE VERTICAL HEADER OR AN ADVANCED MATE RIGHT-ANGLE HEADER, WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- 14 - THE SHORT DETECT RECEPTACLE, 10121056-3XXLF, WHEN MATED WITH A STANDARD MATE VERTICAL HEADER OR A STANDARD MATE RIGHT-ANGLE HEADER, WILL PROVIDE 1 PAIR OF MATING CONTACTS THAT MATE 1.00MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- 15 - THE ADVANCED MATE/SHORT DETECT RECEPTACLE, 10121056-4XXLF, WHEN MATED WITH AN ADVANCED MATE VERTICAL HEADER OR AN ADVANCED MATE RIGHT-ANGLE HEADER, WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS AND 1 PAIR OF MATING CONTACTS THAT MATE 1.00MM 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 BOARD. 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 ANGLE RECEPTACLE. THE LEFT / RIGHT DESIGNATION OF THE MATING HEADER IS DEFINED BY THE RIGHT ANGLE RECEPTACLE THAT IT MATES WITH (i.e. A RIGHT GUIDE VERTICAL HEADER MATES WITH A RIGHT GUIDE RIGHT ANGLE RECEPTACLE.)
- 18 - ALL GROUND CONTACTS ARE COMMONED WITHIN A COLUMN.



LEFT GUIDE

RIGHT GUIDE

ExaMAX INTEGRATED GUIDE ORIENTATION
4-PAIR 10-IMLA CONNECTORS SHOWN FOR REFERENCE ONLY
SEE NOTE 17

spec ref	SEE NOTES			dr	Stu Stoner	2012/09/15	projection		MM		size	A2	scale	2:1
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. RECEPT. ASSY 4 PR, 112 POS, 8 IMLA, 16MM			dwg no	10121056			rev	B
		0.XX	±.10											
		0.XXX	±.050											
	angular	0°	±°	cat. no.		SEE TABLE	Product - Customer Drw				sheet 11 of 11			

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- 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.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru

www.lifeelectronics.ru