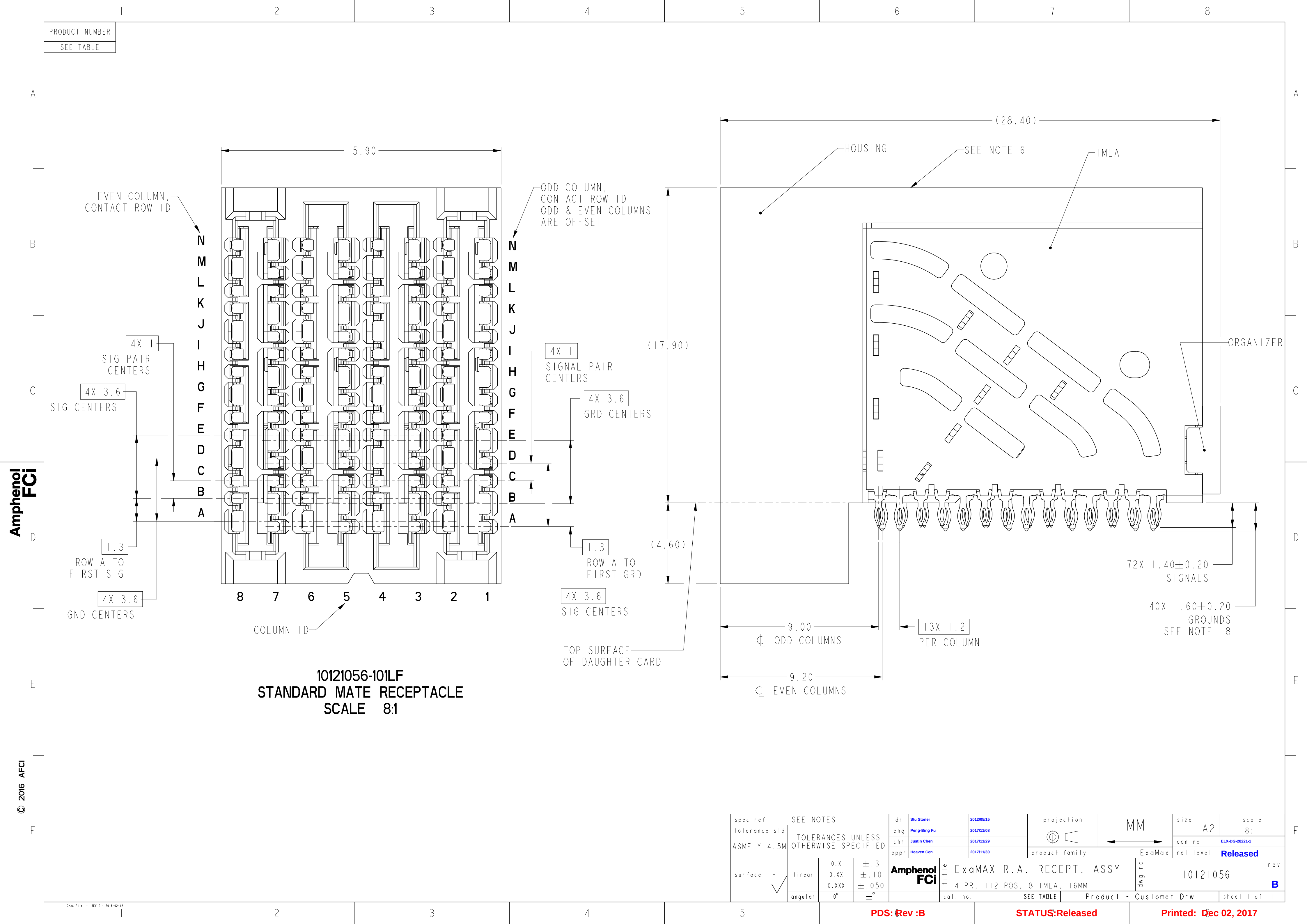




PRODUCT NUMBER
SEE TABLE

EVEN COLUMN,
CONTACT ROW ID

ODD COLUMN,
CONTACT ROW ID
ODD & EVEN COLUMNS
ARE OFFSET

4X 1
SIG PAIR
CENTERS
4X 3.6
SIG CENTERS

4X 1
SIGNAL PAIR
CENTERS
4X 3.6
GRD CENTERS

1.3
ROW A TO
FIRST SIG
4X 3.6
GND CENTERS

1.3
ROW A TO
FIRST GRD
4X 3.6
SIG CENTERS

10121056-101LF
STANDARD MATE RECEPTACLE
SCALE 8:1

(28.40)

HOUSING

SEE NOTE 6

IMLA

ORGANIZER

(17.90)

(4.60)

72X 1.40±0.20
SIGNALS

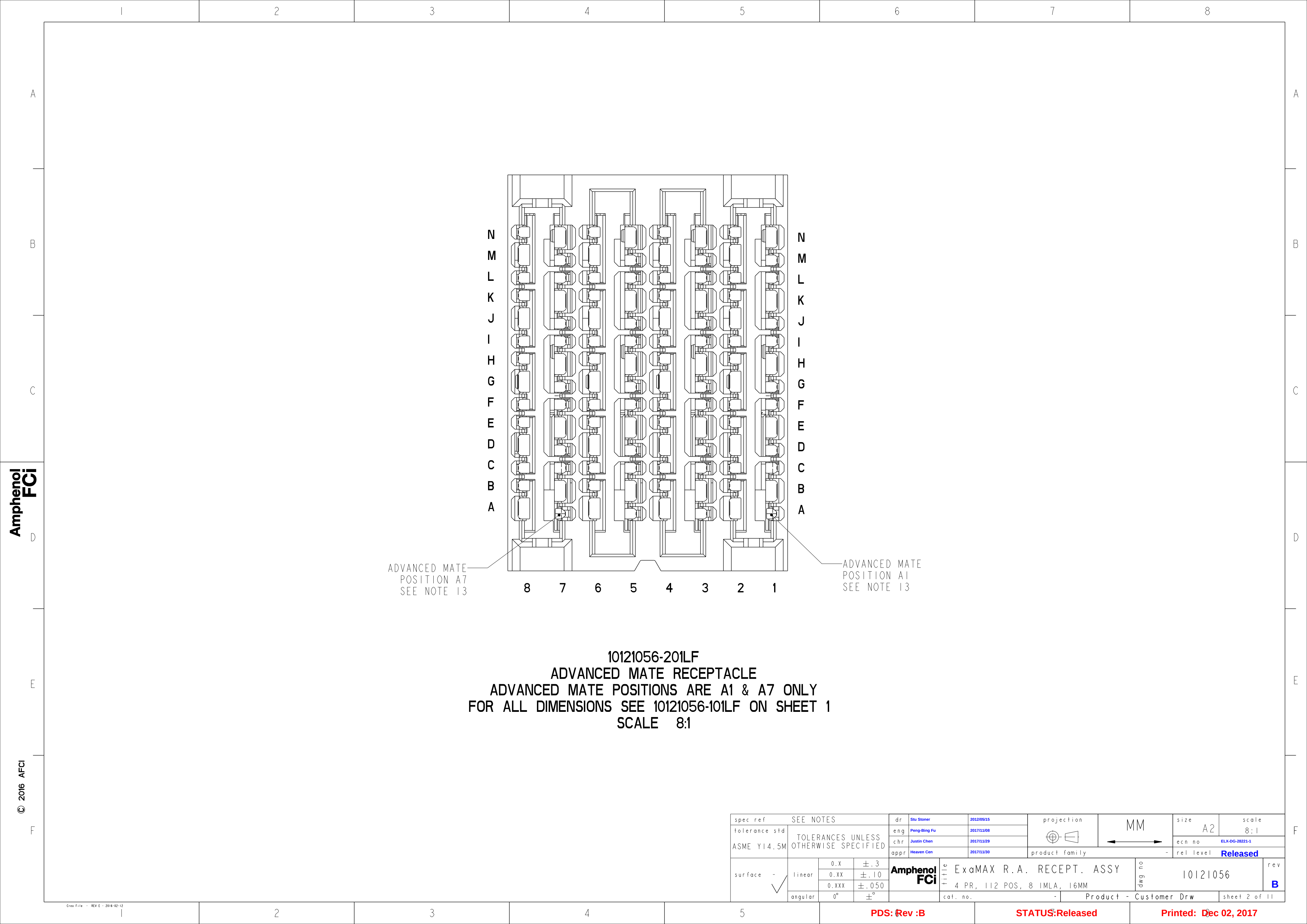
40X 1.60±0.20
GROUNDS
SEE NOTE 18

9.00
Ø ODD COLUMNS

9.20
Ø EVEN COLUMNS

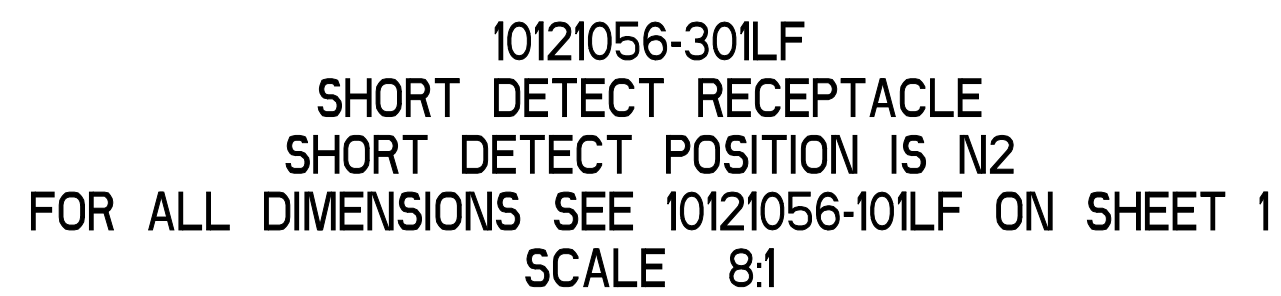
13X 1.2
PER COLUMN

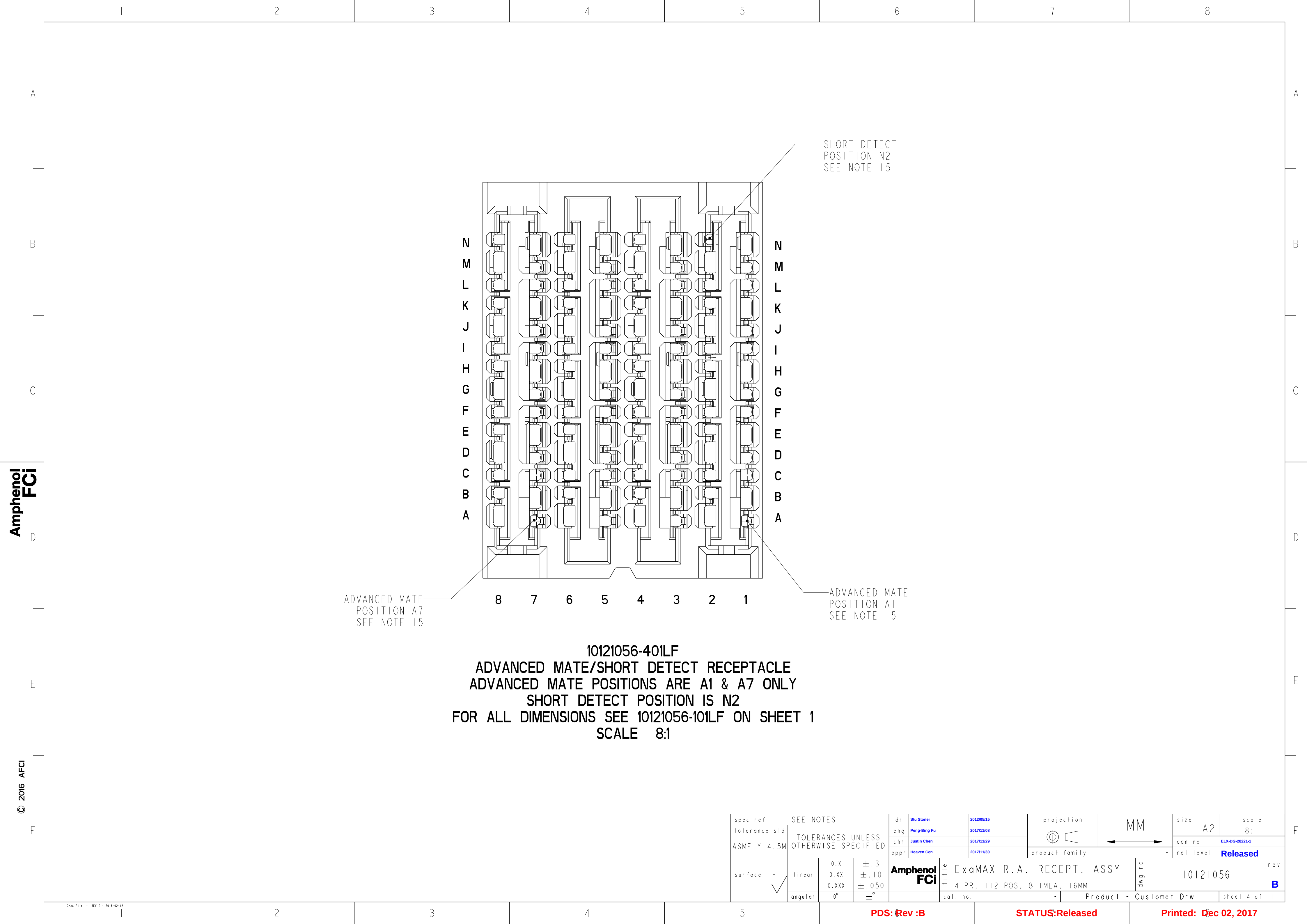
spec ref	SEE NOTES	dr	Stu Stoner	2012/09/15	projection	MM	size	A2	scale	8:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Peng-Bing Fu	2017/11/08		←	ecn no	ELX-DG-28221-1	rel level	Released
ASME Y14.5M		chr	Justin Chen	2017/11/29						
		appr	Heaven Cen	2017/11/30						
surface	linear	0.X	±.3	0.XX	±.10	0.XXX	±.050	angular	0°	±°
		Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY		dwg no		10121056
				4 PR, 112 POS, 8 IMLA, 16MM		cat. no.		Product - Customer Drw		sheet 1 of 11
		PDS: Rev :B		STATUS:Released		Printed: Dec 02, 2017				



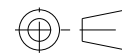
10121056-201LF
ADVANCED MATE RECEPTACLE
ADVANCED MATE POSITIONS ARE A1 & A7 ONLY
FOR ALL DIMENSIONS SEE 10121056-101LF ON SHEET 1
SCALE 8:1

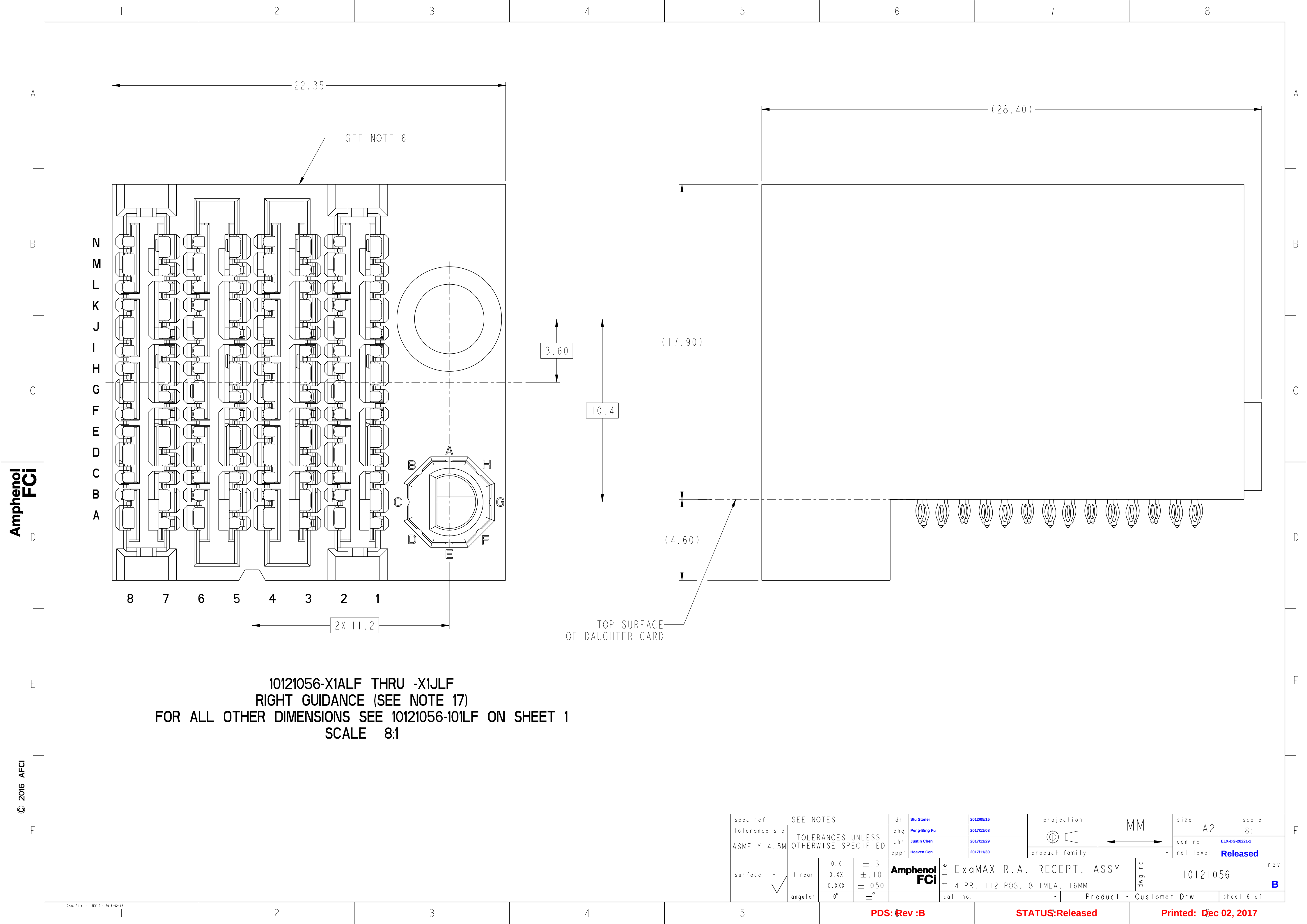
spec ref	SEE NOTES			dr	Stu Stoner	2012/09/15	projection MM	size	A2	scale	8:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2017/11/08		ecn no ELX-DG-28221-1			
ASME Y14.5M				chr	Justin Chen	2017/11/29					
				appr	Heaven Cen	2017/11/30			product family -		rel level Released
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		

Printed: Dec 02, 2017



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

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	
		✓				0.XX		±.10				4 PR, 112 POS, 8 IMLA, 16MM																							
				0.XXX		±.050																													
				angular		0°		±°				cat. no.		-		Product - Customer Drw										sheet 4 of 11									



Amphenol
FCi

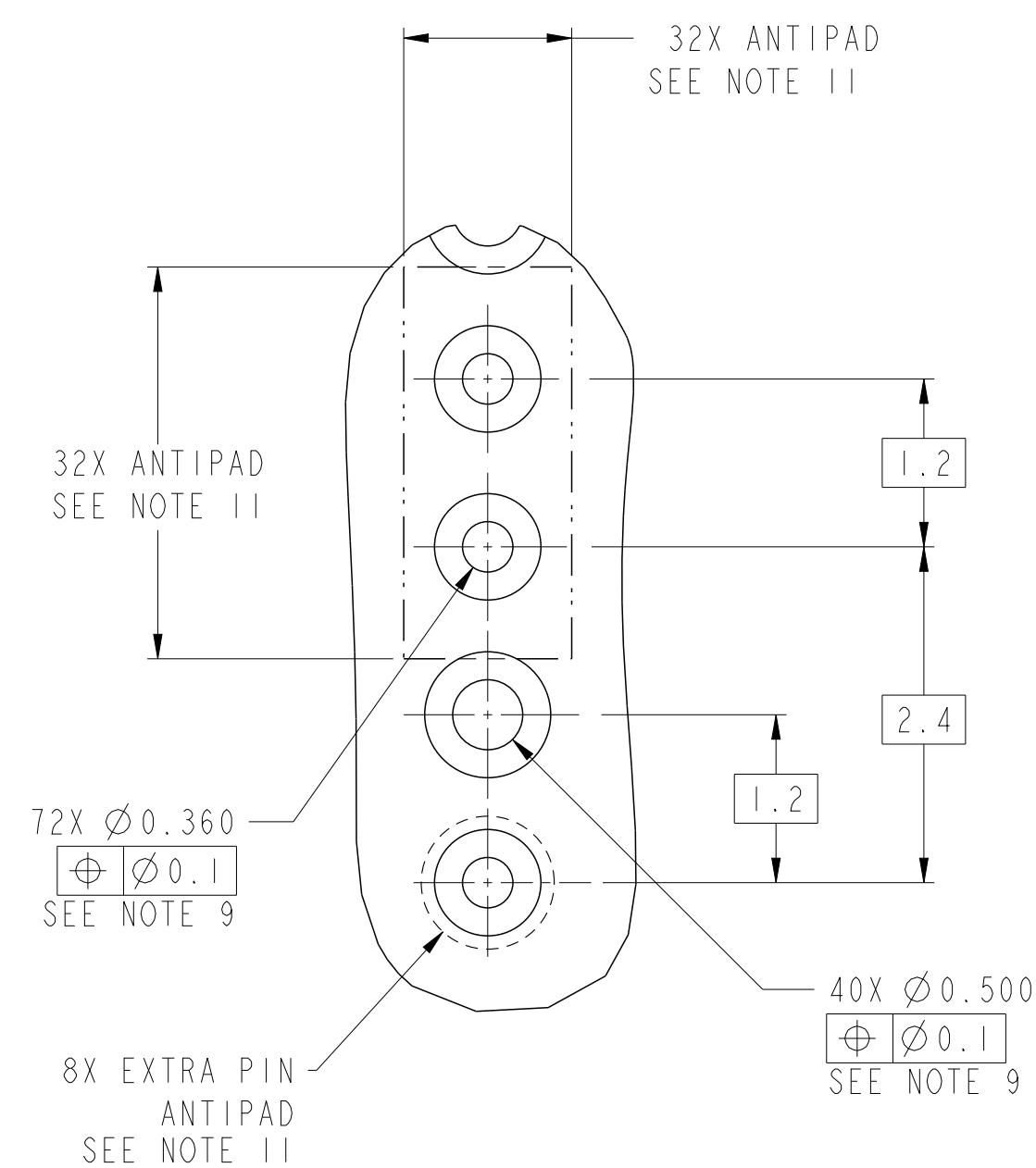
© 2016 AFCi

spec ref	SEE NOTES			dr	Stu Stoner	2012/09/15	projection			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 4 PR, 112 POS, 8 IMLA, 16MM			dwg no	10121056		rev	B
		0.XX	±.10										
		0.XXX	±.050										
	angular	0°	±°										

PDS: Rev :B

STATUS:Released

Printed: Dec 02, 2017



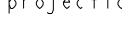
DETAIL B
SCALE 20:1

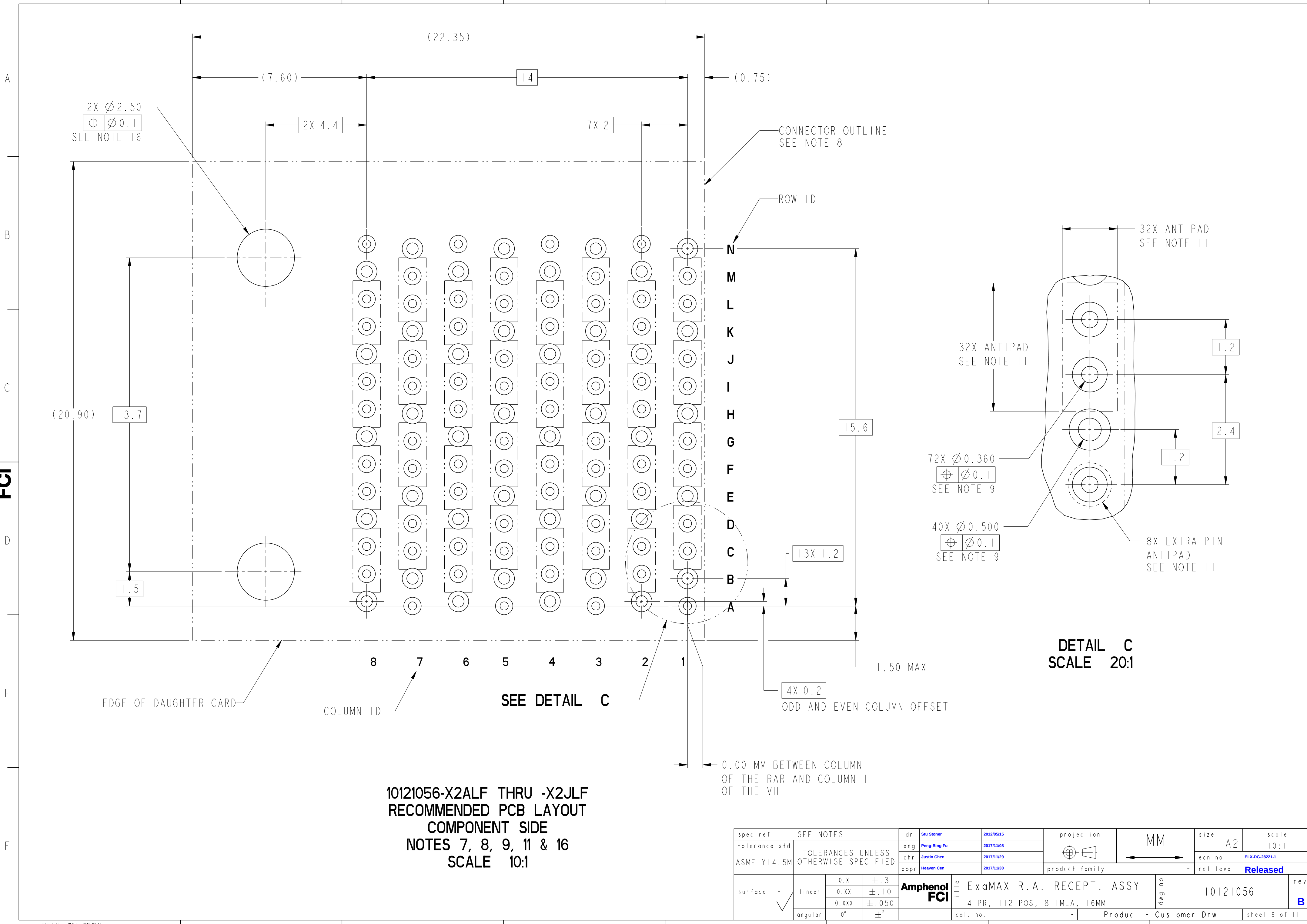
spec ref	SEE NOTES		dr	Stu Stoner	2012/05/15	projection		MM	size	A2	scale	10:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Peng-Bing Fu	2017/11/08			ecn no	ELX-DG-28221-1			
ASME Y14.5M			chr	Justin Chen	2017/11/29				rel level	Released		
surface - 	linear	0.X	±.3	Amphenol FCI	title	ExaMAX R.A. RECEPT. ASSY	dwg no	10121056	rev	B		
		0.XX	±.10									
		0.XXX	±.050									
	angular	0°	±°	cat. no.	-	Product - Customer Drw			sheet 7 of 11			

Printed: Dec 02, 2017

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			product family	-	rel level	Released	
				appr	Heaven Cen	2017/11/30							
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 8 of 11	

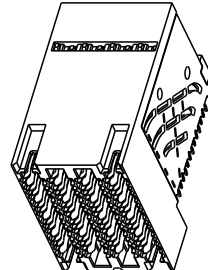
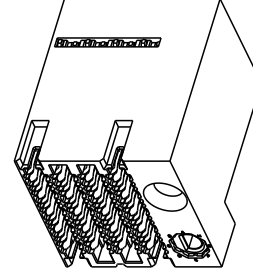
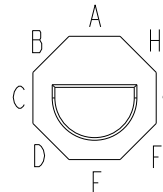
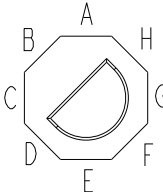
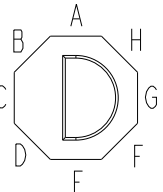
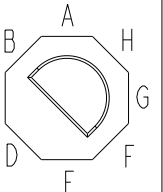
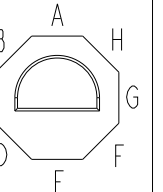
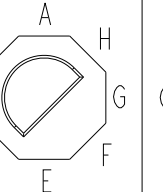
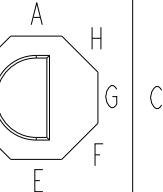
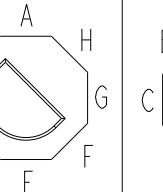
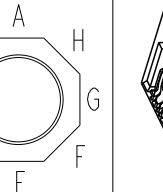
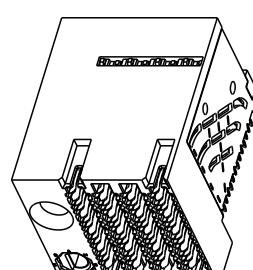
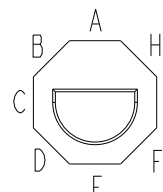
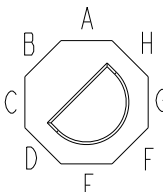
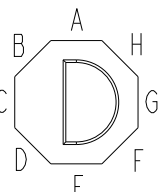
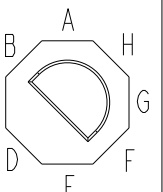
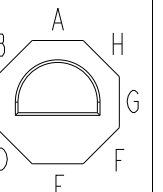
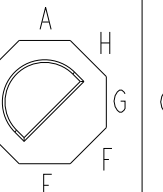
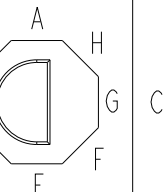
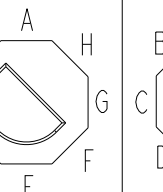
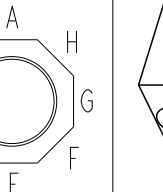


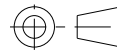
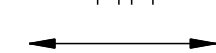
10121056-X2ALF THRU -X2JLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 10:1

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

10121056 - Y Y Y L F

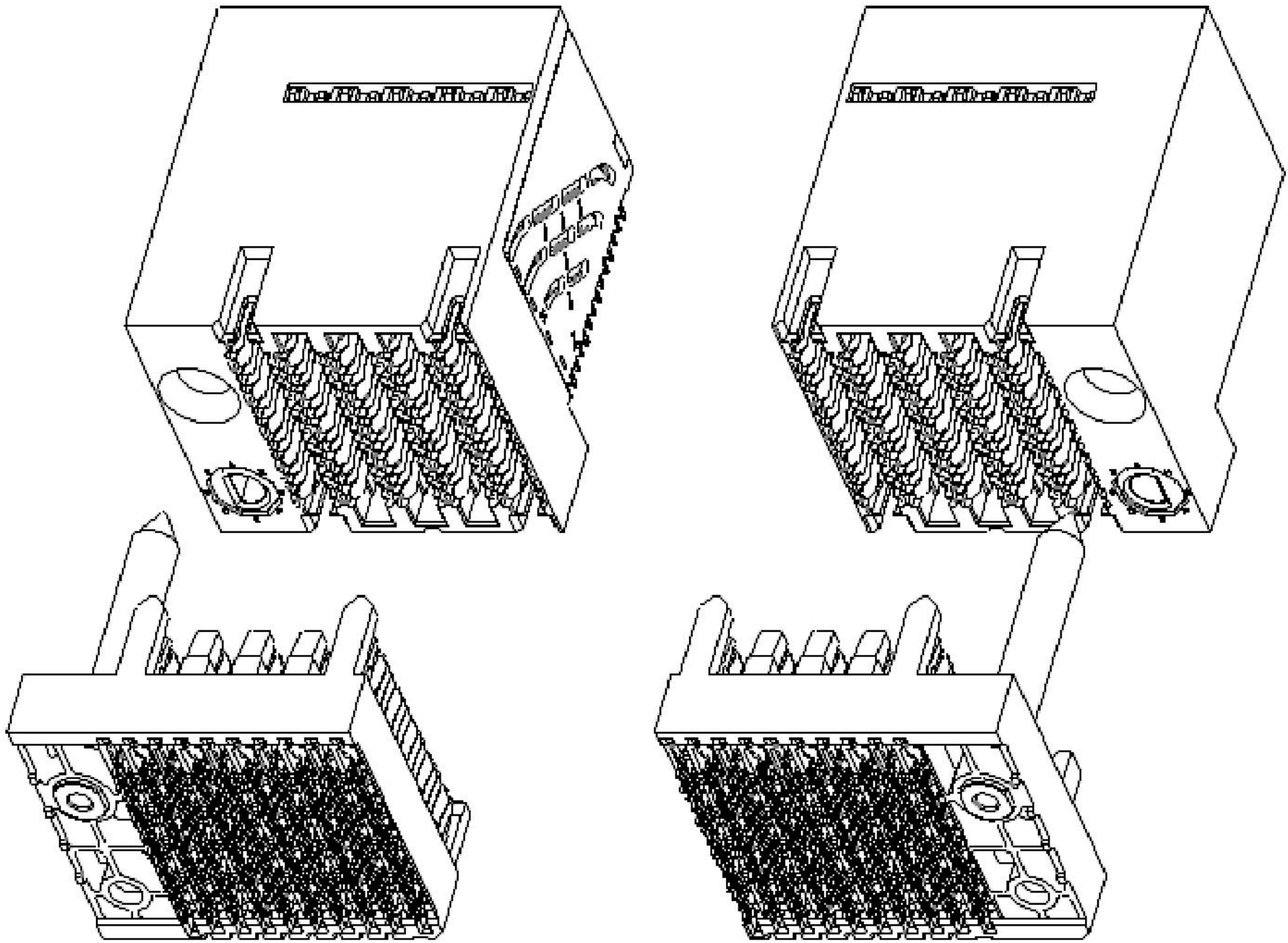
ASSEMBLY PART NUMBER	DESCRIPTION
10121056-1YYLF	STANDARD MATE
10121056-2YYLF	ADVANCED MATE
10121056-3YYLF	SHORT DETECT
10121056-4YYLF	ADVANCED MATE & SHORT DETECT

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)		
											

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										
surface - 	linear	0.X	±.3		title	ExaMAX R.A. RECEPT. ASSY				dwg no	10121056		rev	B									
		0.XX	±.10												4 PR, 112 POS, 8 IMLA, 16MM								
		0.XXX	±.050																				
	angular	0°	±°			cat. no.	SEE TABLE	Product - Customer Drw				sheet 10 of 11											

NOTES:

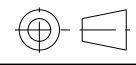
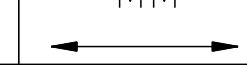
- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS 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 levelReleased		
				appr	Heaven Cen	2017/11/30						
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°	±°									

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

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Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

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moschip.ru_9