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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



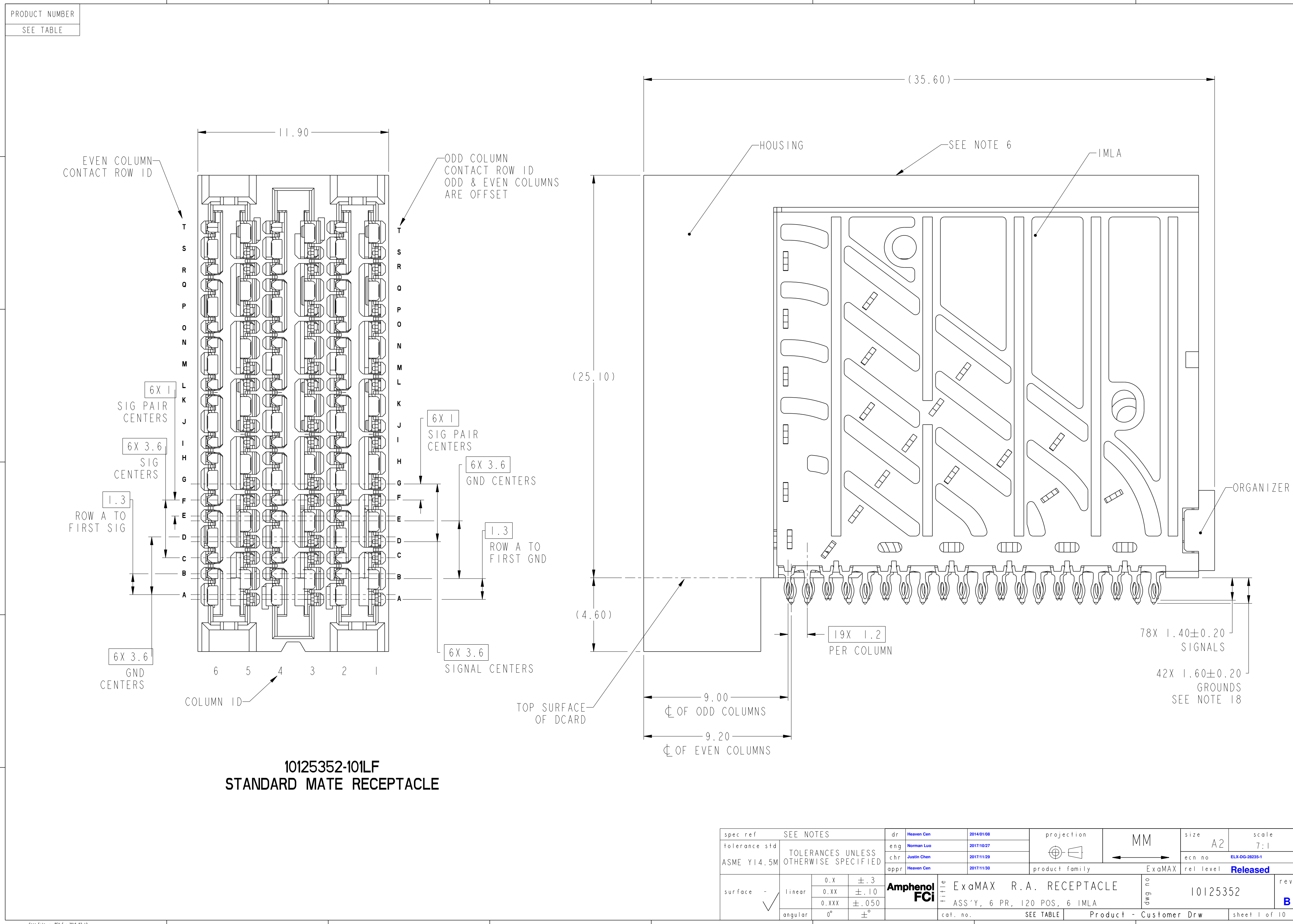
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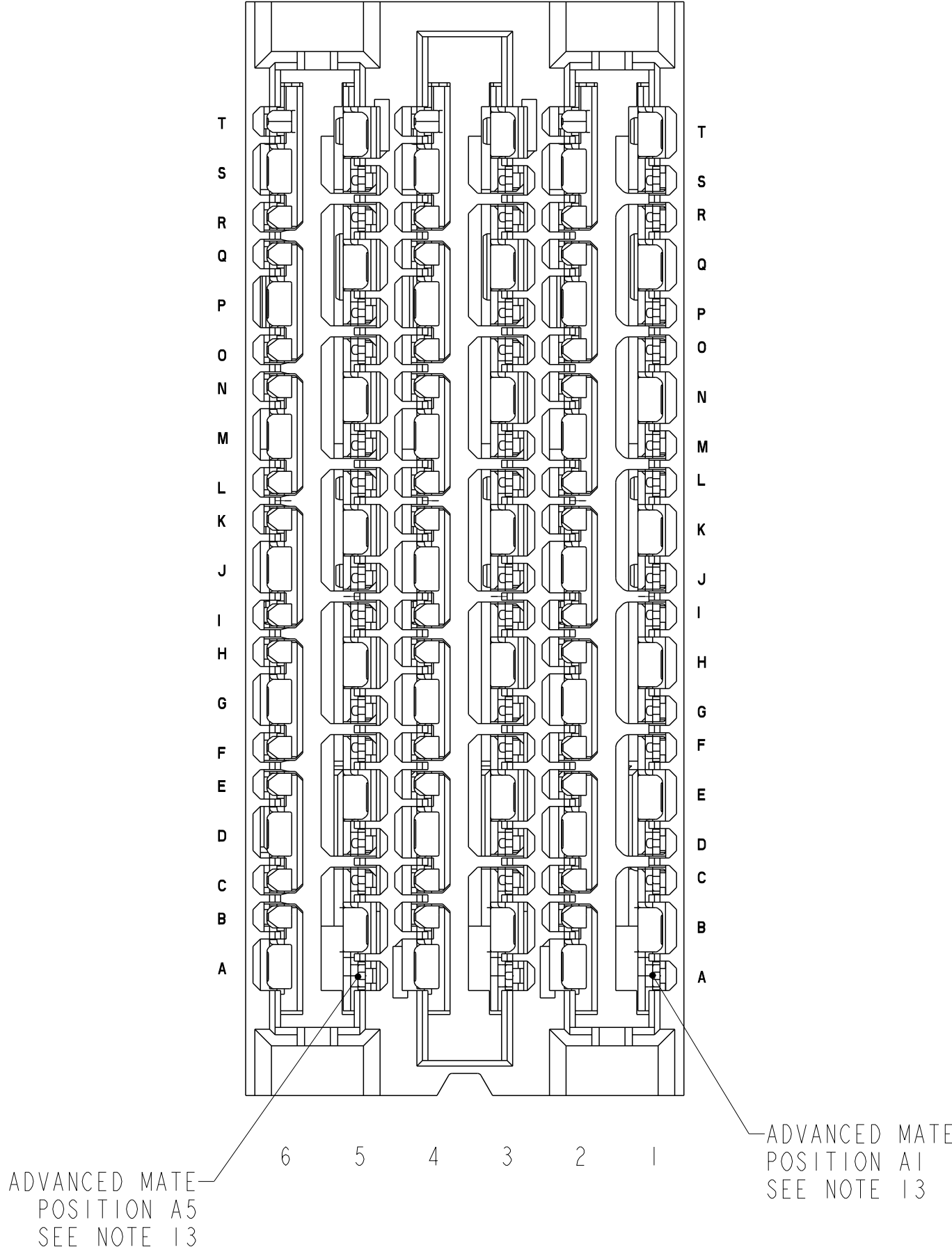
10125352-101LF  
STANDARD MATE RECEPTACLE

spec ref		SEE NOTES			dr		Heaven Cen		2014/01/08		projection		MM		size		A2		scale		7:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/27						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		dwg no		10125352		rev		B				
																				0.XX ±.10		
																				0.XXX ±.050		
		angular		0° ±°				cat. no.		SEE TABLE		Product - Customer Drw		sheet 1 of 10								



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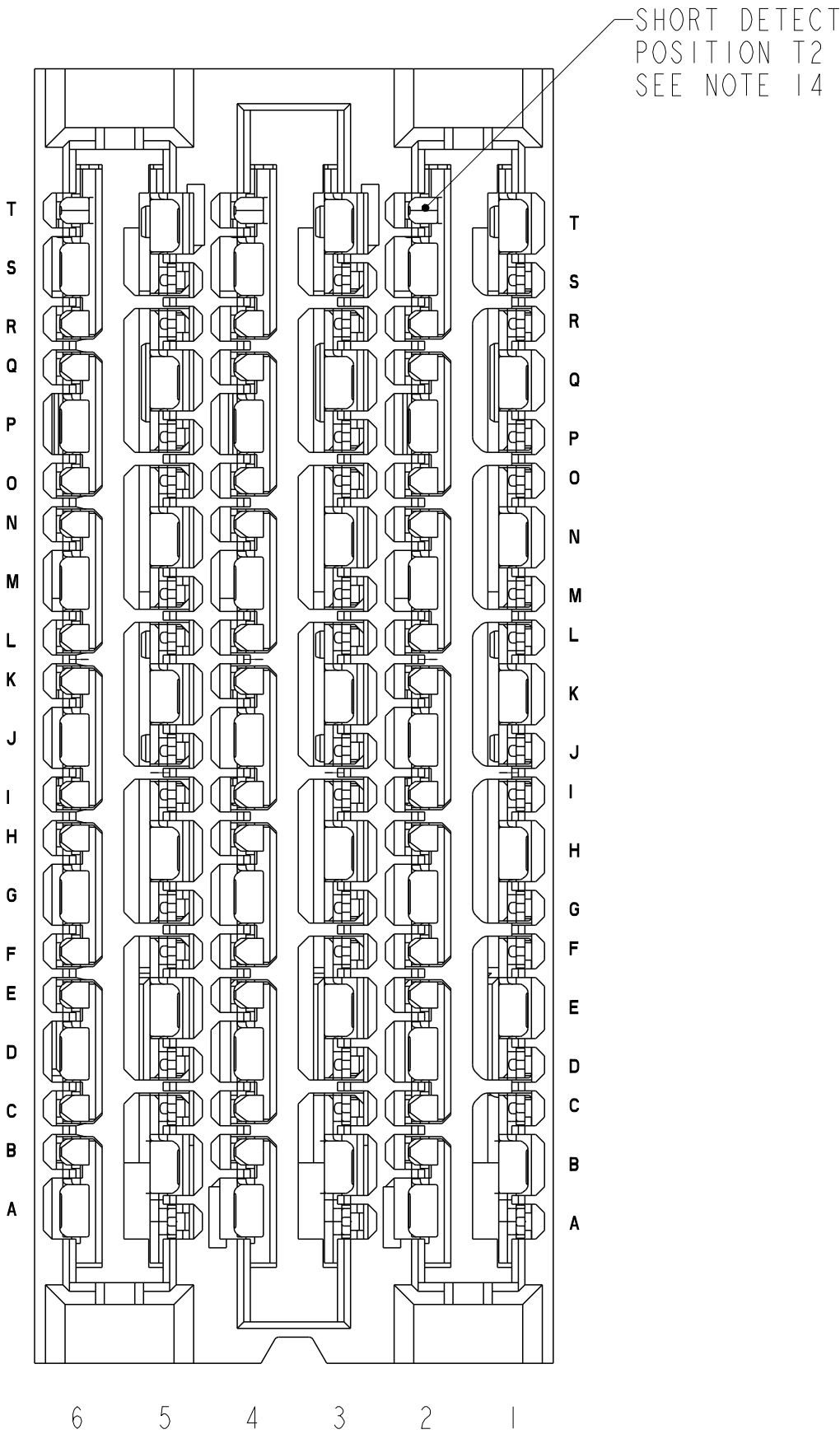
10125352-201LF  
ADVANCED MATE RECEPTACLE  
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY  
FOR ALL DIMENSIONS SEE 10125352-101LF ON SHEET 1

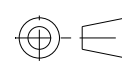

spec ref	SEE NOTES			dr	Heaven Cen		2014/01/08	<div>projection</div> <div></div> <div>MM</div>	size	A2	scale	7:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Norman Luo		2017/10/27		ecn no	ELX-DG-28235-1					
ASME Y14.5M				chr	Justin Chen		2017/11/29			rel level	Released				
				appr	Heaven Cen		2017/11/30				product family		ExaMAX		
<div>surface</div> <div>-</div> <div>✓</div>	linear	0.X	±.3	Amphenol FCi	title	ExaMAX R.A. RECEPTACLE					dwg no	10125352		rev	B
		0.XX	±.10												
		0.XXX	±.050			ASS'Y, 6 PR, 120 POS, 6 IMLA									
	angular	0°	±°			cat. no.	SEE TABLE	Product - Customer Drw					sheet 2 of 10		

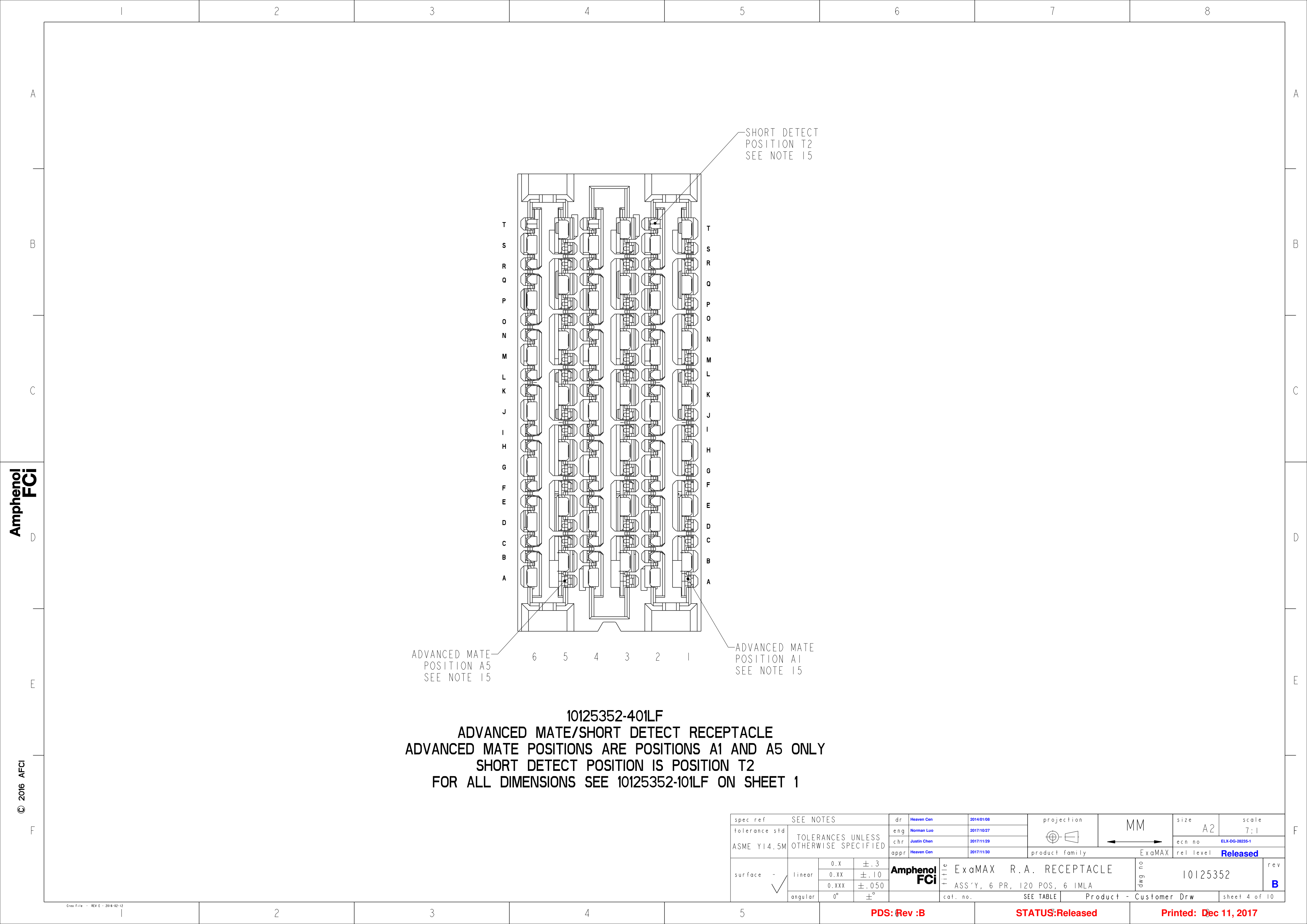
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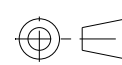
10125352-301LF  
SHORT DETECT RECEPTACLE  
SHORT DETECT POSITION IS POSITION T2  
FOR ALL DIMENSIONS SEE 10125352-101LF ON SHEET 1

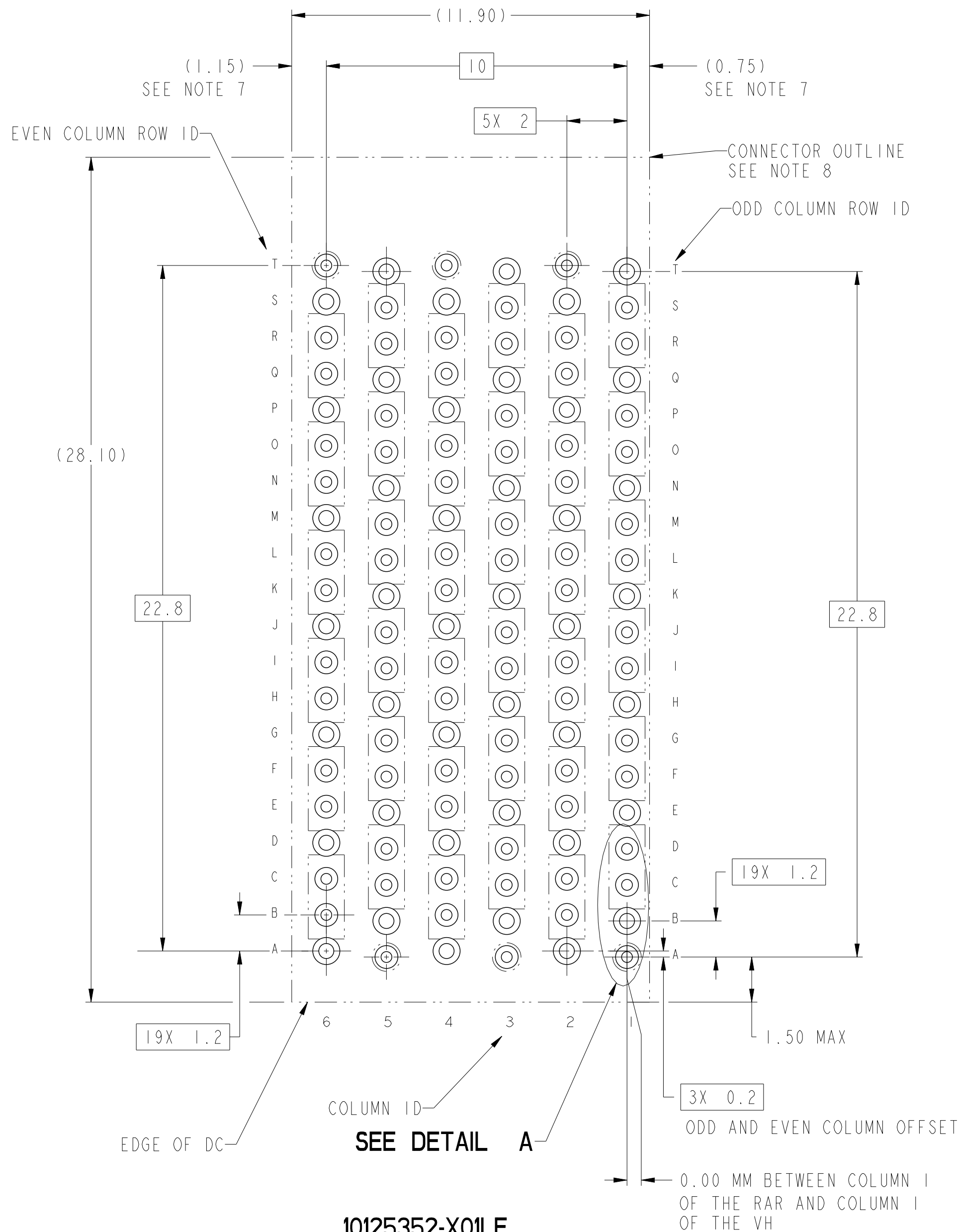


spec ref	SEE NOTES			dr	Heaven Cen		2014/01/08	<div>projection</div> <div></div> <div>MM</div>	size	A2	scale	7:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Norman Luo		2017/10/27		<div>ecn no</div> <div>ELX-DG-28235-1</div>			
ASME Y14.5M				chr	Justin Chen		2017/11/29					
				appr	Heaven Cen		2017/11/30			product family	ExaMAX	
<div>surface</div> <div>-</div> <div></div>	linear	0.X	±.3	<div>Amphenol</div> <div>FCi</div>	title	ExaMAX R.A. RECEPTACLE				<div>dwg no</div> <div>10125352</div>	rev	B
		0.XX	±.10									
		0.XXX	±.050									
	angular	0°	±°									

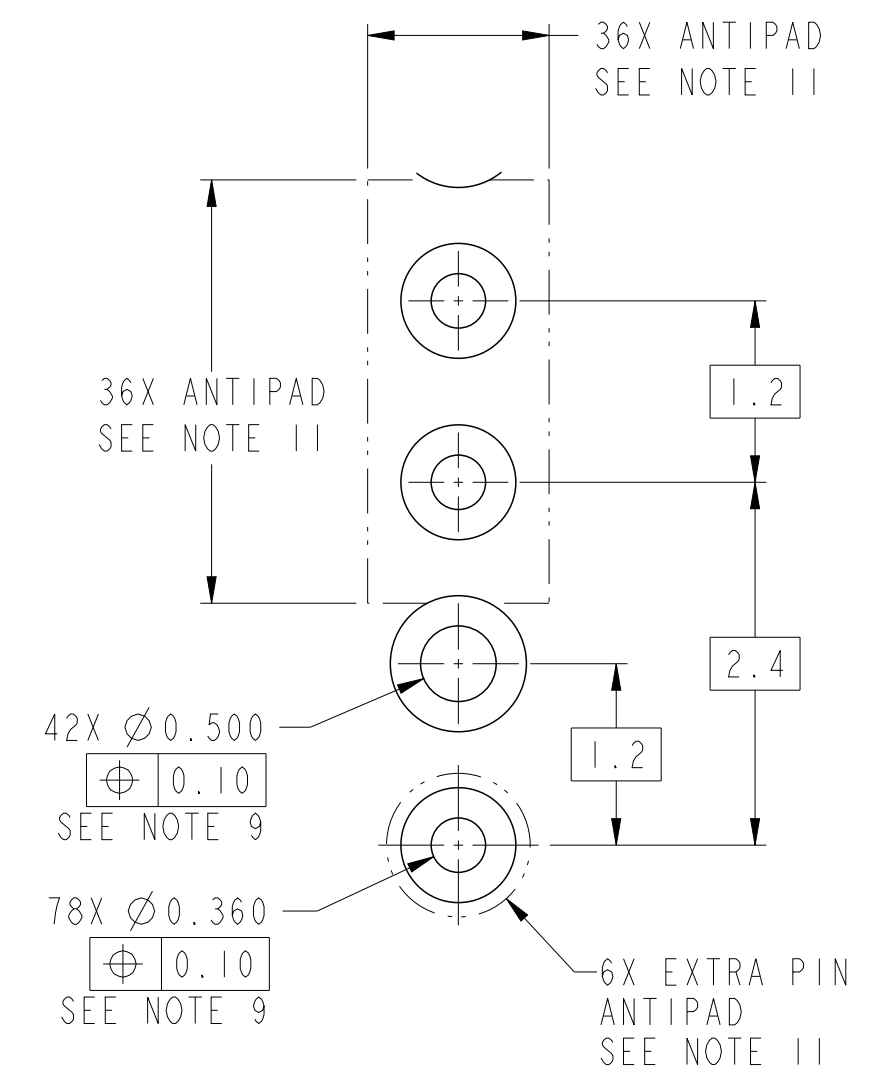


10125352-401LF  
ADVANCED MATE/SHORT DETECT RECEPTACLE  
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY  
SHORT DETECT POSITION IS POSITION T2  
FOR ALL DIMENSIONS SEE 10125352-101LF ON SHEET 1

spec ref	SEE NOTES			dr	Heaven Cen		2014/01/08		<div>projection</div> <div></div> <div>MM</div>	size	A2	scale	7:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Norman Luo		2017/10/27			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			
<div>surface</div> <div>-</div> <div>✓</div>	linear	0.X	±.3	<div>Amphenol FCI</div>	title	ExaMAX R.A. RECEPTACLE					dwg no	10125352	rev	B
		0.XX	±.10											
		0.XXX	±.050											
	angular	0°	±°		cat. no.	SEE TABLE	Product - Customer Drw					sheet 4 of 10		

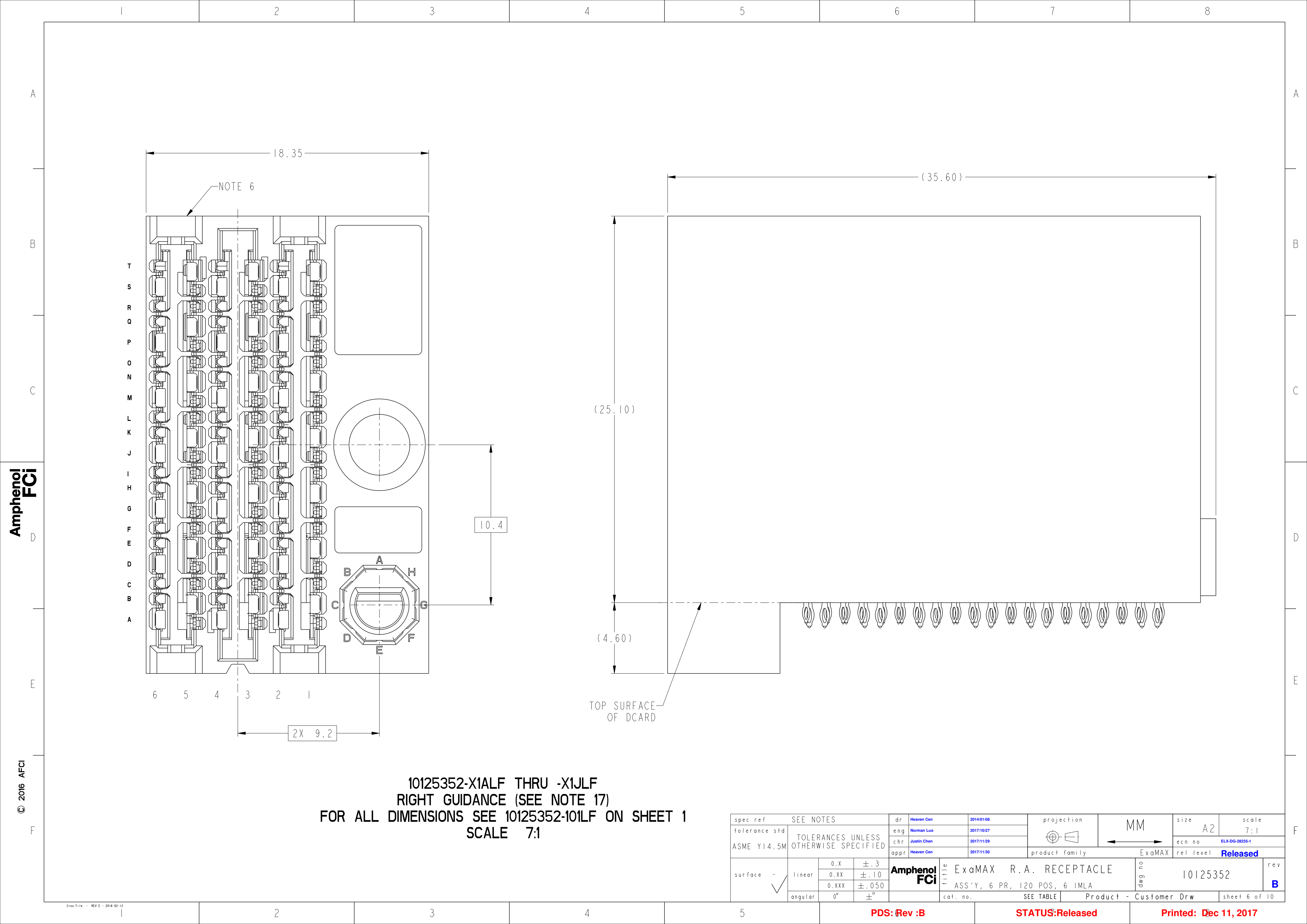


10125352-X01LF  
RECOMMENDED PCB LAYOUT  
COMPONENT SIDE  
NOTES 7, 8, 9, & 11  
SCALE 8:1



DETAIL A  
SCALE 20:1

spec ref	SEE NOTES			dr	Heaven Cen	2014/01/08	projection		MM	size	A2	scale	1:1				
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Norman Luo	2017/10/27						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				dwg no	10125352			rev	B			
		0.XX	±.10														
		0.XXX	±.050		cat. no.					SEE TABLE		Product - Customer Drw			sheet 5 of 10		
	angular	0°	±°														

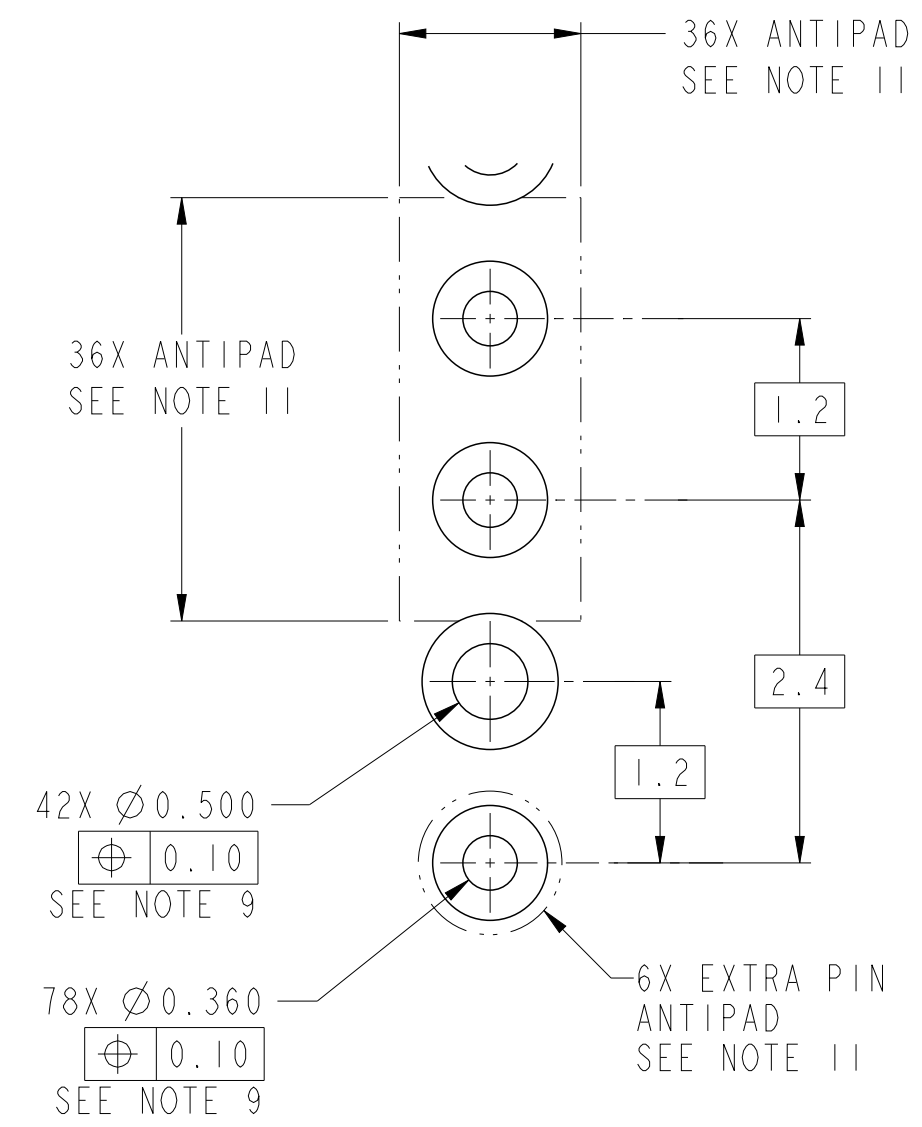
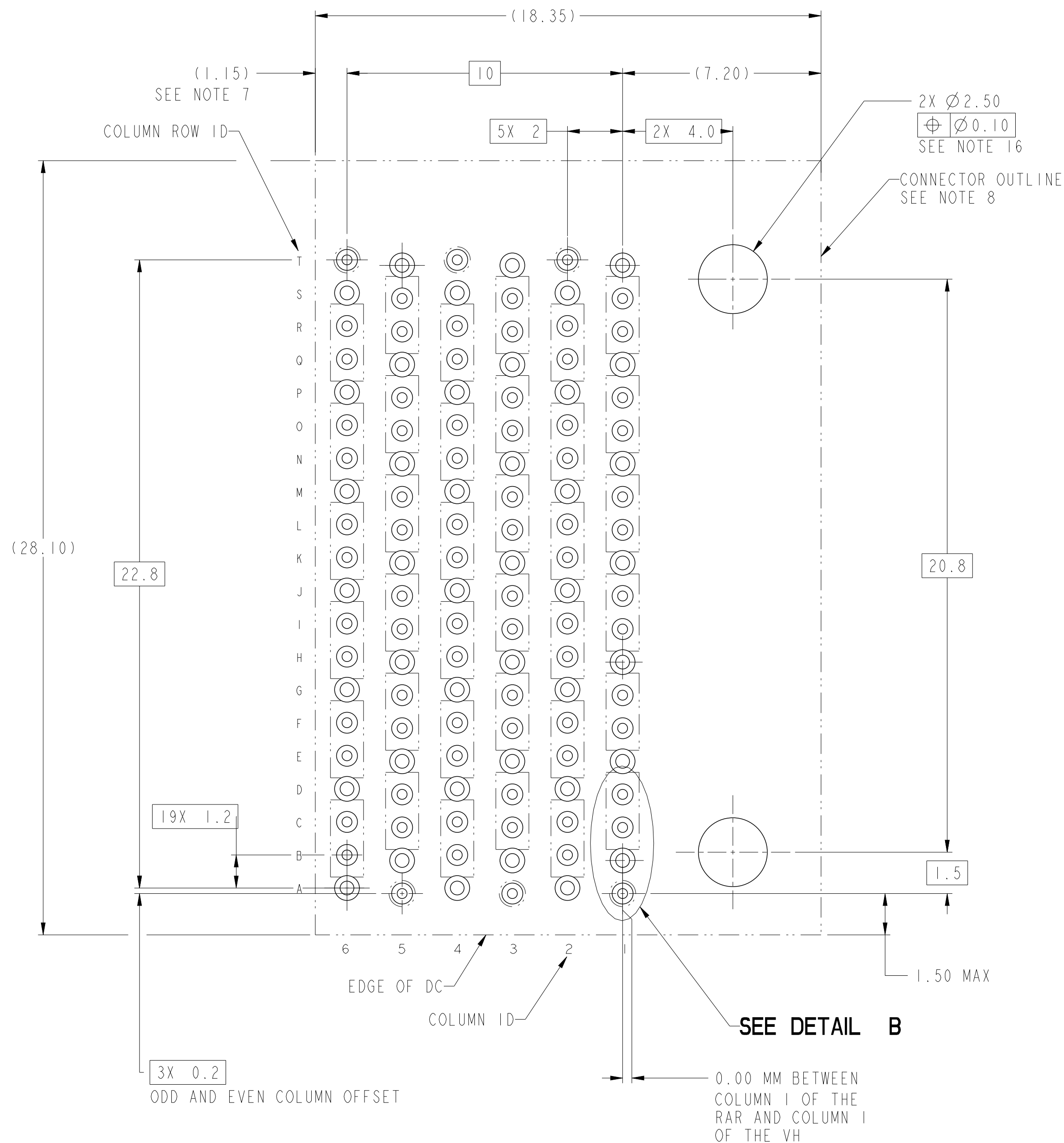


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10125352-X1ALF THRU -X1JLF  
RIGHT GUIDANCE (SEE NOTE 17)  
FOR ALL DIMENSIONS SEE 10125352-101LF ON SHEET 1  
SCALE 7:1

spec ref		SEE NOTES			dr		Heaven Cen		2014/01/08		projection		MM		size		A2		scale		7:1										
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/27						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								dwg no		10125352						rev		B	
				0.XX		±.10																									
				0.XXX		±.050																									
		angular		0°		±°						cat. no.		SEE TABLE		Product - Customer Drw								sheet 6 of 10							



DETAIL B  
SCALE 20:1

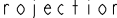
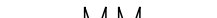




10125352-X1ALF THRU -X1JLF  
RECOMMENDED PCB LAYOUT  
COMPONENT SIDE  
NOTES 7, 8, 9, 11 & 16  
SCALE 8:1

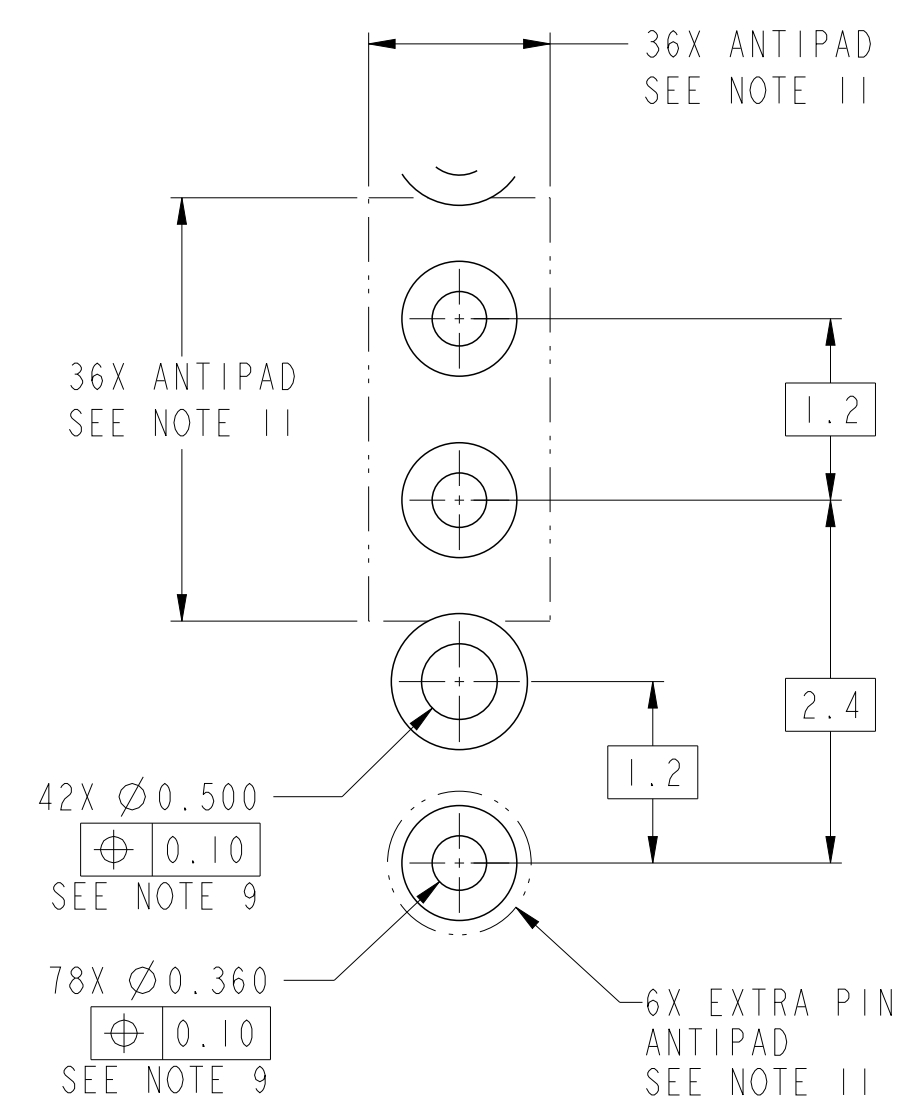
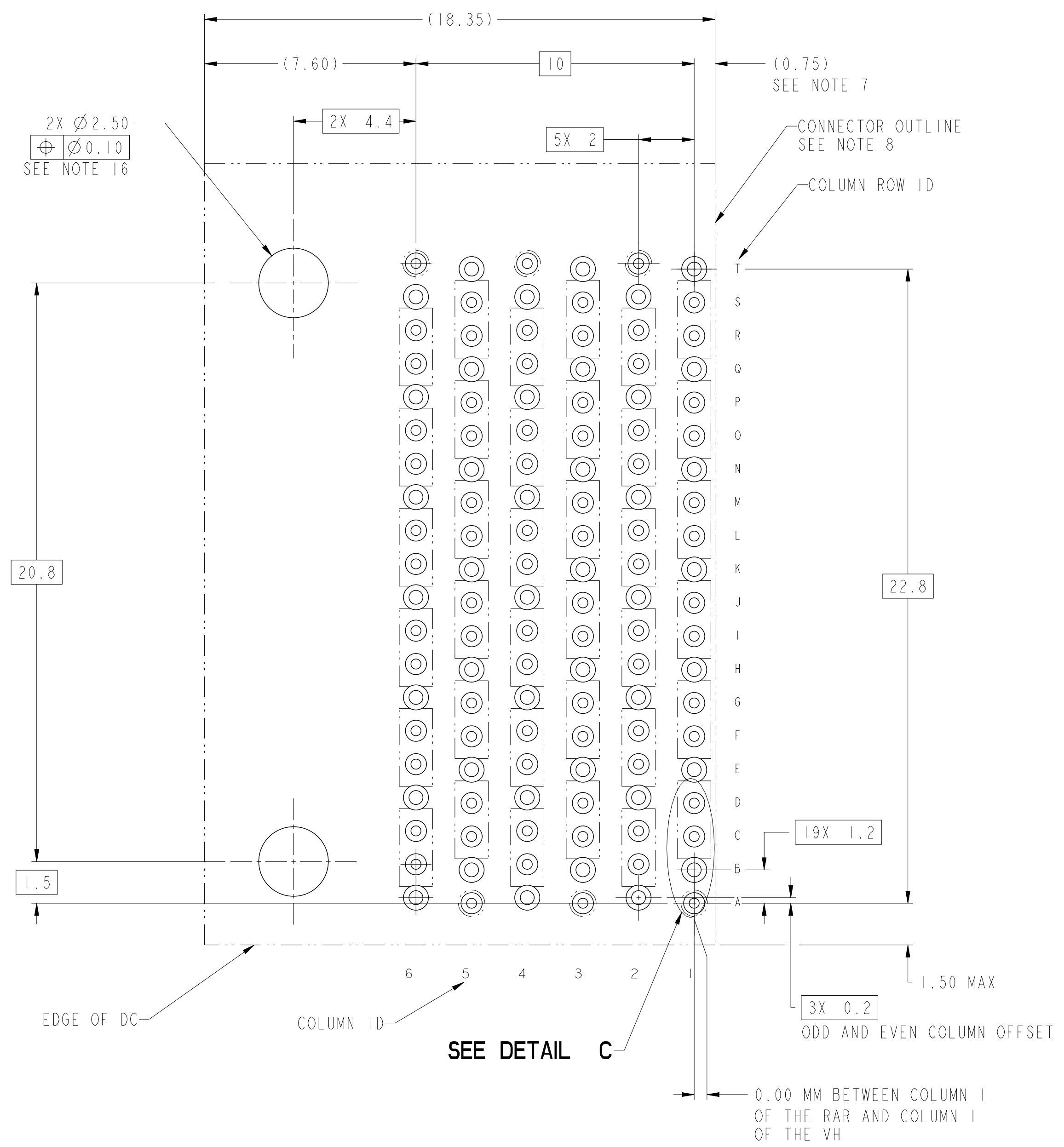
spec ref		SEE NOTES			dr		Heaven Cen		2014/01/08		projection		MM		size		A2		scale		7:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Norman Luo		2017/10/27						ecn no		ELX-DG-28235-1					
ASME Y14.5M					chr		Justin Chen		2017/11/29						rel level		Released					
					appr		Heaven Cen		2017/11/30						product family		ExaMAX					
surface -		linear		0.X		±.3		Amphenol FCI		title		ExaMAX R.A. RECEPTACLE ASS'Y, 6 PR, 120 POS, 6 IMLA		dwg no		10125352		rev		B		
				0.XX		±.10																
				0.XXX		±.050																
		angular		0°		±°																
												cat. no.		SEE TABLE		Product- Customer Drw		sheet 7 of 10				








Printed: Dec 11, 2017

spec ref		SEE NOTES		dr		Heaven Cen		2014/01/08		projection				MM				size		A2		scale		7:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Norman Luo		2017/10/27								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				Amphenol FCI		title		ExaMAX R.A. RECEPTACLE						dwg no		10125352						rev		B	
								cat. no.		SEE TABLE		Product-		Customer Drw		sheet 8 of 10											
								ASS'Y, 6 PR, 120 POS, 6 IMLA																			
				angular		0°		±.050																			



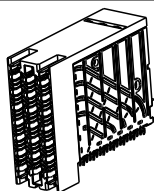
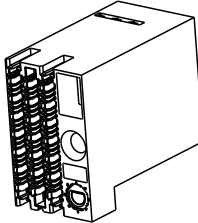
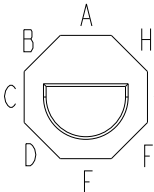
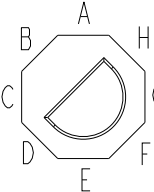
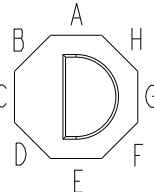
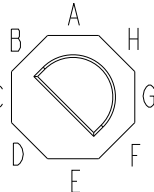
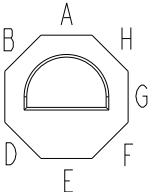
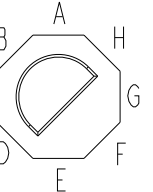
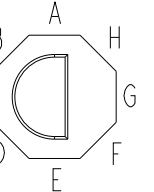
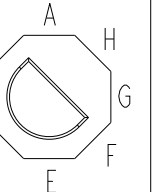
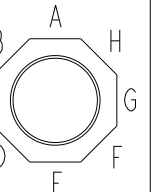
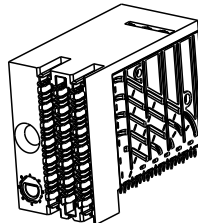
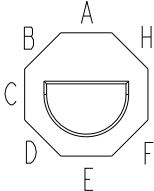
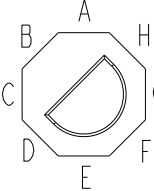
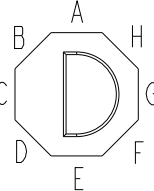
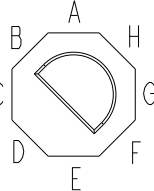
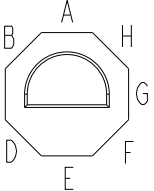
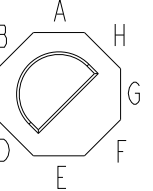
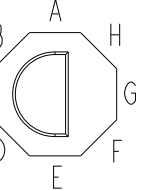
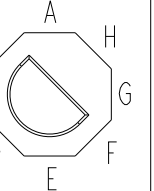
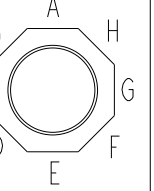
DETAIL C  
SCALE 20:1

10125352-X2ALF THRU -X2JLF  
RECOMMENDED PCB LAYOUT  
COMPONENT SIDE  
NOTES 7, 8, 9, 11 & 16  
SCALE 8:1

spec ref		SEE NOTES		dr	Heaven Cen	2014/01/08	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A2	scale	7:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Norman Luo	2017/10/27			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 ASS'Y, 6 PR, 120 POS, 6 IMLA			dwg no	10125352		rev	B
		0.XX	±.10										
		0.XXX	±.050										
	angular	0°	±°										
						cat. no.	SEE TABLE	Product - Customer Drw				sheet 9 of 10	

10125352 - Y Y Y L F






ASSEMBLY PART NUMBER	DESCRIPTION
10125352-1YYLF	STANDARD MATE
10125352-2YYLF	ADVANCED MATE
10125352-3YYLF	SHORT DETECT
10125352-4YYLF	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)	
										

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, 10125352-2XXLF, 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, 10125352-3XXLF, WHEN MATED WITH A STANDARD MATE VERTICAL HEADER OR A STANDARD MATE RIGHT ANGLE HEADER, WILL PROVIDE 1 PAIR OF MATING CONTACTS THAT MATE 1.00 MM AFTER THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.
- ⑮ - THE ADVANCED MATE/SHORT DETECT RECEPTACLE, 10125352-4XXLF, WHEN MATED WITH AN ADVANCED MATE VERTICAL HEADER OR AN ADVANCED MATE RIGHT ANGLE HEADER, WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.75 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 SCREW 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 ANGLE RECEPTACLE.)
- ⑱ - ALL GROUND CONTACTS ARE COMMONED WITHIN A COLUMN.

spec ref		SEE NOTES		dr		Heaven Cen		2014/01/08		projection				MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Norman Luo		2017/10/27						ecn no		ELX-DG-28235-1		rel level		Released			
ASME Y14.5M				chr		Justin Chen		2017/11/29						product family		ExaMAX							
				appr		Heaven Cen		2017/11/30															
surface				linear				title		ExaMAX R.A. RECEPTACLE		dwg no		10125352		rev		B					
				0.X																±.3			
				0.XX																±.10			
				0.XXX				±.050															
		angular		0°				±°															