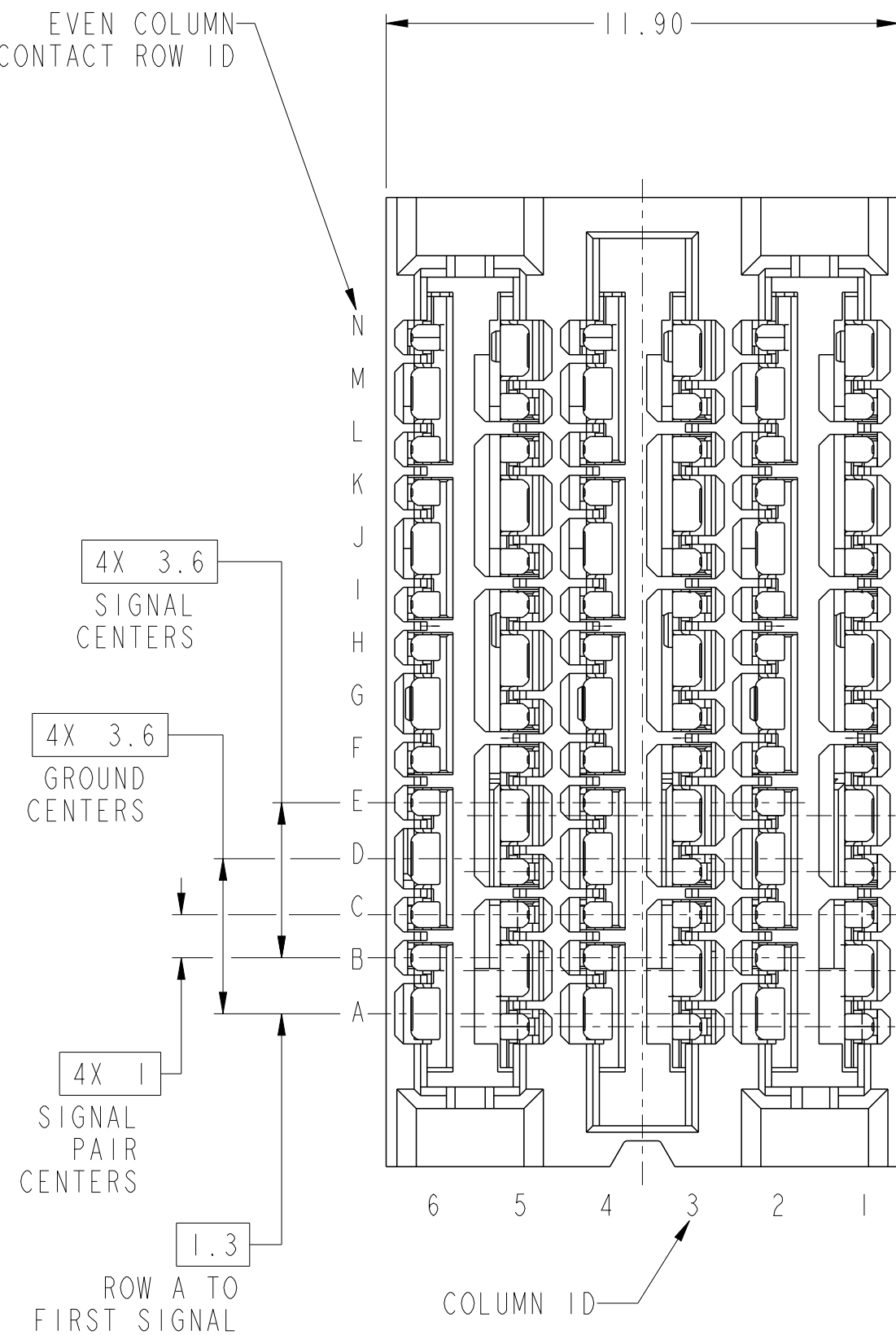
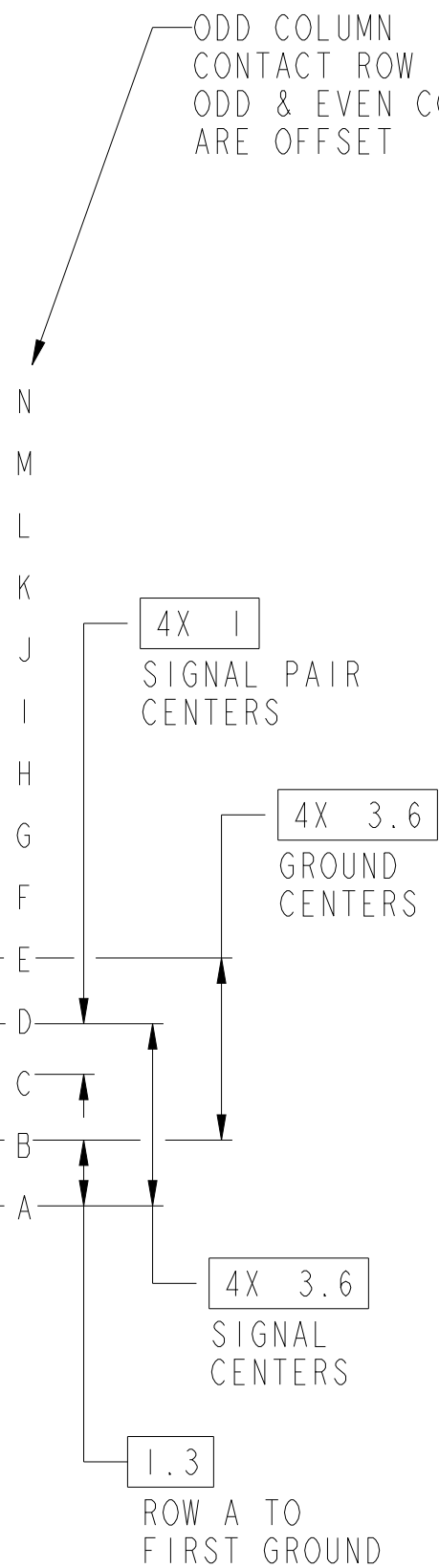


PRODUCT NUMBER
SEE TABLE

EVEN COLUMN
CONTACT ROW ID

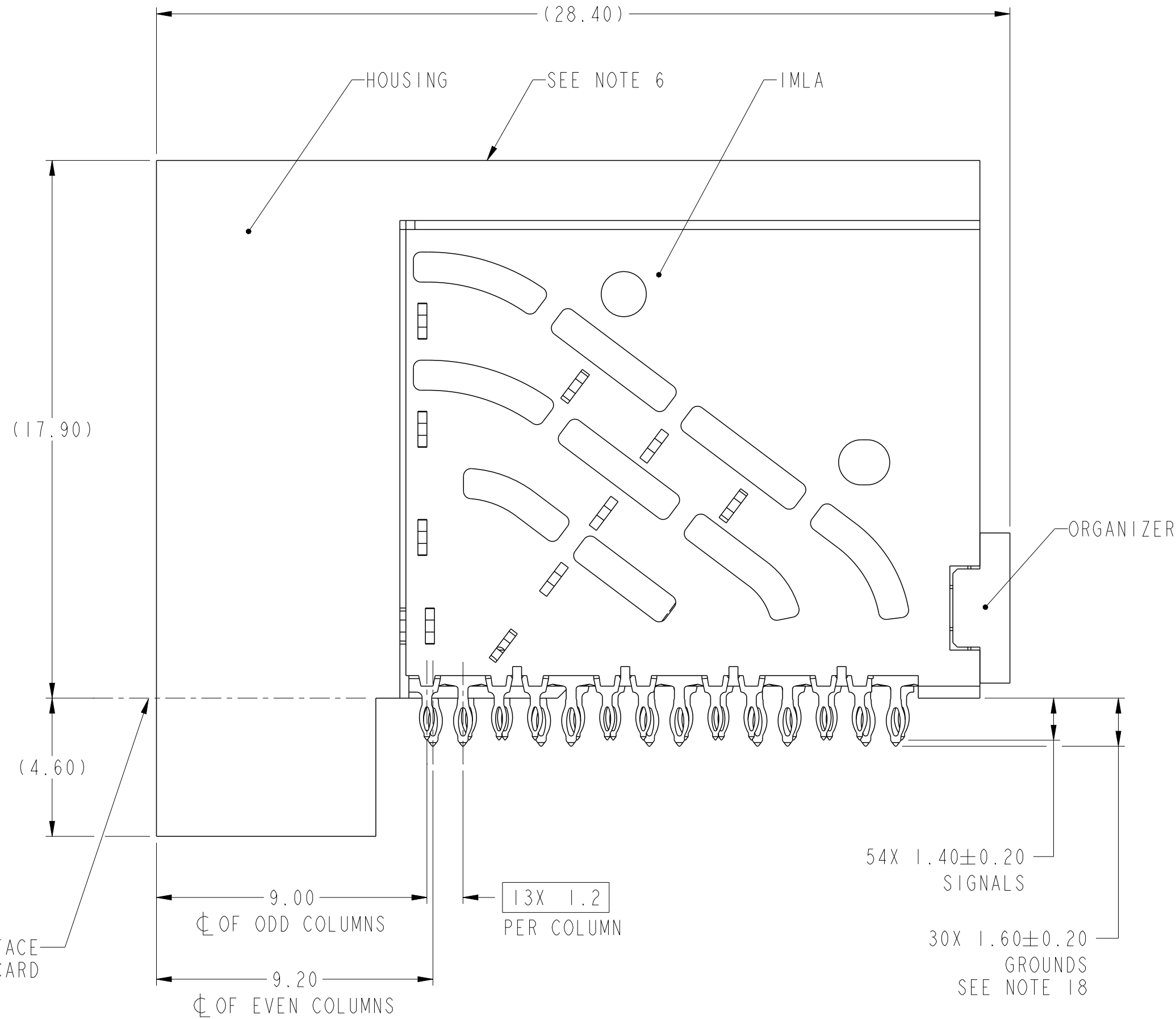


ODD COLUMN
CONTACT ROW ID
ODD & EVEN COLUMNS
ARE OFFSET

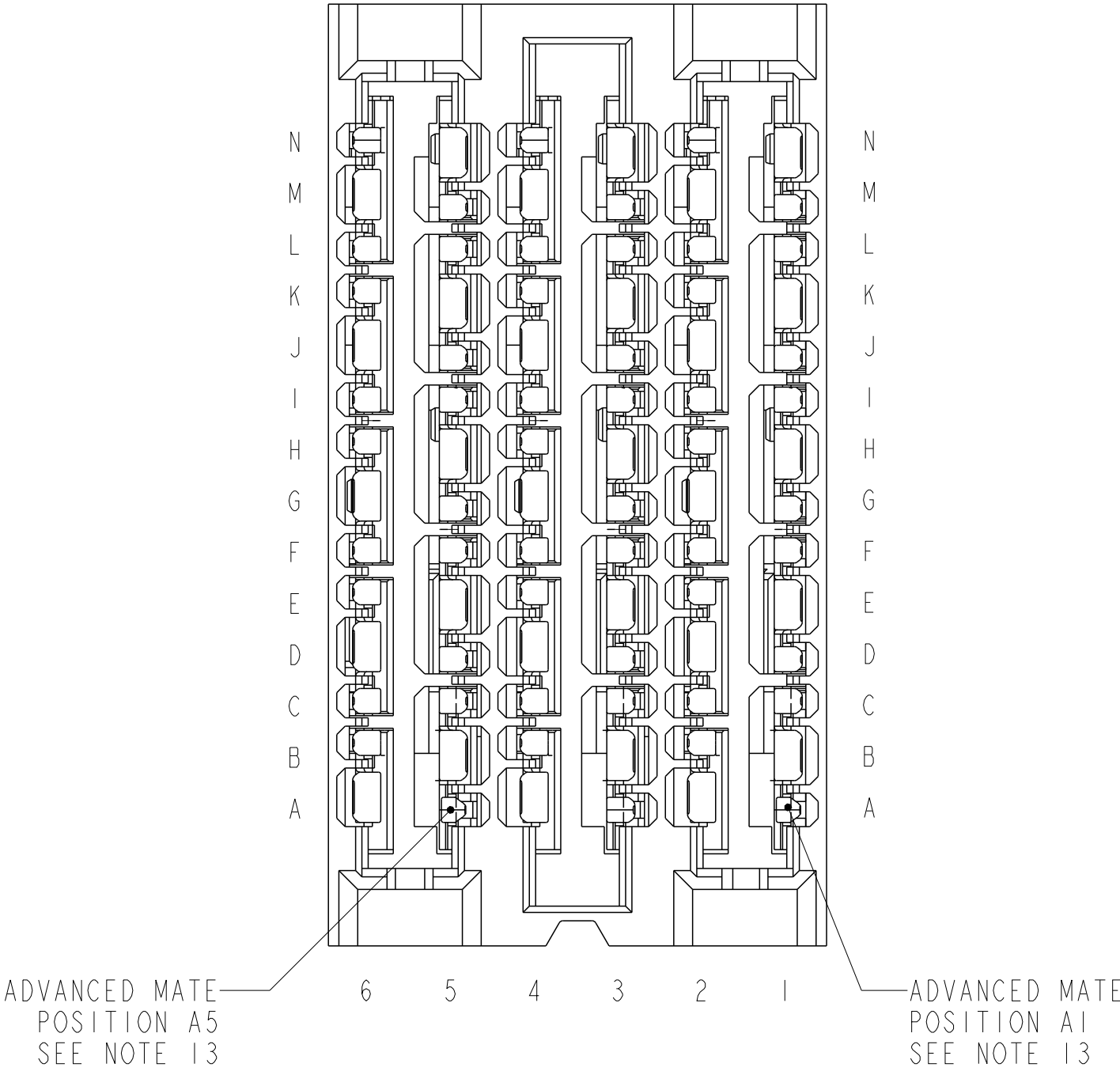


10125055-101LF
STANDARD MATE RECEPTACLE

TOP SURFACE
OF DCARD

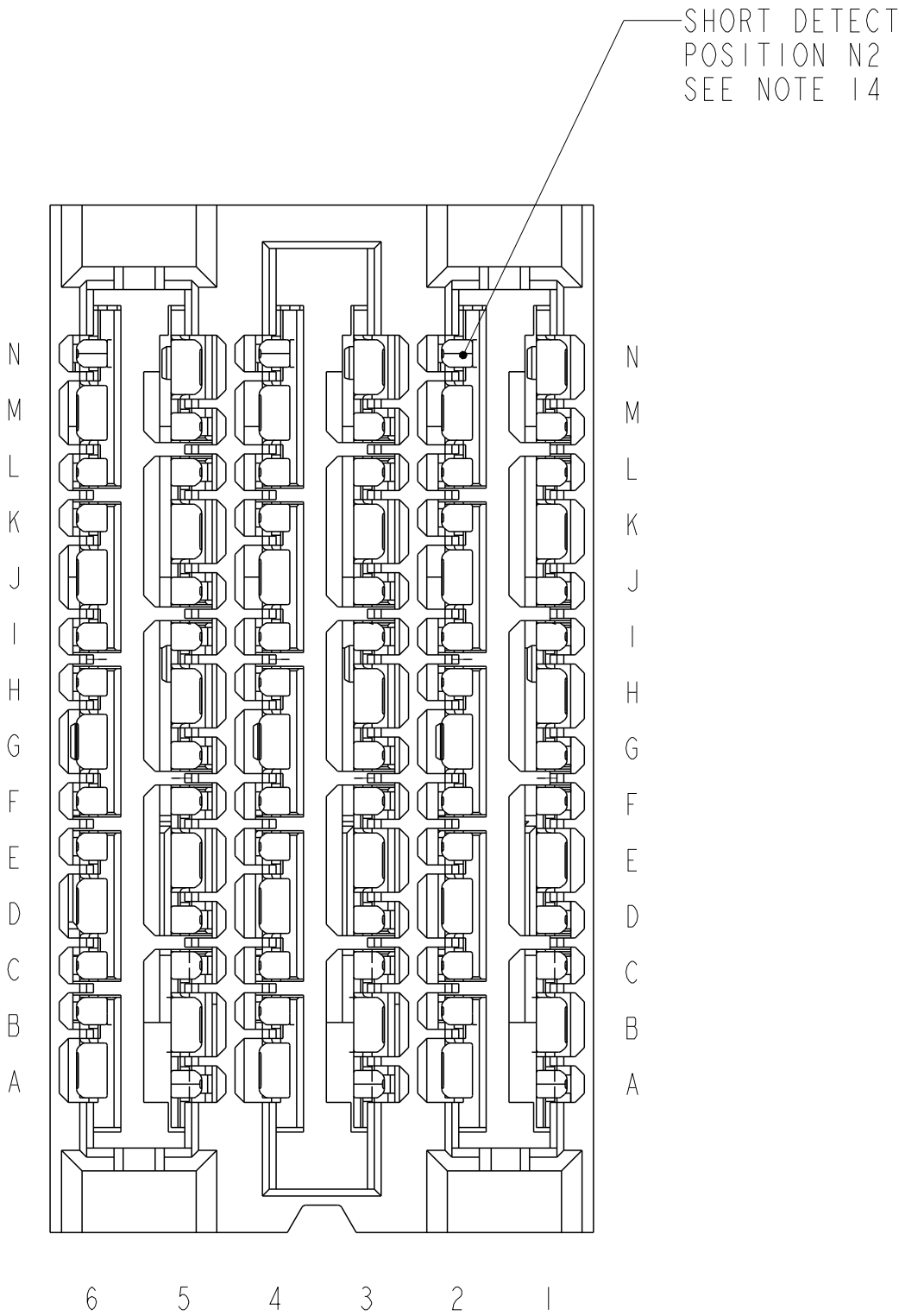


spec ref	SEE NOTES	dr	N Eppley	2013/04/23	projection	MM	size	A2	scale	7:1
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/08	chr	Justin Chen	ecn no	ELX-DG-28221-1	rel level	Released
surface	-	appr	Heaven Cen	2017/11/30	product family	ExaMax	cat. no.	10125055	Product - Customer Drw	sheet 1 of 10
linear	0.X ±.3 0.XX ±.10 0.XXX ±.050	Amphenol FCi	title	ExaMAX R.A. RECEPTACLE ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM	dwg no	10125055	rev	B		
angular	0° ±°									



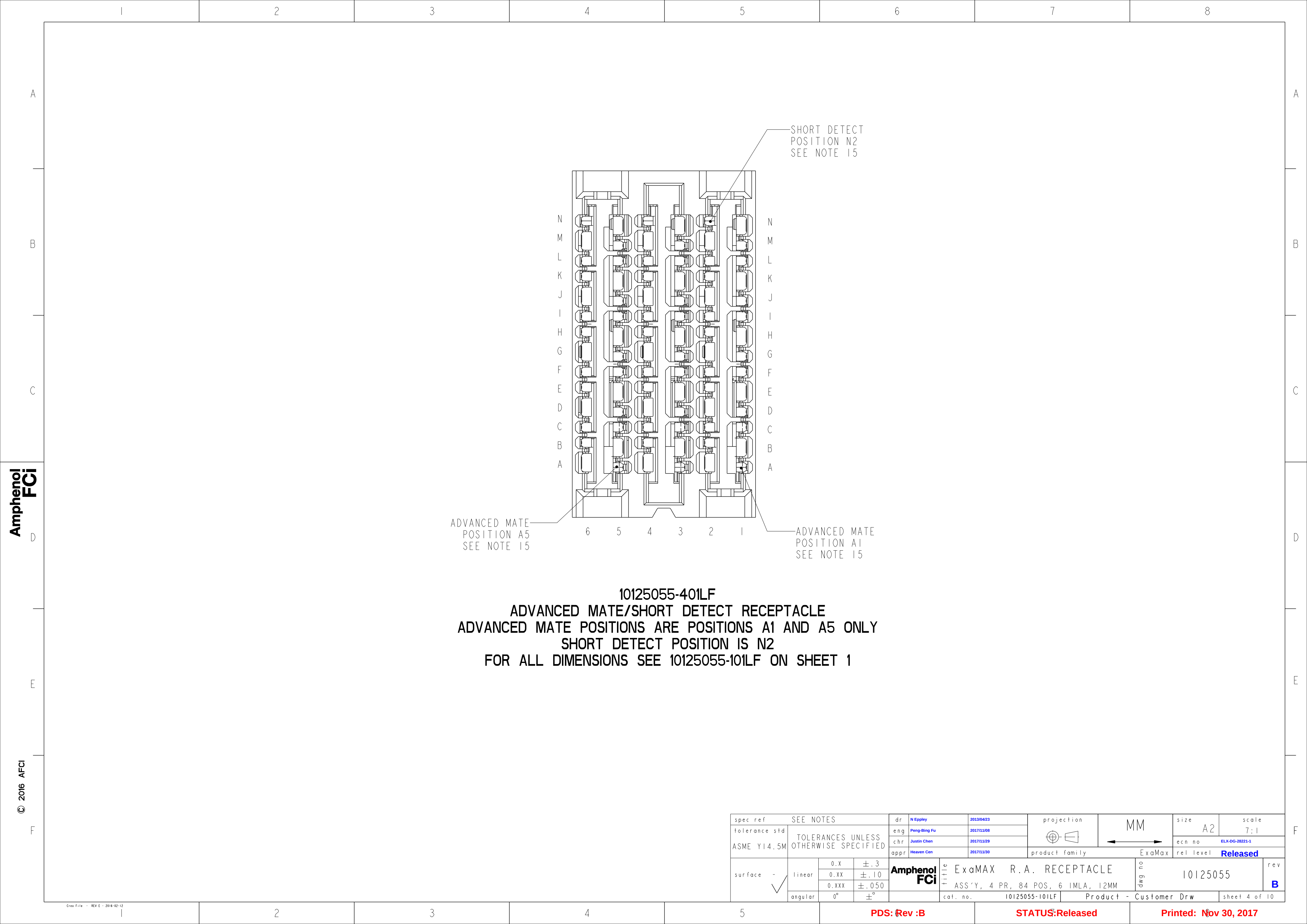
10125055-201LF
ADVANCED MATE RECEPTACLE
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY
FOR ALL DIMENSIONS SEE 10125055-101LF ON SHEET 1

spec ref		SEE NOTES			dr		N Eppley		2013/04/23		projection		MM		size		A2		scale		7:1								
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. RECEPTACLE ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM										dwg no		10125055		rev		B	
				0.XX		±.10																							
				0.XXX		±.050																							
		angular		0°		±°																							
												cat. no.		10125055-101LF				Product - Customer Drw				sheet 2 of 10							

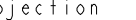
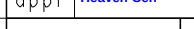


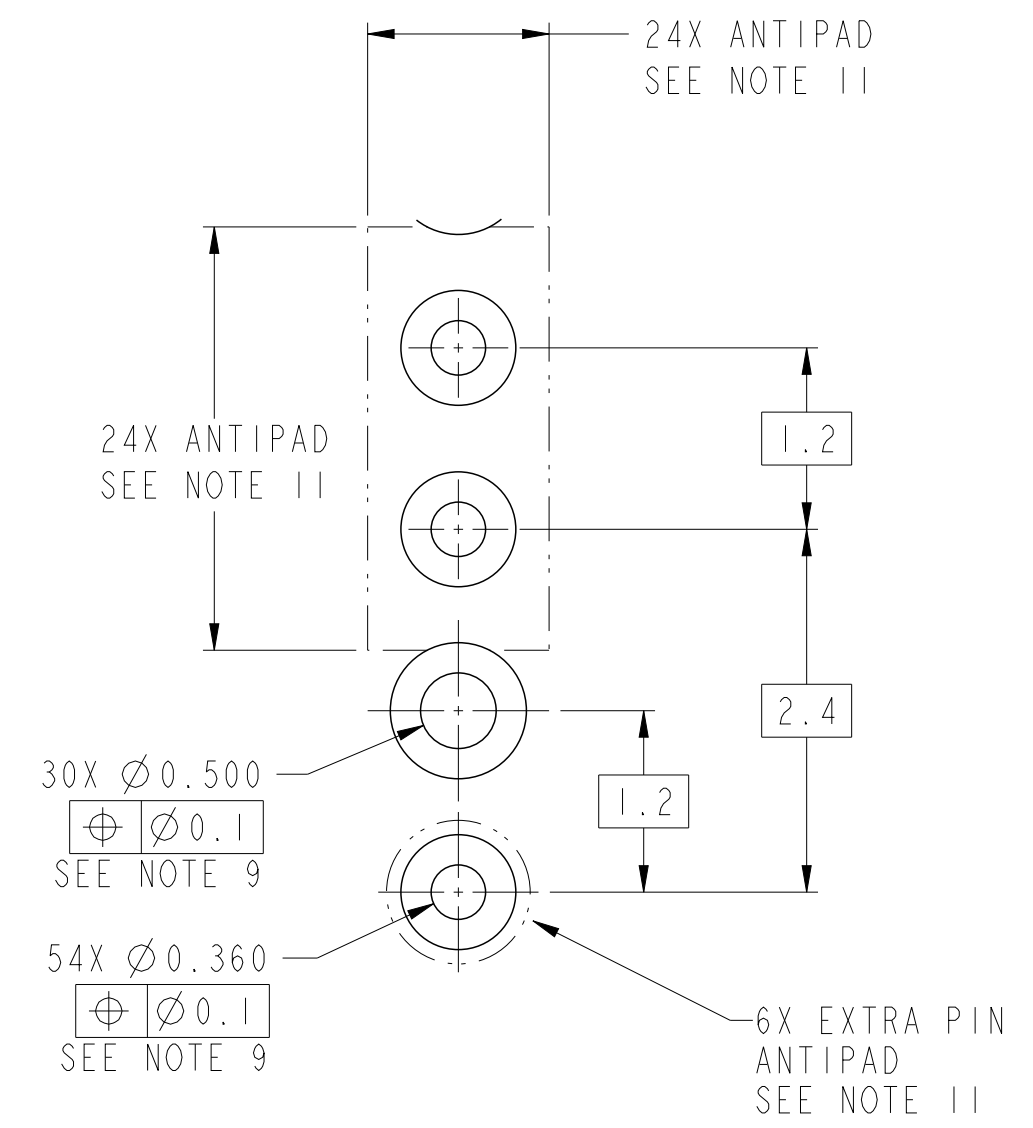
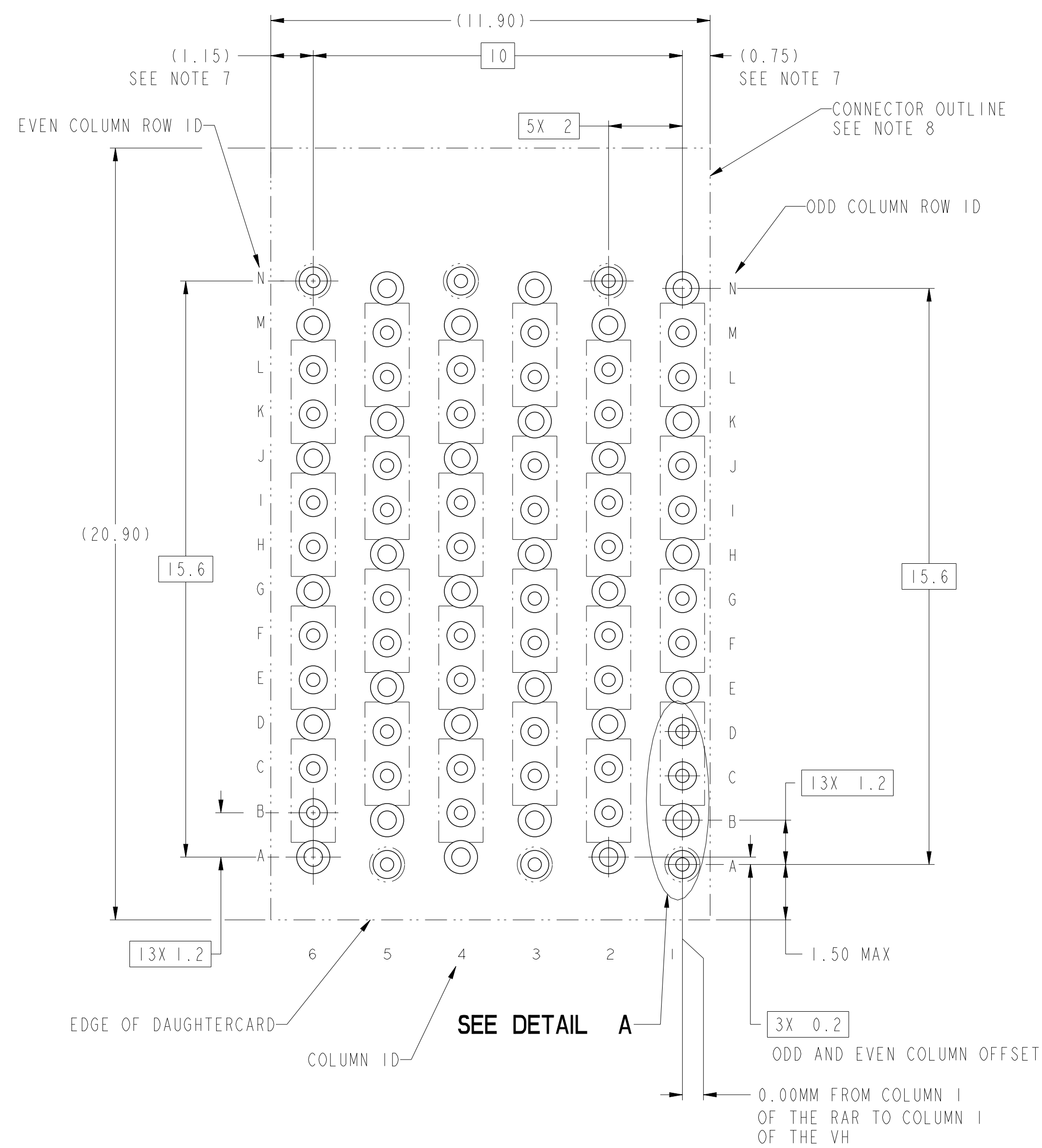
10125055-301LF
SHORT DETECT RECEPTACLE
SHORT DETECT POSITION IS N2
FOR ALL DIMENSIONS SEE 10125055-101LF ON SHEET 1

spec ref		SEE NOTES			dr		N Eppley		2013/04/23		projection		MM		size		A2		scale		7:1								
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. RECEPTACLE								dwg no		10125055				rev		B	
				0.XX		±.10																							
				0.XXX		±.050																							
		angular		0°		±°						cat. no.		10125055-101LF				Product - Customer Drw				sheet 3 of 10							



10125055-401LF
ADVANCED MATE/SHORT DETECT RECEPTACLE
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY
SHORT DETECT POSITION IS N2
FOR ALL DIMENSIONS SEE 10125055-101LF ON SHEET 1

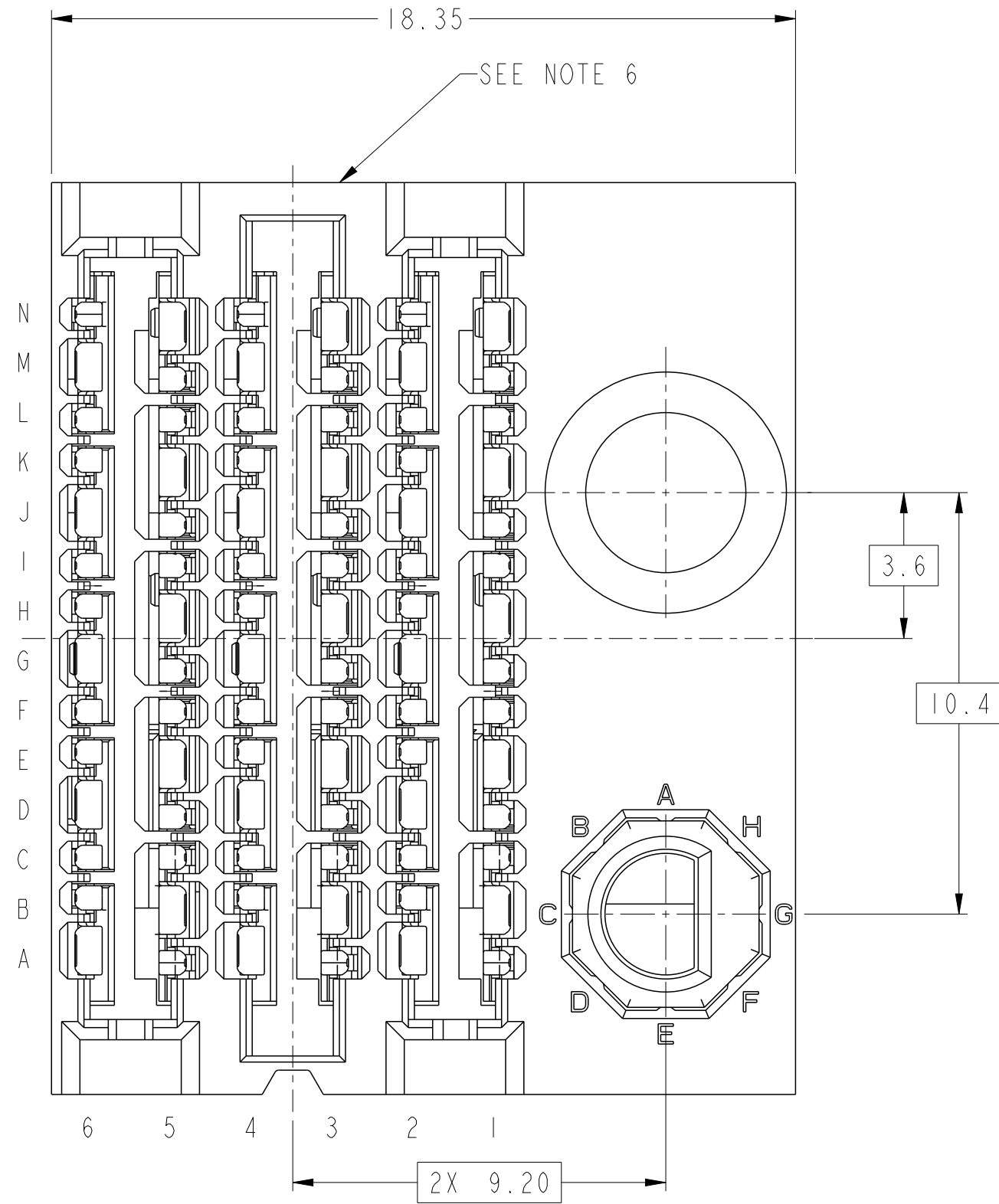
spec ref	SEE NOTES			dr	N Eppley	2013/04/23			size A2	scale 7:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2017/11/08				
ASME Y14.5M				chr	Justin Chen	2017/11/29				
				appr	Heaven Cen	2017/11/30	product family		ExaMax	rel level
	linear	0.X	±.3		title ExaMAX R.A. RECEPTACLE ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM				dwg no 10125055	rev B
		0.XX	±.10							
		0.XXX	±.050							
	angular	0°	±°	cat. no.	10125055-101LF	Product - Customer Drw				sheet 4 of 10



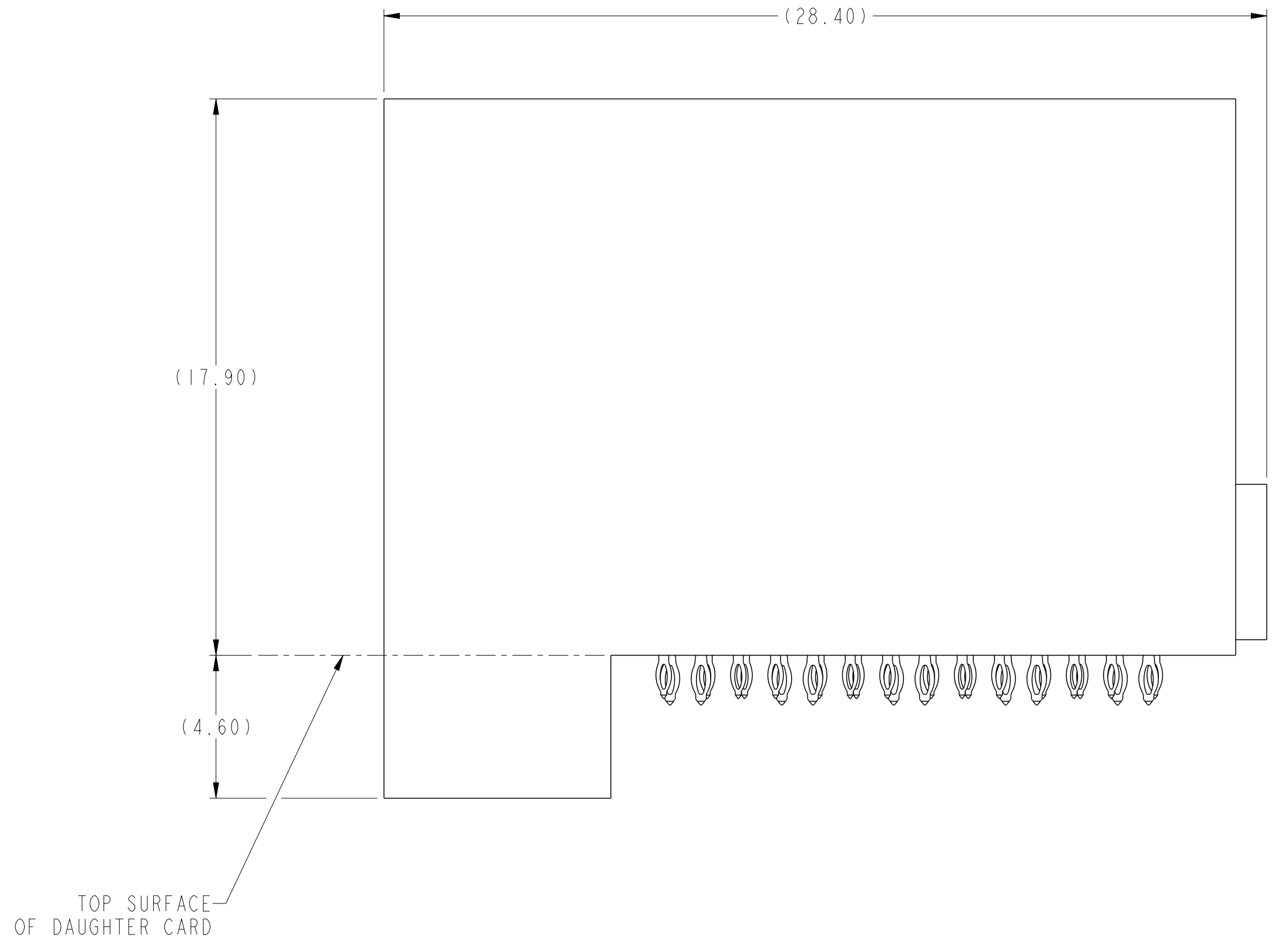
DETAIL A
SCALE 20:1

10125055-X01LF RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, & 11
SCALE 10:1

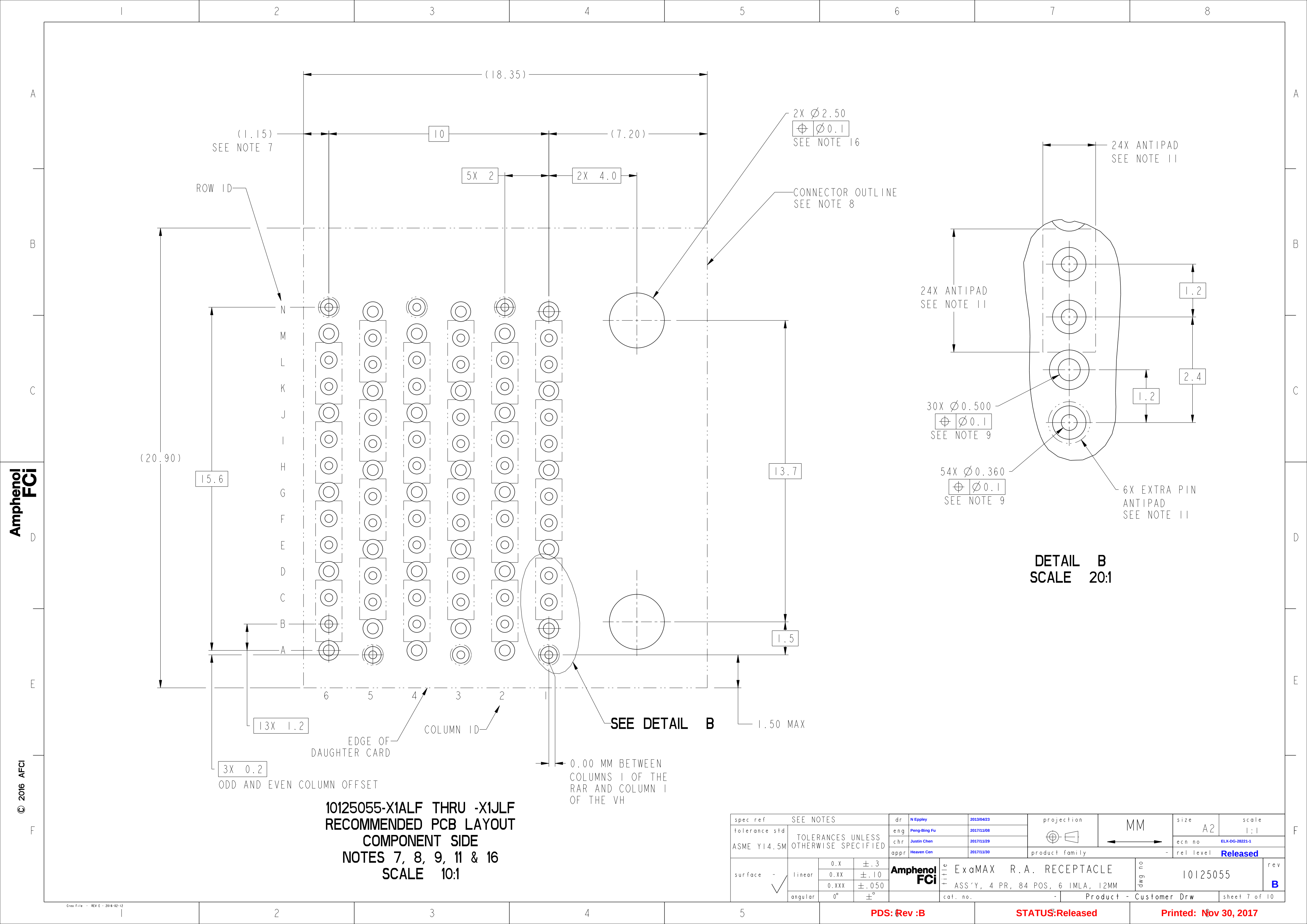
spec ref		SEE NOTES		dr		N Eppley		2013/04/23		projection		MM		size		A2		scale		7:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/08						ecn no		ELX-DG-28221-1					
ASME Y14.5M				chr		Justin Chen		2017/11/29						rel level		Released					
				appr		Heaven Cen		2017/11/30						product family		-					
surface				linear		Amphenol FCi		title		ExaMAX R.A. RECEPTACLE		dwg no		10125055		rev		B			
				0.X																±.3	
				0.XX																±.10	
				0.XXX				±.050													
		angular		0°				±°													
										cat. no.		-		Product - Customer Drw				sheet 5 of 10			



10125055-X1ALF THRU 10125055-X1JLF
RIGHT GUIDANCE (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE 10125055-101LF ON SHEET 1



spec ref		SEE NOTES		dr		N Eppley		2013/04/23		projection				size		A2		scale		7:1	
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				title		ExaMAX R.A. RECEPTACLE		dwg no		10125055		rev		B					
																		0.X		±.3	
		0.XX																±.10			
		0.0XX		±.050		cat. no.		10125055-101LF		Product - Customer Drw		sheet 6 of 10									



Amphenol
FCi

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10125055-X1ALF THRU -X1JLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 10:1

spec ref	SEE NOTES			dr	N Eppley	2013/04/23			size A2	scale 1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2017/11/08						
ASME Y14.5M				chr	Justin Chen	2017/11/29						
					appr	Heaven Cen	2017/11/30	product family		-	ecn no ELX-DG-28221-1	rel level Released
	linear	0.X	±.3		title ExaMAX R.A. RECEPTACLE					dwg no 10125055	rev B	
		0.XX	±.10									ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM
		0.XXX	±.050									
		angular	0°		±°	cat. no.	-	Product - Customer Drw				

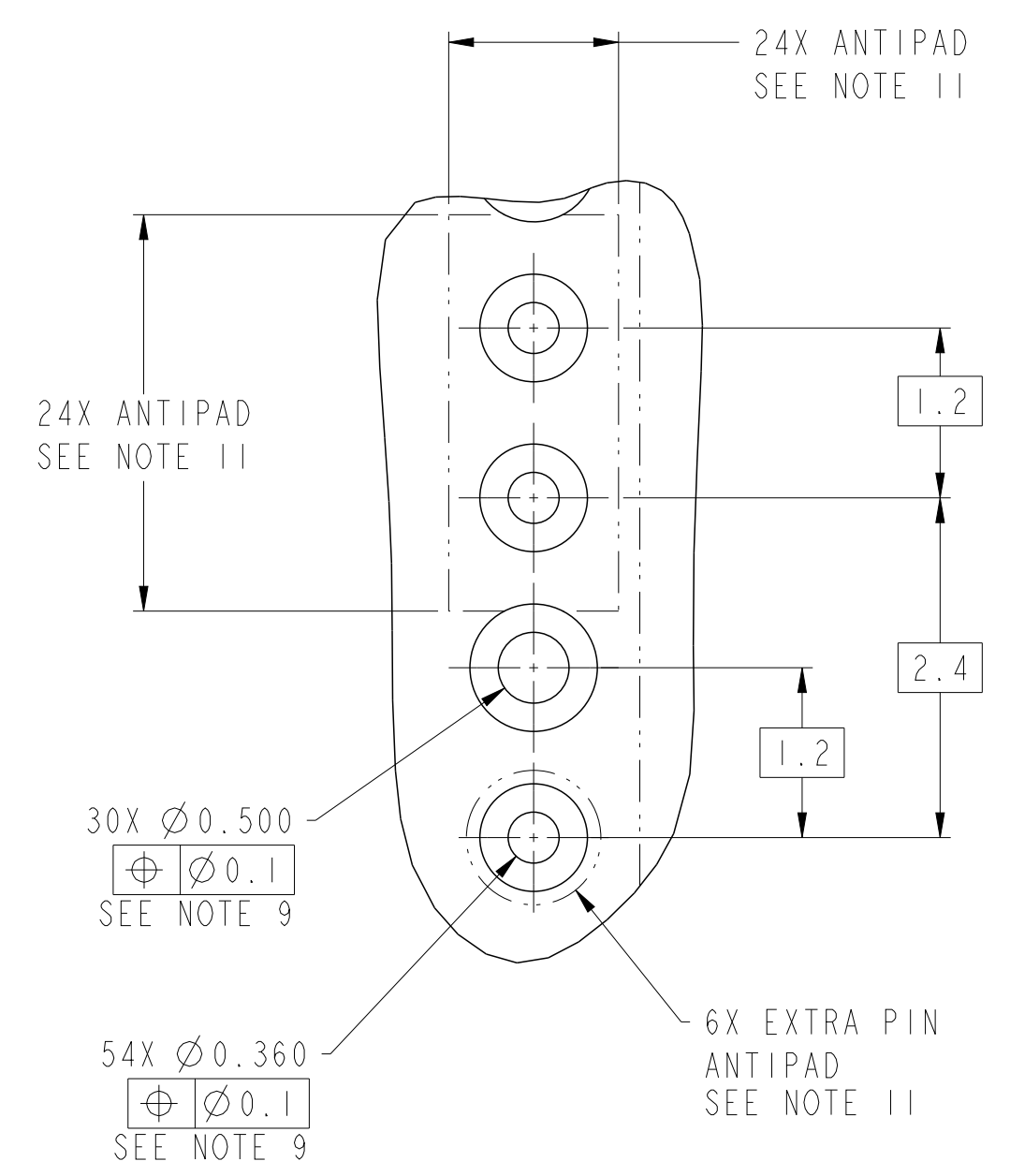
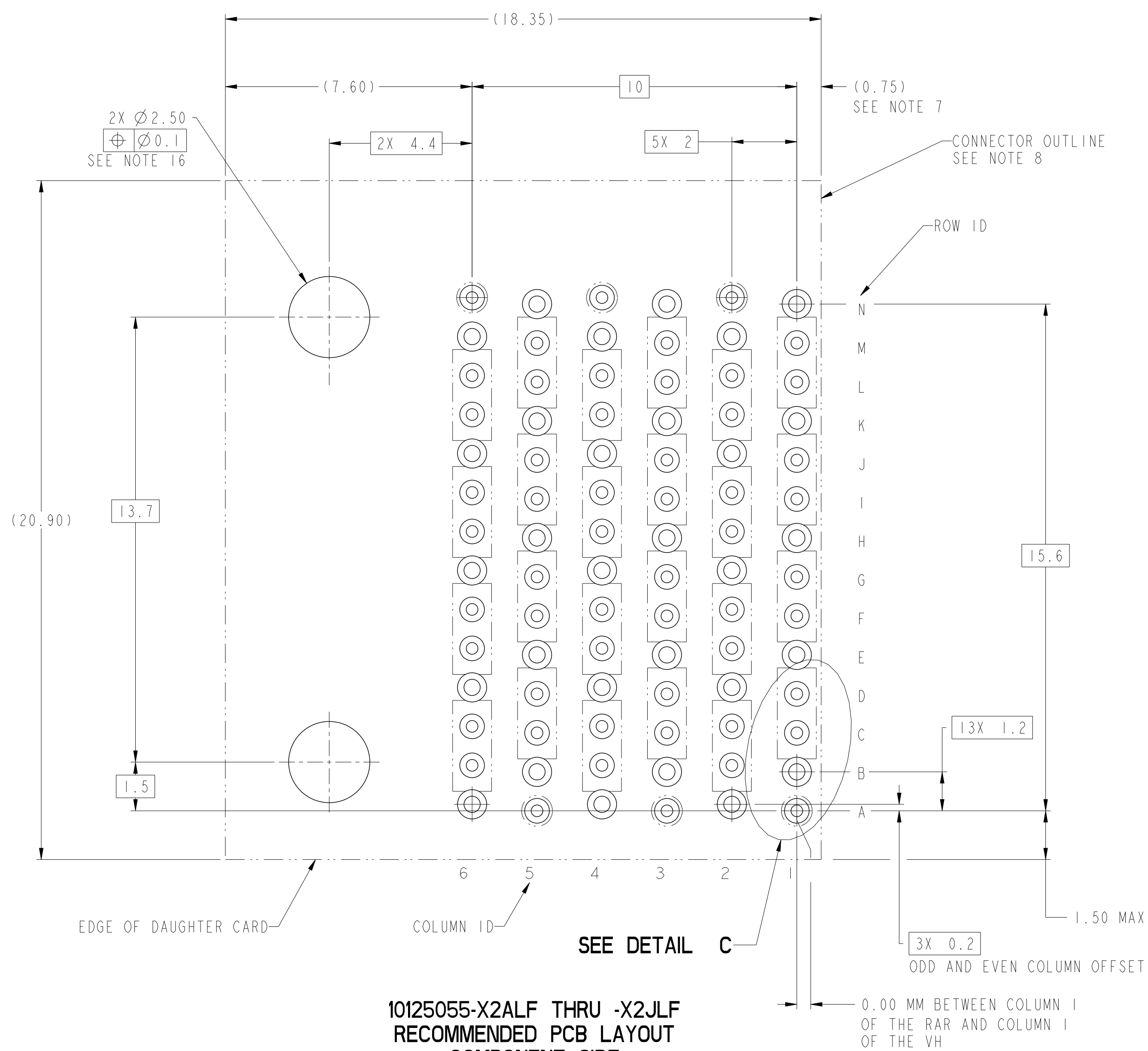
10125055-X2ALF THRU 10125055-X2JLF
LEFT GUIDANCE (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE 10125055-101LF ON SHEET 1

TOP SURFACE
OF DAUGHTER CARD

spec ref		SEE NOTES		dr		N Eppley		2013/04/23		projection		MM		size		A2		scale		7:1			
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	
surface		- ✓		linear		0.X		±.3		Amphenol FCi		title		ExaMAX R.A. RECEPTACLE ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM		cat. no.		10125055-101LF		Product - Customer Drw		sheet 8 of 10	
				0.XX		±.10																	
				0.XXX		±.050																	
				angular		0°		±°						dwg no		10125055				rev		B	

A
B
C
D
E
F

A
B
C
D
E
F



10125055-X2ALF THRU -X2JLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 10:1

spec ref		SEE NOTES			dr		N Eppley		2013/04/23		projection		MM		size		A2		scale		7:1	
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. RECEPTACLE ASS'Y, 4 PR, 84 POS, 6 IMLA, 12MM		dwg no		10125055		rev		B				
																				0.XX ±.10		
																				0.XXX ±.050		
		angular		0° ±°				cat. no.		-		Product - Customer Drw				sheet 9 of 10						

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, 10125055-2XXLF, 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, 10125055-3XXLF, 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, 10125055-4XXLF, 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 FEATURE WHEN LOOKING AT THE MATING FACE OF THE RIGHT ANGLE 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 VERTICAL HEADER MATES WITH A RIGHT GUIDE RIGHT ANGLE RECEPTACLE.)
- ⑱ - ALL GROUND CONTACTS ARE COMMONED WITHIN A COLUMN.

spec ref		SEE NOTES		dr		N Eppley		2013/04/23		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															
				appr		Heaven Cen		2017/11/30																					
surface		-		linear		0.X		±.3		Amphenol FCi		title		ExaMAX R.A. RECEPTACLE		dwg no		10125055		rev		B							
																										0.XX		±.10	
																										0.XXX		±.050	
		angular		0°		±°				cat. no.				Product - Customer Drw				sheet 10 of 10											

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «JONHON», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «FORSTAR».



JONHON

«JONHON» (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

«FORSTAR» (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели,
кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).



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