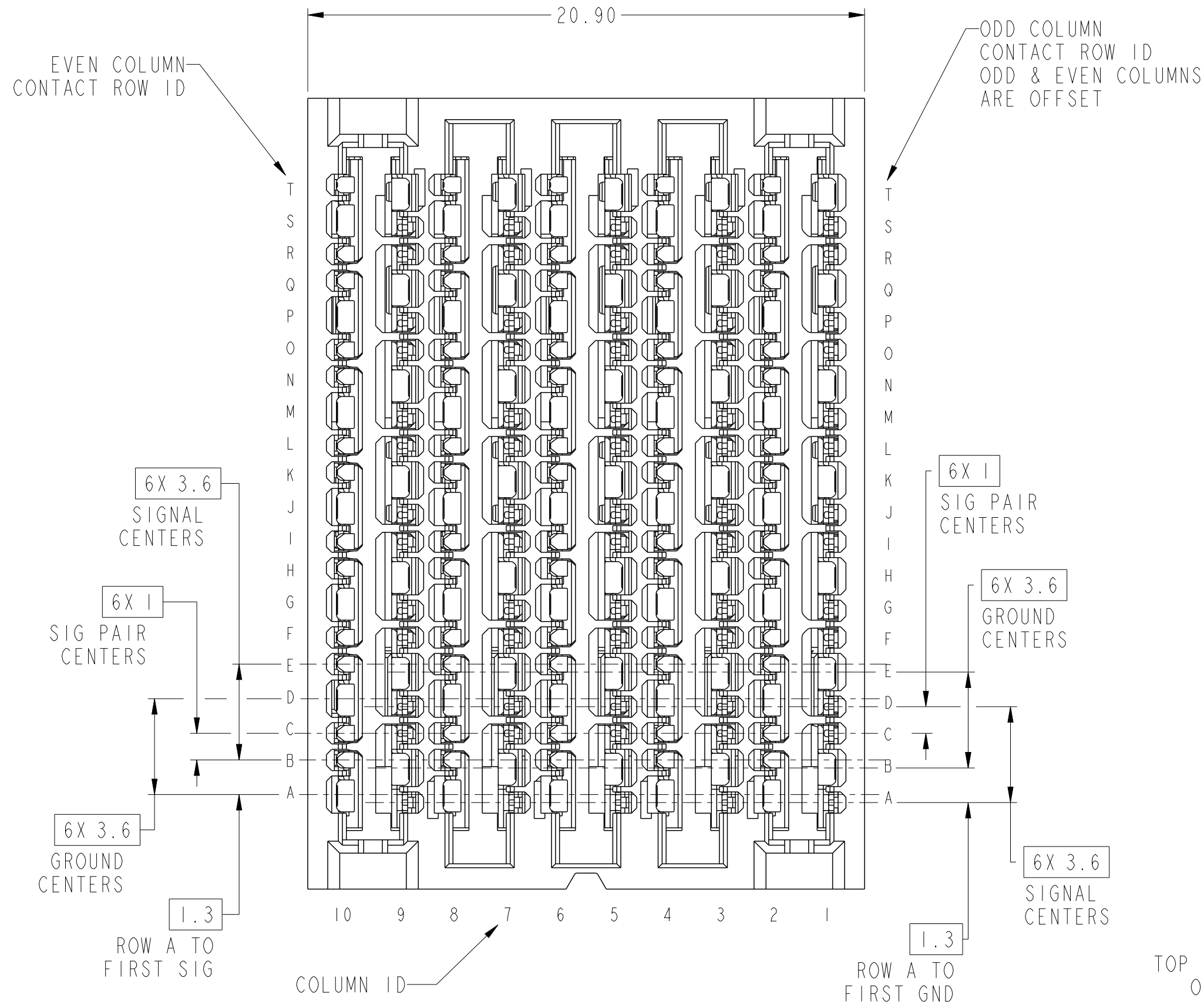
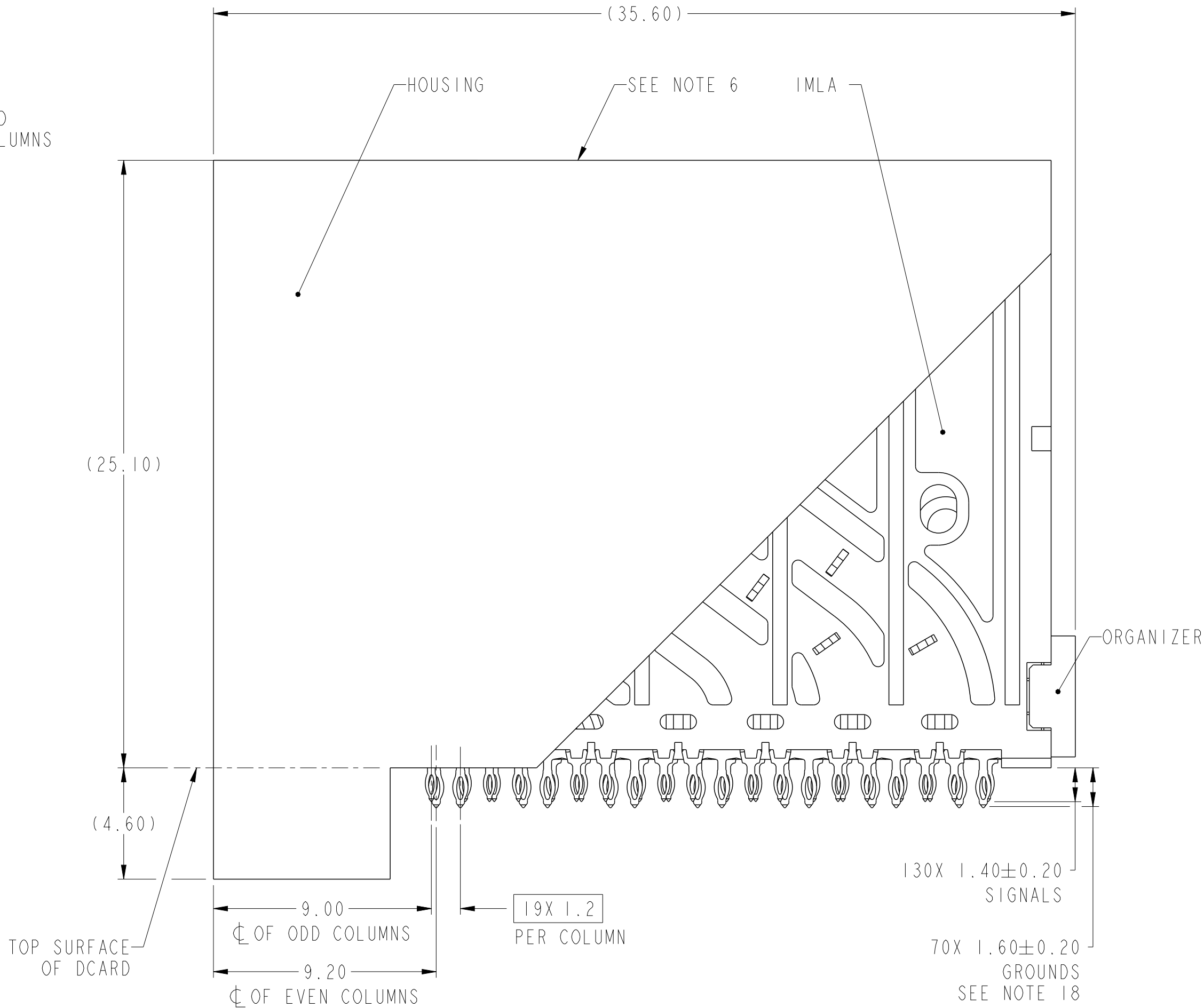
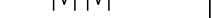


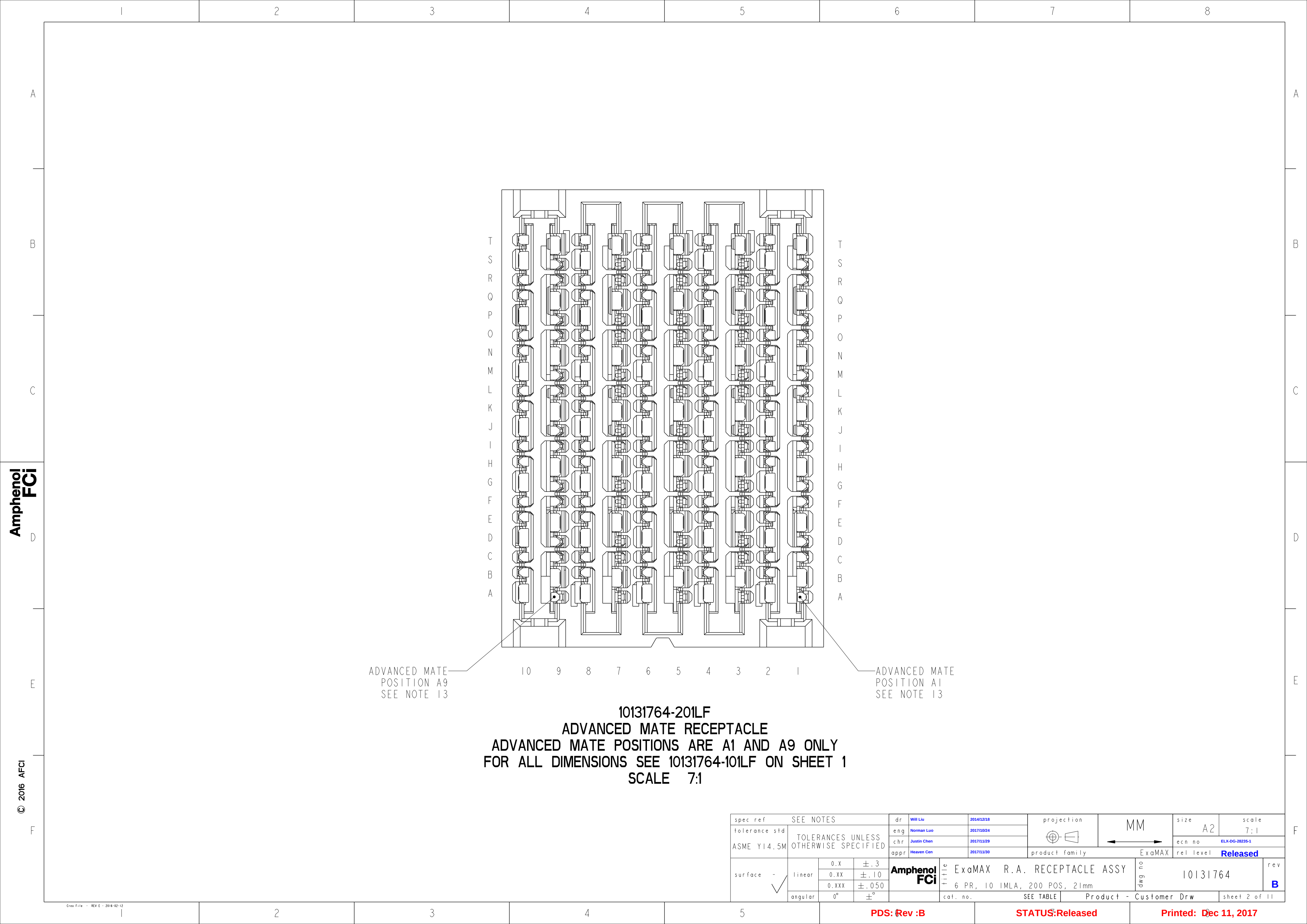
PRODUCT NUMBER
SEE TABLE



10131764-101LF
STANDARD MATE RECEPTACLE
SCALE 6:1



spec ref		SEE NOTES		dr	Will Liu	2014/12/18	projection 	MM 	size	A2	scale	6:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Norman Luo	2017/10/24			ecn no	ELX-DG-28235-1			
ASME Y14.5M				chr	Justin Chen	2017/11/29							
				appr	Heaven Cen	2017/11/30			product family		ExaMAX		
									rel level		Released		
surface	- 	linear	0.X ±.3	Amphenol FCi	title	ExaMAX R.A. RECEPTACLE ASSY 6 PR, 10 IMLA, 200 POS, 21mm			dwg no	10131764		rev	B
			0.XX ±.10										
			0.XXX ±.050										
		angular	0° ±°		cat. no.	SEE TABLE		Product - Customer Drw			sheet 1 of 11		



Amphenol
FCI

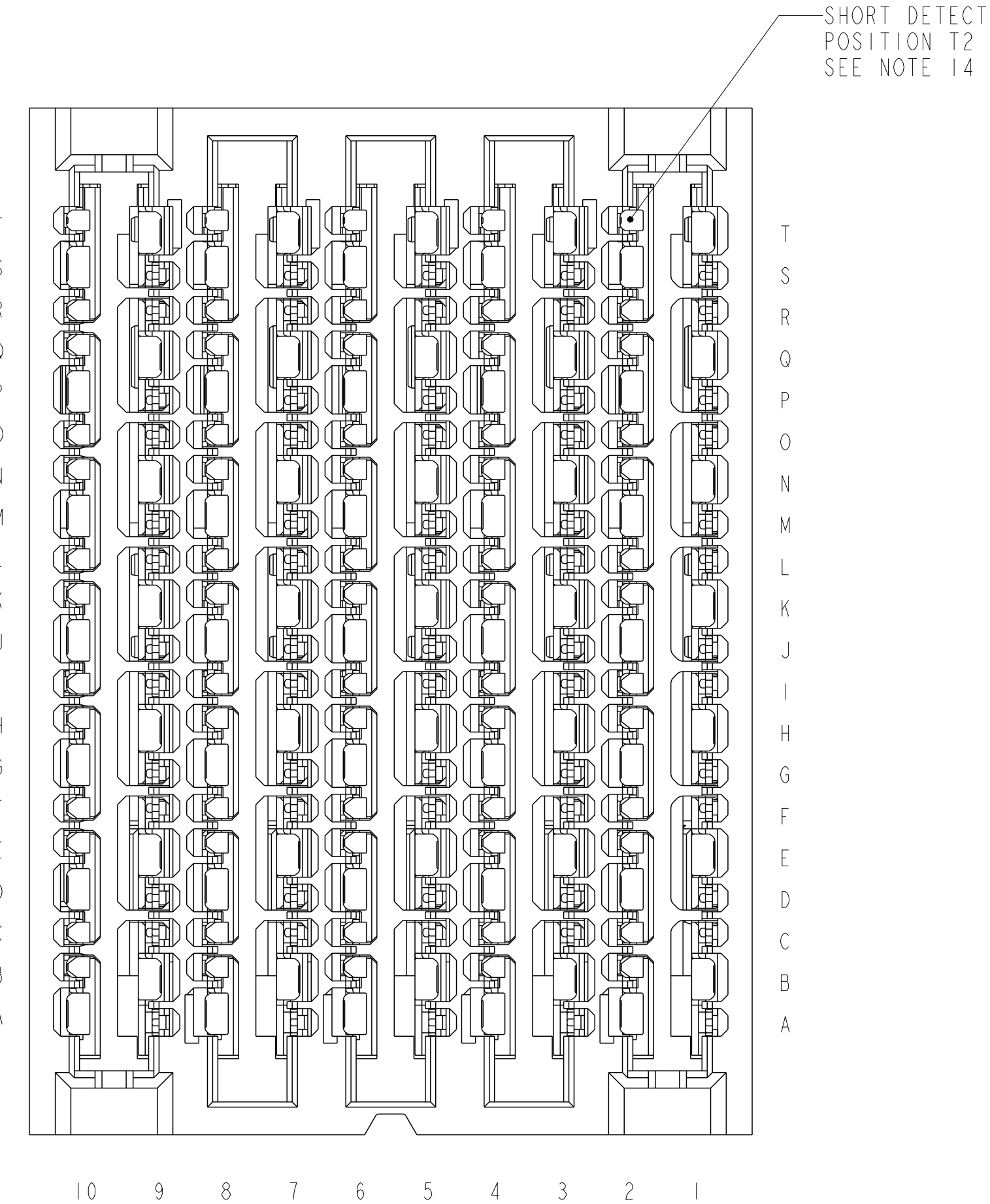
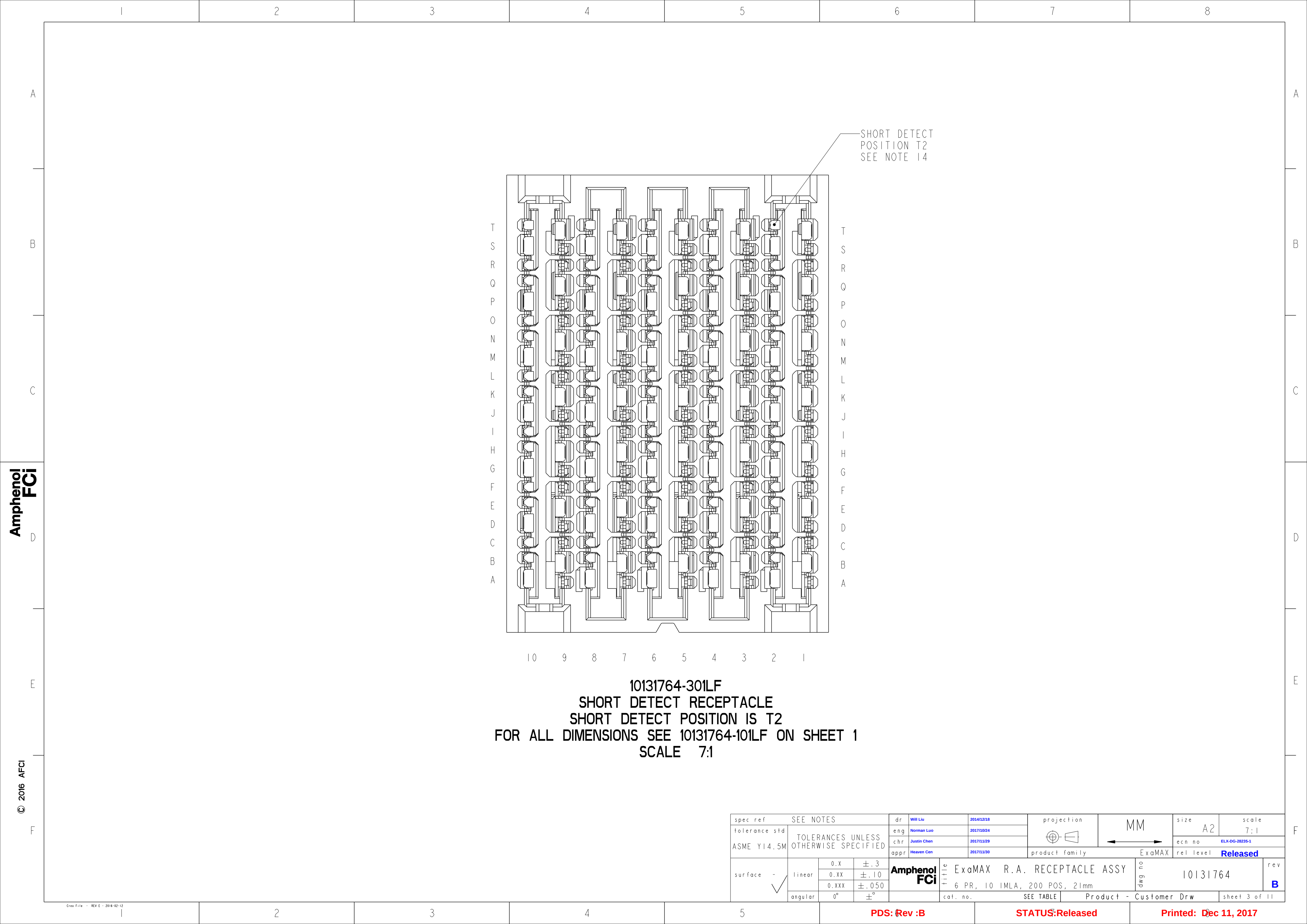
© 2016 APCI

spec ref	SEE NOTES				dr	Will Liu	2014/12/18	projection	MM	size	A2	scale	7:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Norman Luo	2017/10/24			ecn no	ELX-DG-28235-1						
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. RECEPTACLE ASSY					dwg no	10131764		rev	B
		0.XX		±.10				6 PR, 10 IMLA, 200 POS, 21mm									
		0.XXX		±.050													
		angular		0°				±°									
								cat. no.	SEE TABLE	Product - Customer Drw					sheet 2 of 11		

PDS: Rev :B

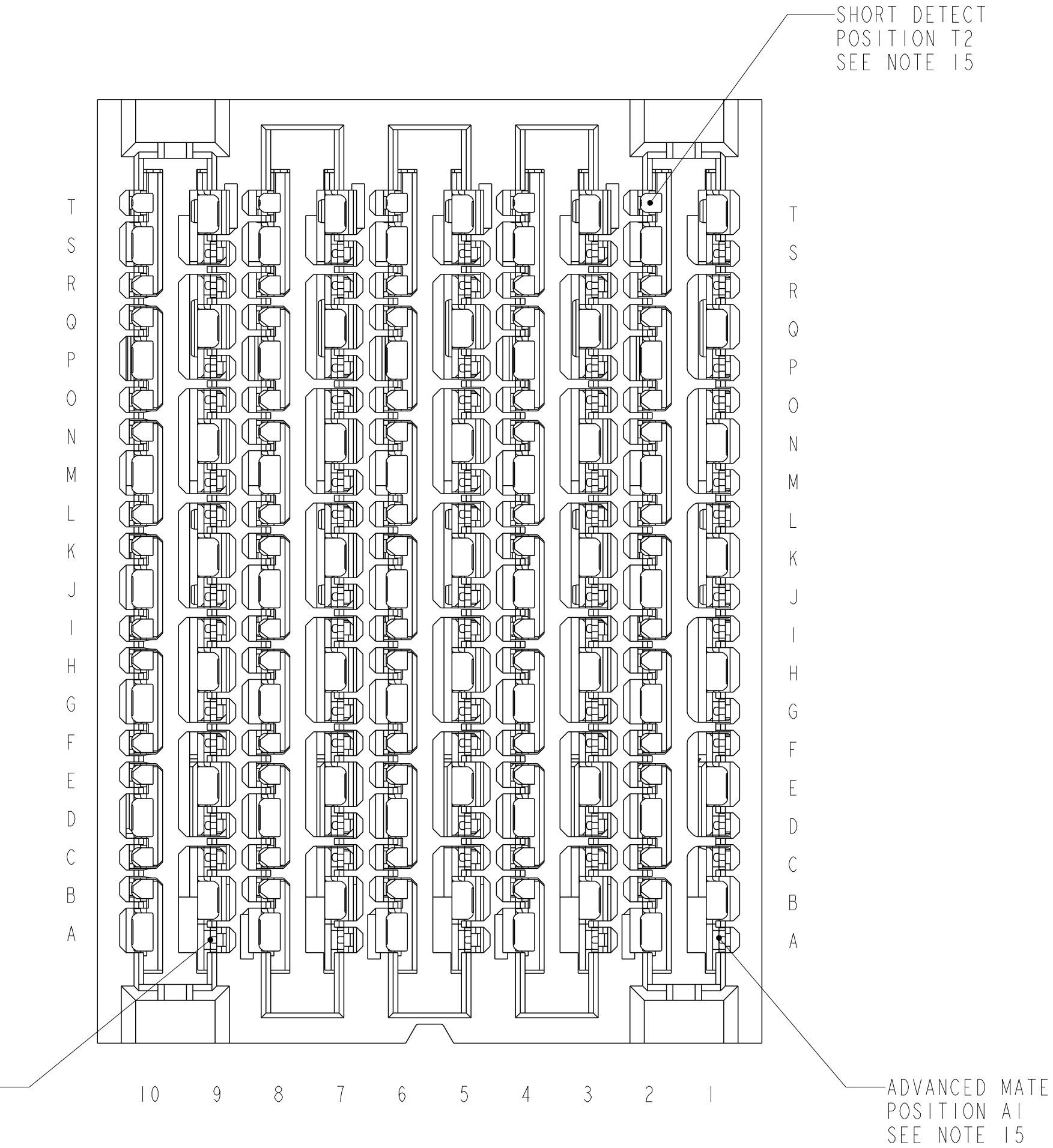
STATUS:Released

Printed: Dec 11, 2017



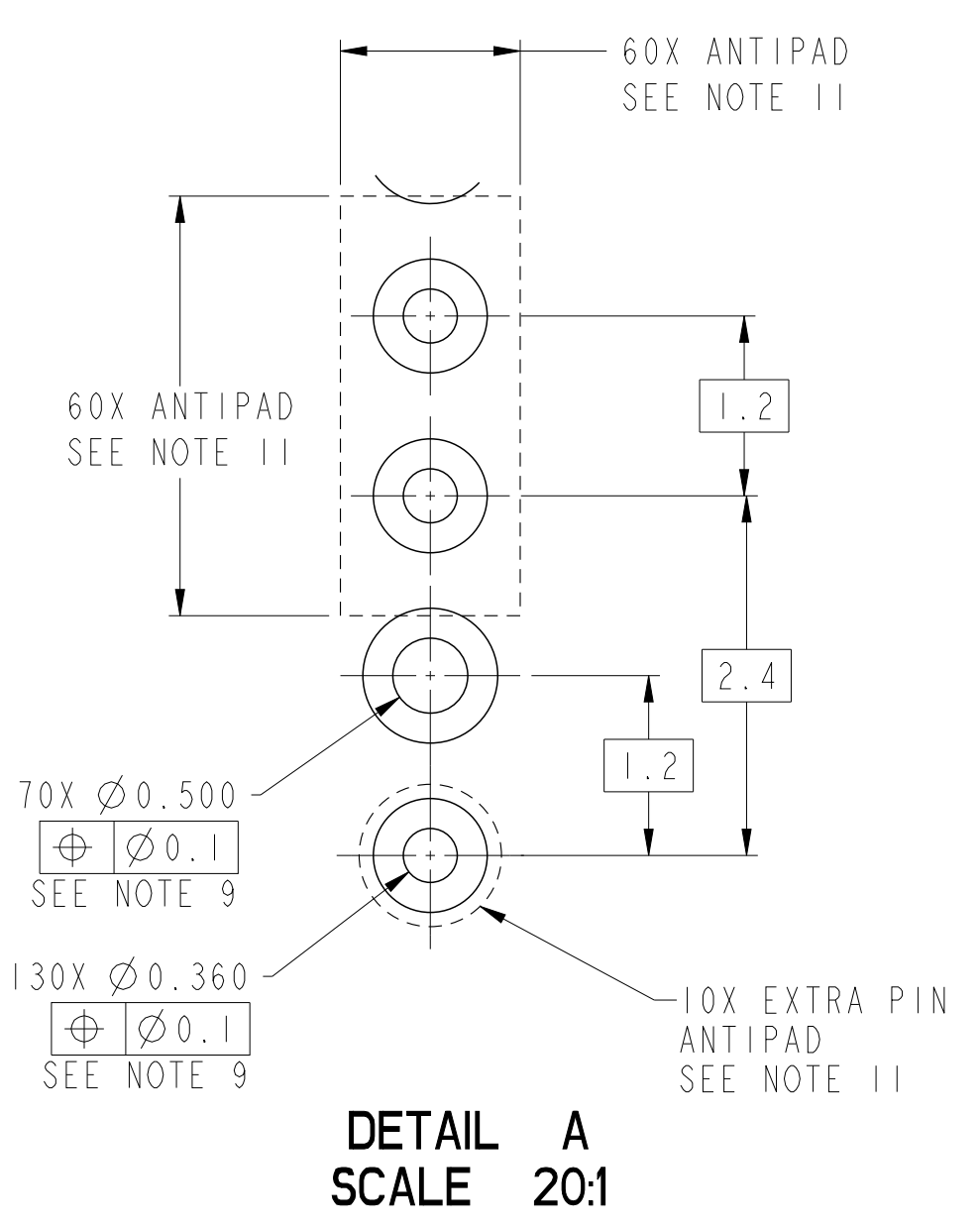
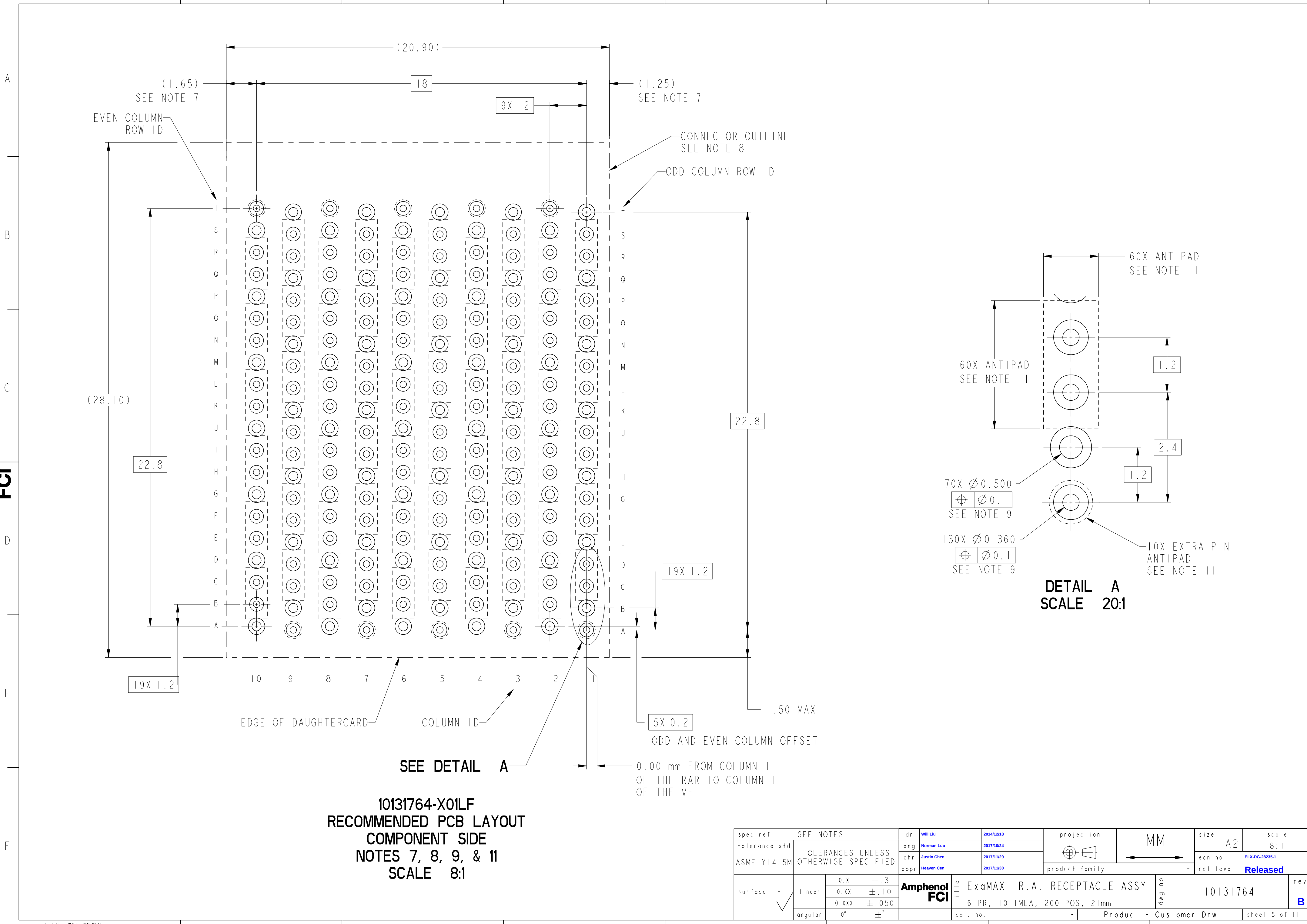
10131764-301LF
SHORT DETECT RECEPTACLE
SHORT DETECT POSITION IS T2
FOR ALL DIMENSIONS SEE 10131764-101LF ON SHEET 1
SCALE 7:1

spec ref		SEE NOTES			dr		Will Liu		2014/12/18		projection				size		A2		scale		7:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/24						ecn no		ELX-DG-28235-1					
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. RECEPTACLE ASSY		dwg no		10131764		rev		B		
				0.XX		±.10																
		angular		0°		±°																cat. no.
				0.XXX		±.050																



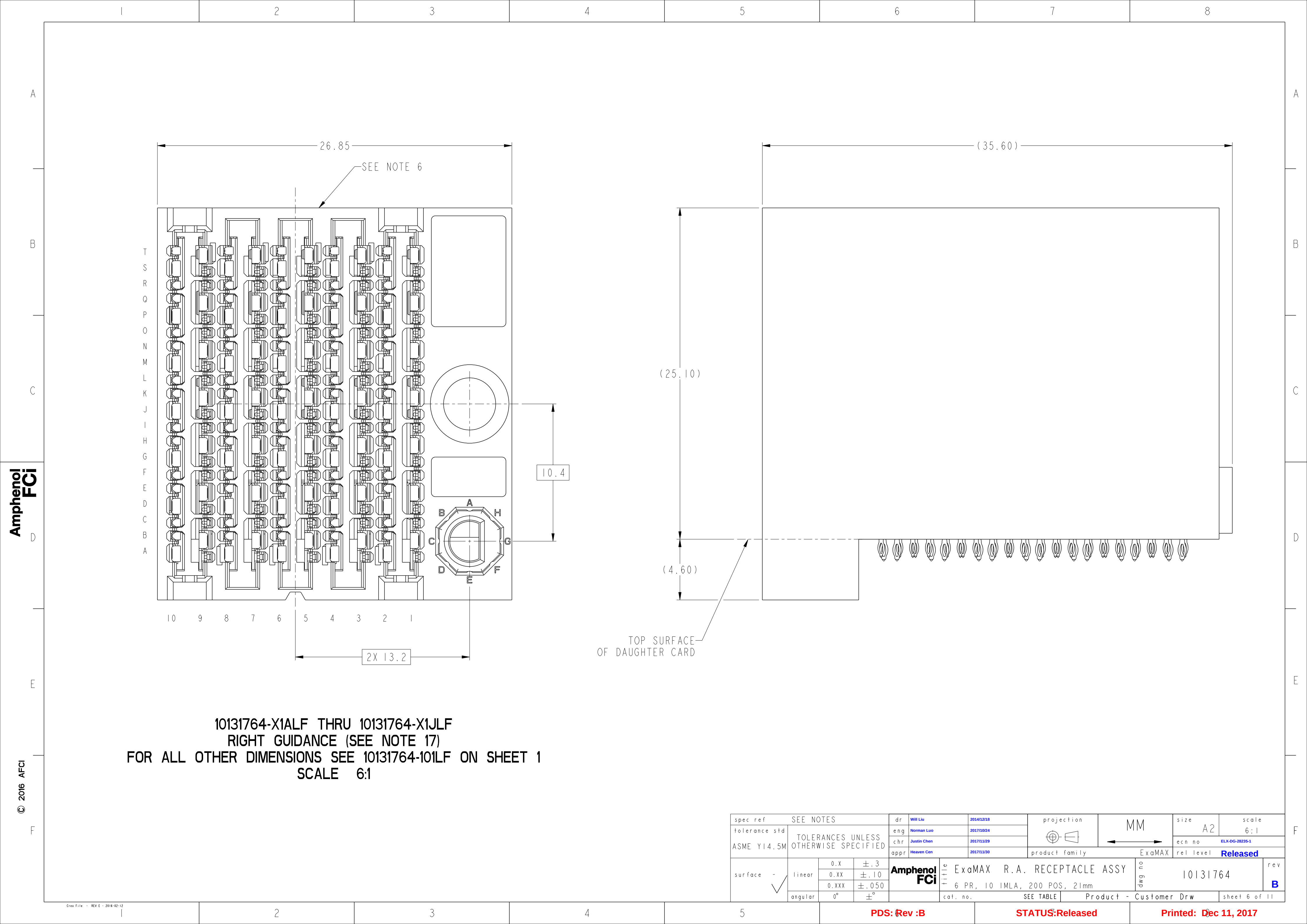
10131764-401LF
ADVANCED MATE/SHORT DETECT RECEPTACLE
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A9 ONLY
SHORT DETECT POSITION IS T2
FOR ALL DIMENSIONS SEE 10131764-101LF ON SHEET 1
SCALE 7:1

spec ref		SEE NOTES			dr		Will Liu		2014/12/18		projection		MM		size		A2		scale		7:1																
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/24						ecn no		ELX-DG-28235-1																				
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. RECEPTACLE ASSY										dwg no		10131764										rev		B	
				0.XX		±.10																															
				0.XXX		±.050																															
		angular		0°		±°						cat. no.		SEE TABLE		Product - Customer Drw										sheet 4 of 11											



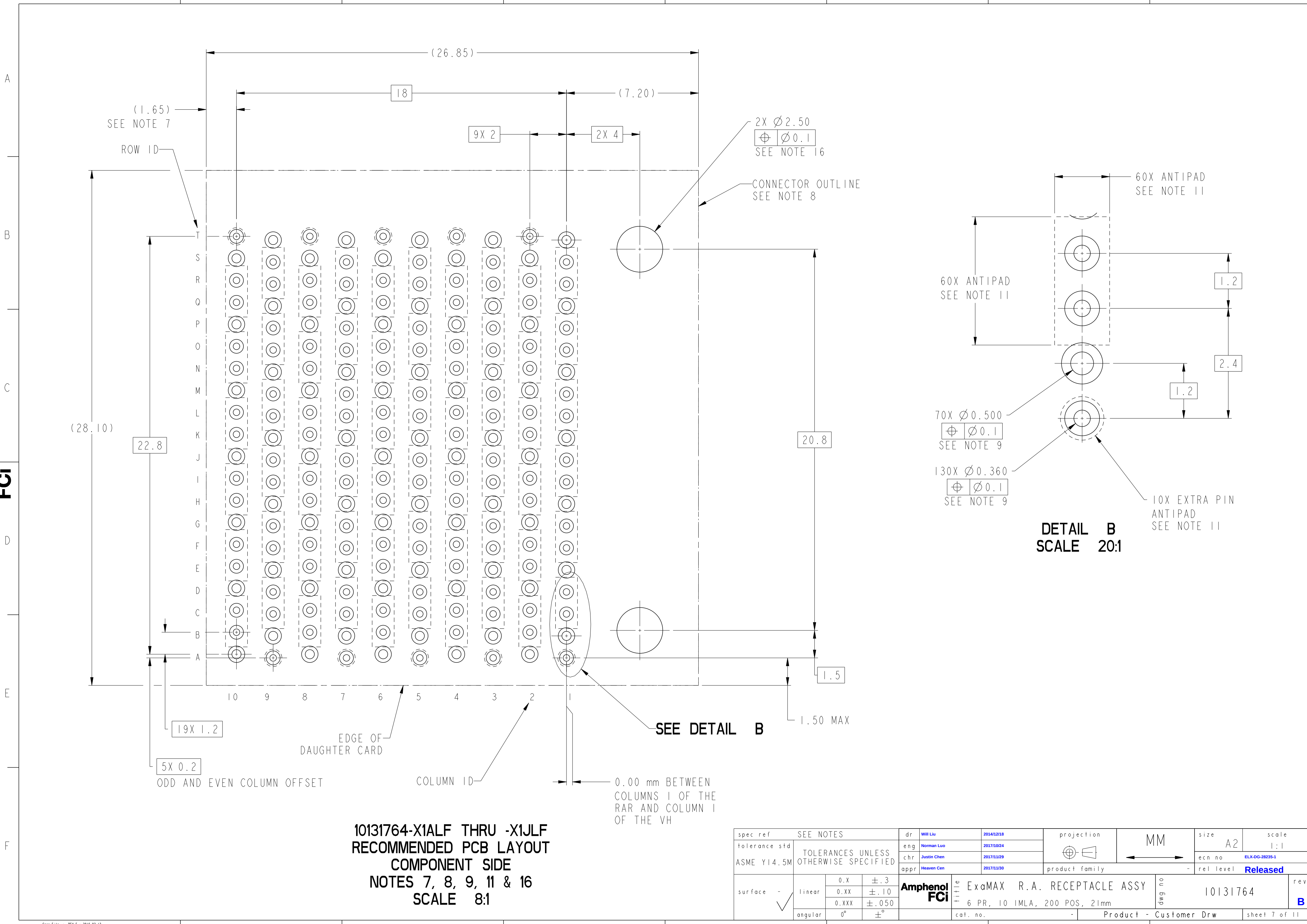
10131764-X01LF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, & 11
SCALE 8:1

spec ref		SEE NOTES			dr		Will Liu		2014/12/18		projection		MM		size		A2		scale		8:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/24						ecn no		ELX-DG-28235-1						
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. RECEPTACLE ASSY		dwg no		10131764		rev		B	
				0.XX		±.10																	
				0.XXX		±.050																	
		angular		0°		±°						cat. no.		-		Product - Customer Drw				sheet 5 of 11			



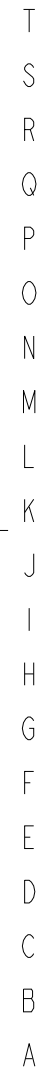
10131764-X1ALF THRU 10131764-X1JLF
RIGHT GUIDANCE (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE 10131764-101LF ON SHEET 1
SCALE 6:1

spec ref		SEE NOTES			dr		Will Liu		2014/12/18		projection		MM		size		A2		scale		6:1														
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/24						ecn no		ELX-DG-28235-1																		
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. RECEPTACLE ASSY 6 PR, 10 IMLA, 200 POS, 21mm								dwg no		10131764								rev		B	
				0.XX		±.10																													
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		angular		0°		±°						cat. no.		SEE TABLE				Product - Customer Drw								sheet 6 of 11									

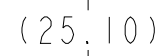


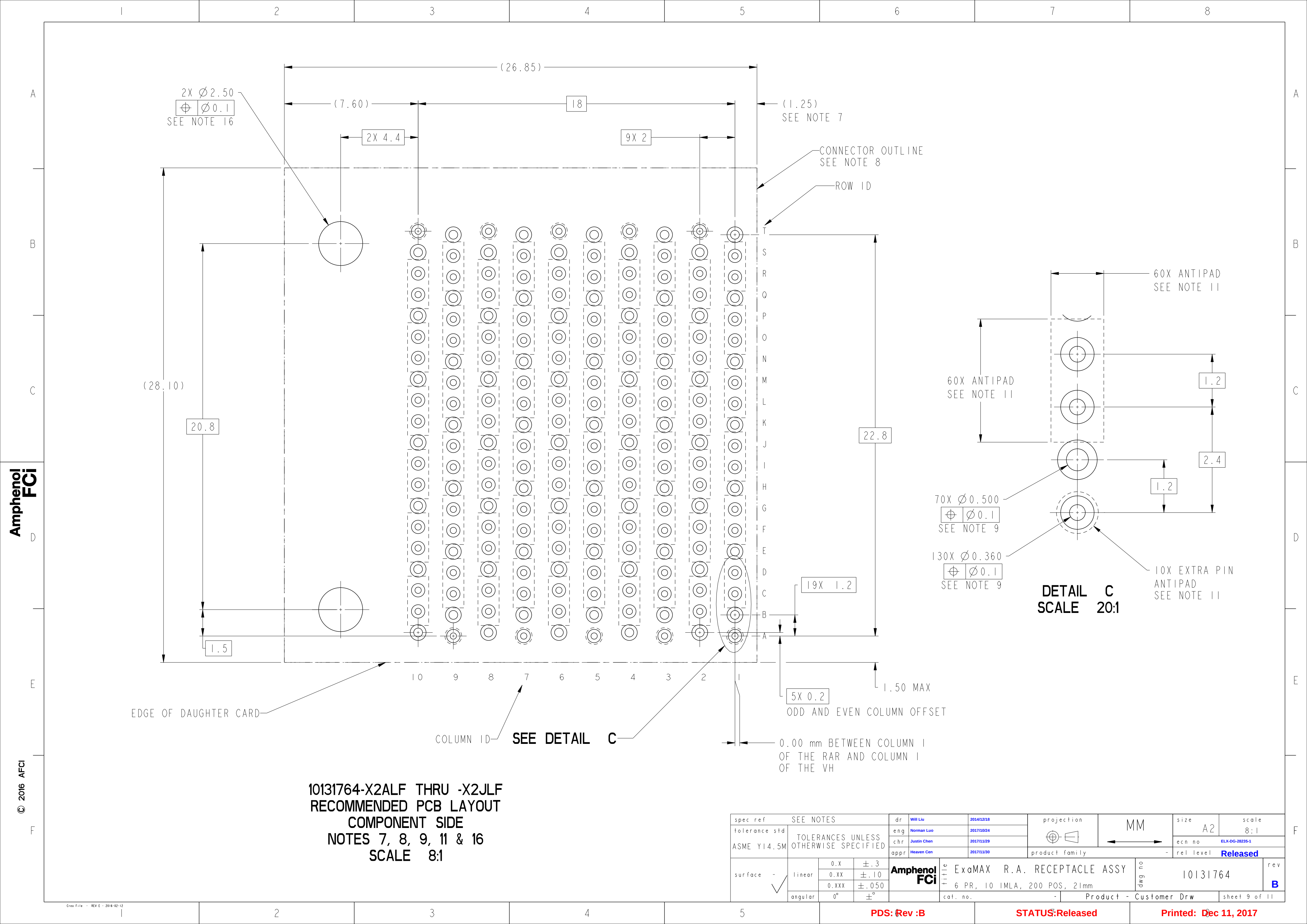
10131764-X1ALF THRU -X1JLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 8:1

spec ref		SEE NOTES			dr		Will Liu		2014/12/18		projection		MM		size		A2		scale		1:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/24						ecn no		ELX-DG-28235-1						
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. RECEPTACLE ASSY		dwg no		10131764		rev		B	
				0.XX		±.10																	
				0.XXX		±.050																	
		angular		0°		±°						cat. no.		-		Product - Customer Drw				sheet 7 of 11			



TOP SURFACE
OF DAUGHTER CARD

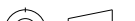
Printed: Dec 11, 2017



Amphenol
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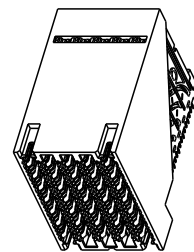
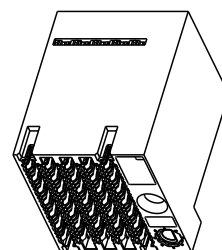
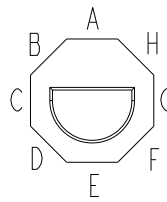
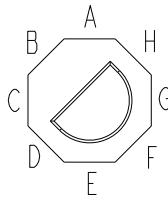
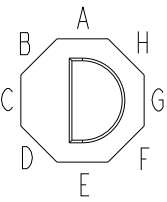
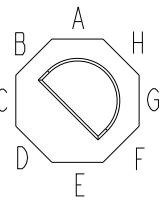
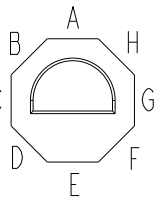
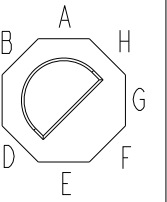
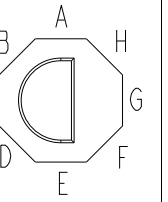
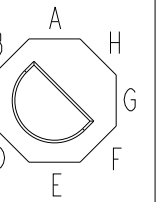
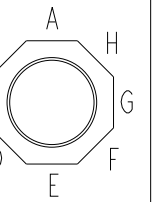
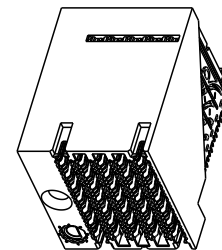
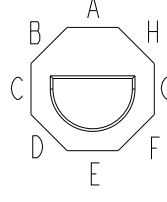
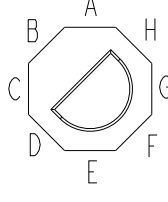
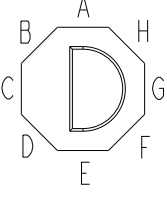
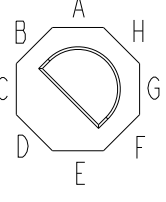
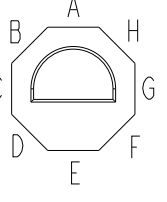
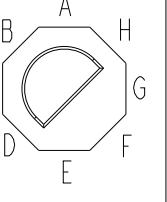
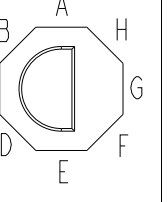
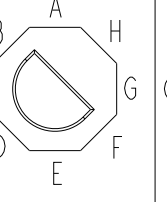
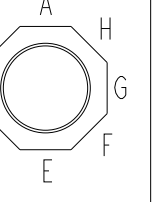
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10131764-X2ALF THRU -X2JLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 8:1

spec ref	SEE NOTES			dr	Will Liu	2014/12/18	projection 	MM 	size	A2	scale	8:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Norman Luo	2017/10/24			ecn no	ELX-DG-28235-1			
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. RECEPTACLE ASSY			dwg no	10131764		rev	B
		0.XX	±.10										
		0.XXX	±.050										
	angular	0°	±°			cat. no.		-		Product - Customer Drw			sheet 9 of 11

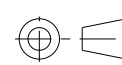
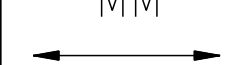
10131764 - Y Y Y L F

ASSEMBLY PART NUMBER	DESCRIPTION
10131764-1YYLF	STANDARD MATE
10131764-2YYLF	ADVANCED MATE
10131764-3YYLF	SHORT DETECT
10131764-4YYLF	ADVANCED MATE & SHORT DETECT

MODULE DESCRIPTION	DESIGNATION REPRESENTED IN DASH NUMBER									BASE MODEL
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)	
										

Amphenol
FCi

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spec ref	SEE NOTES				dr	Will Liu	2014/12/18			size	A2	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Norman Luo	2017/10/24			ecn no				ELX-DG-28235-1	
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		title	ExaMAX R.A. RECEPTACLE ASSY 6 PR, 10 IMLA, 200 POS, 21mm				dwg no	10131764		rev	B
			0.XX	±.10											
			0.XXX	±.050											
		angular	0°	±°				cat. no.	-	Product - Customer Drw					

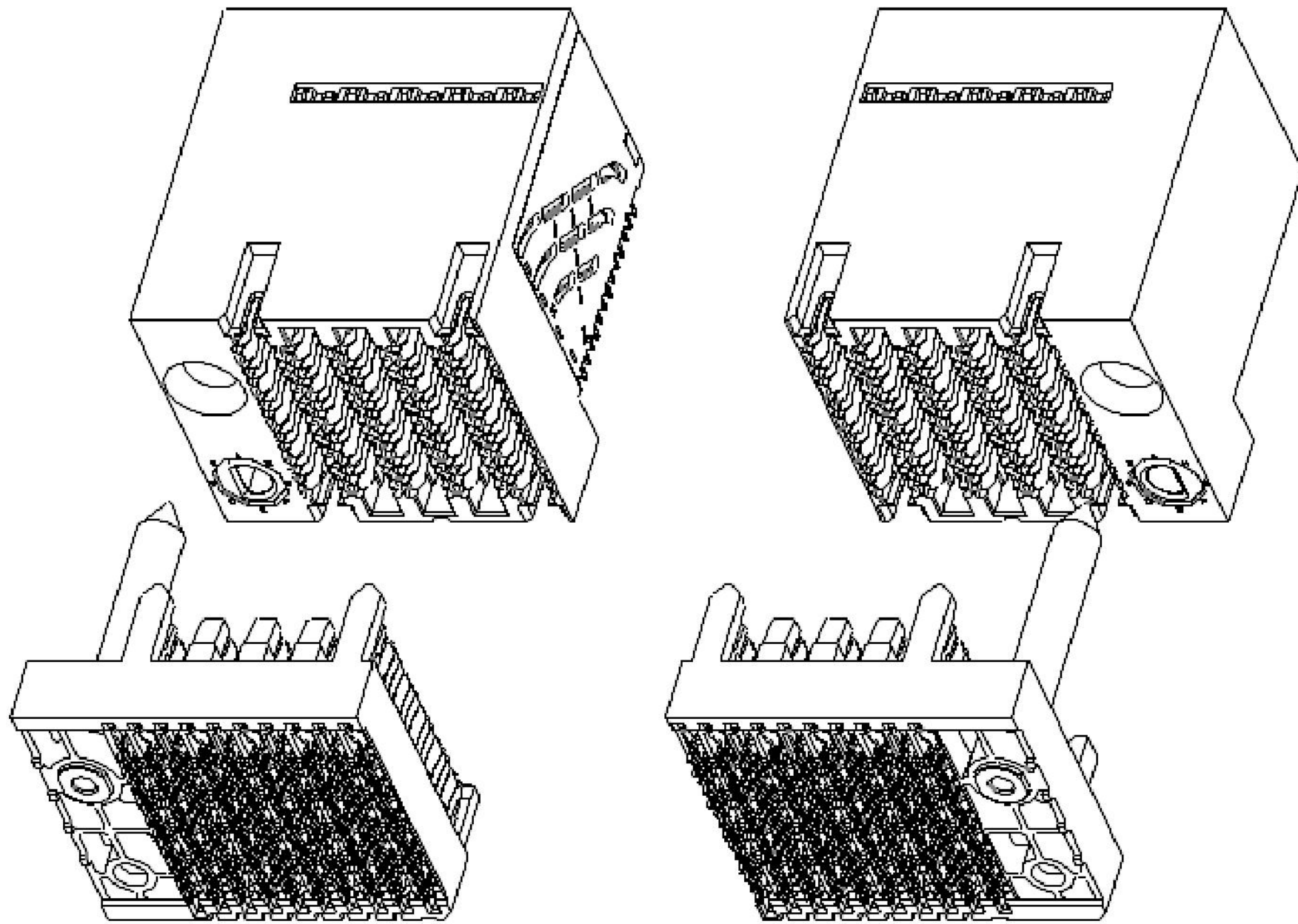
PDS: Rev :B

STATUS:Released

Printed: Dec 11, 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, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- 7 - THE MINIMUM VIA SPACING BETWEEN STACKED CONNECTORS IS 3.0 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, 10131764-2XXLF, 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, 10131764-3XXLF, 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 ADVANCE MATE/SHORT DETECT RECEPTACLE, 10131764-4XXLF, 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 WITHIN A COLUMN ARE COMMONED.



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		Will Liu		2014/12/18		projection		MM		size		A2		scale		6:1																
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/24						ecn no		ELX-DG-28235-1																				
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. RECEPTACLE ASSY 6 PRX, 10 IMLA, 200 POS, 21mm										dwg no		10131764										rev		B	
				0.XX		±.10																															
				0.XXX		±.050																															
				angular		0°		±°		cat. no.		SEE TABLE		Product - Customer Drw										sheet 11 of 11													

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

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