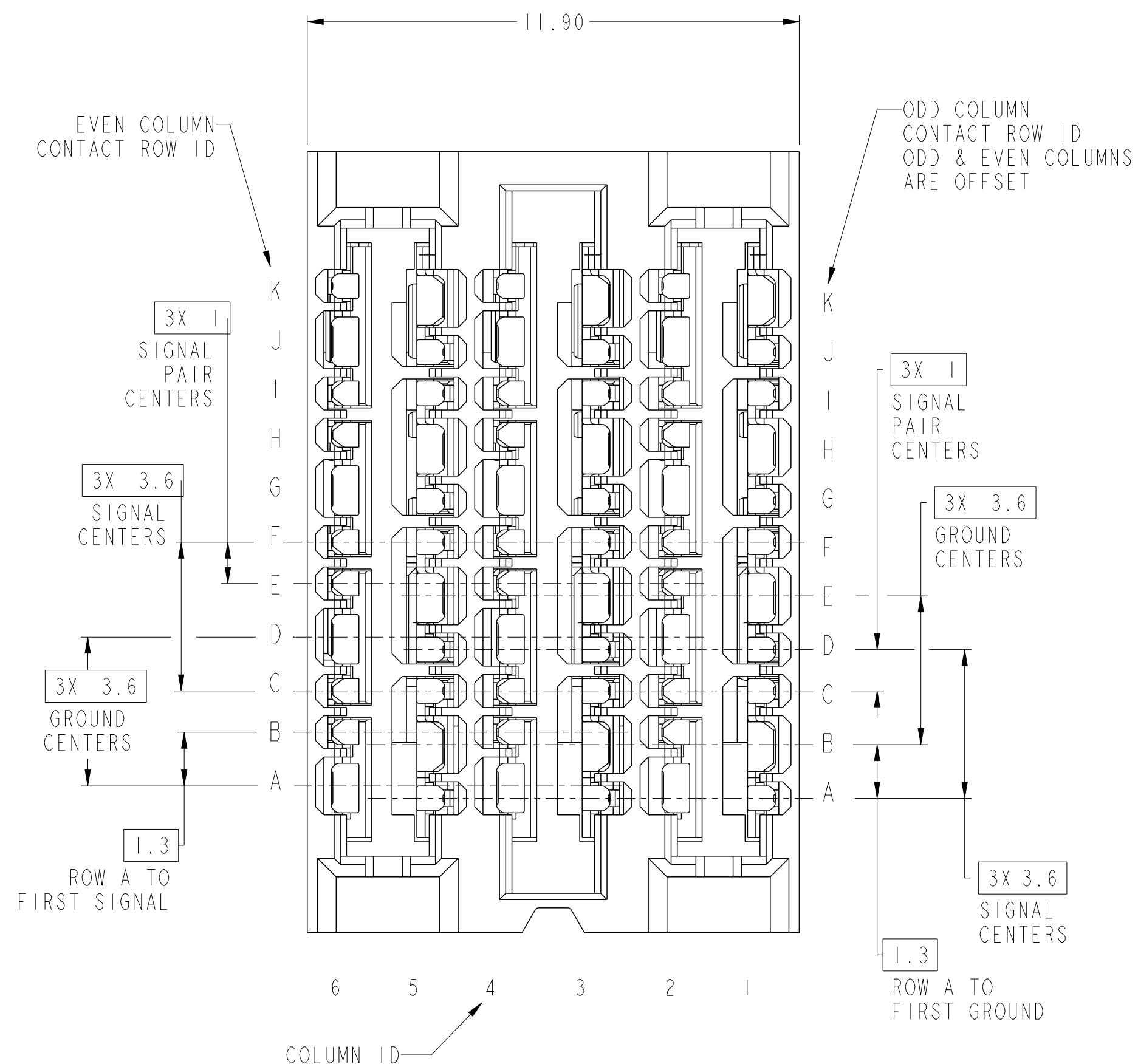
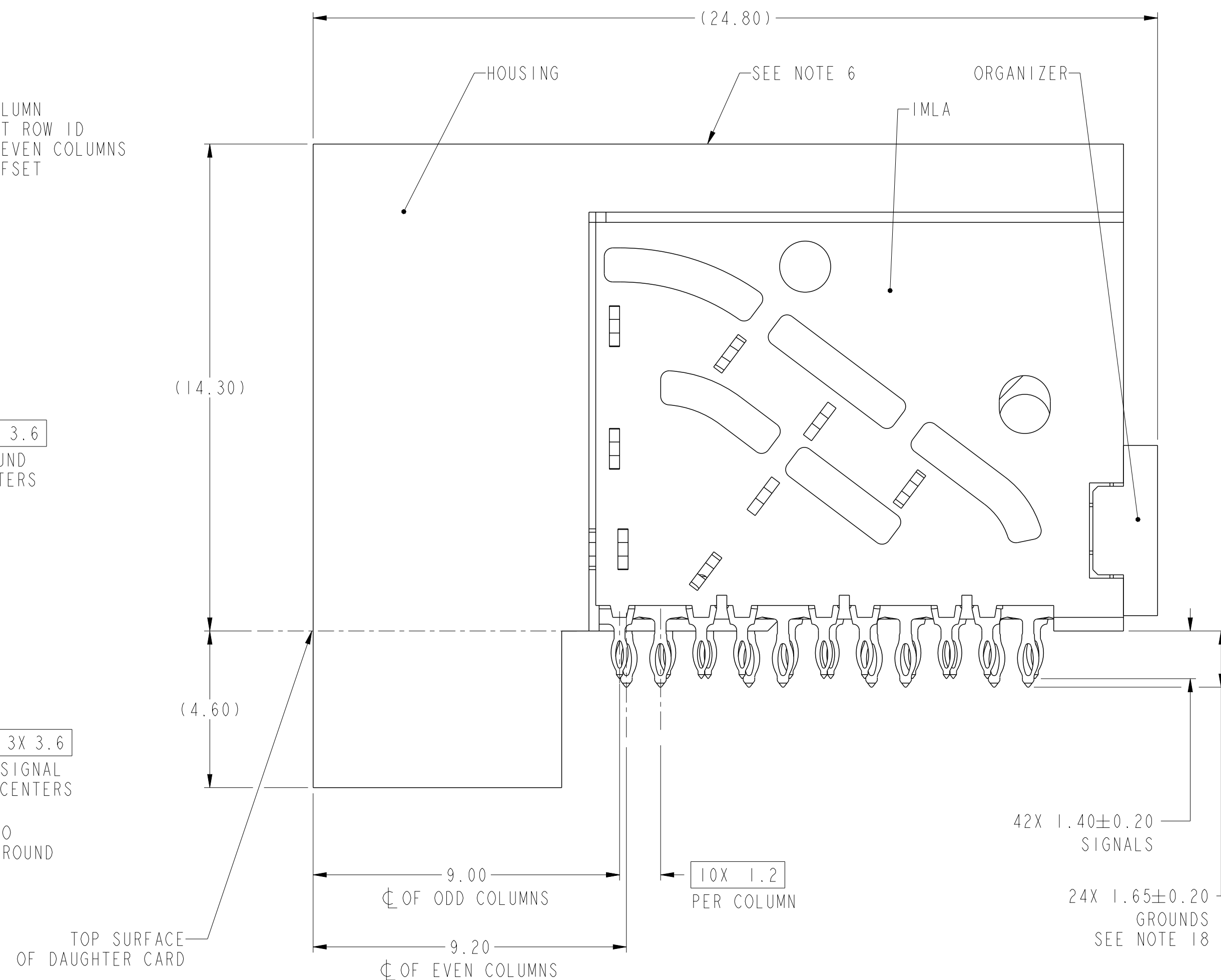
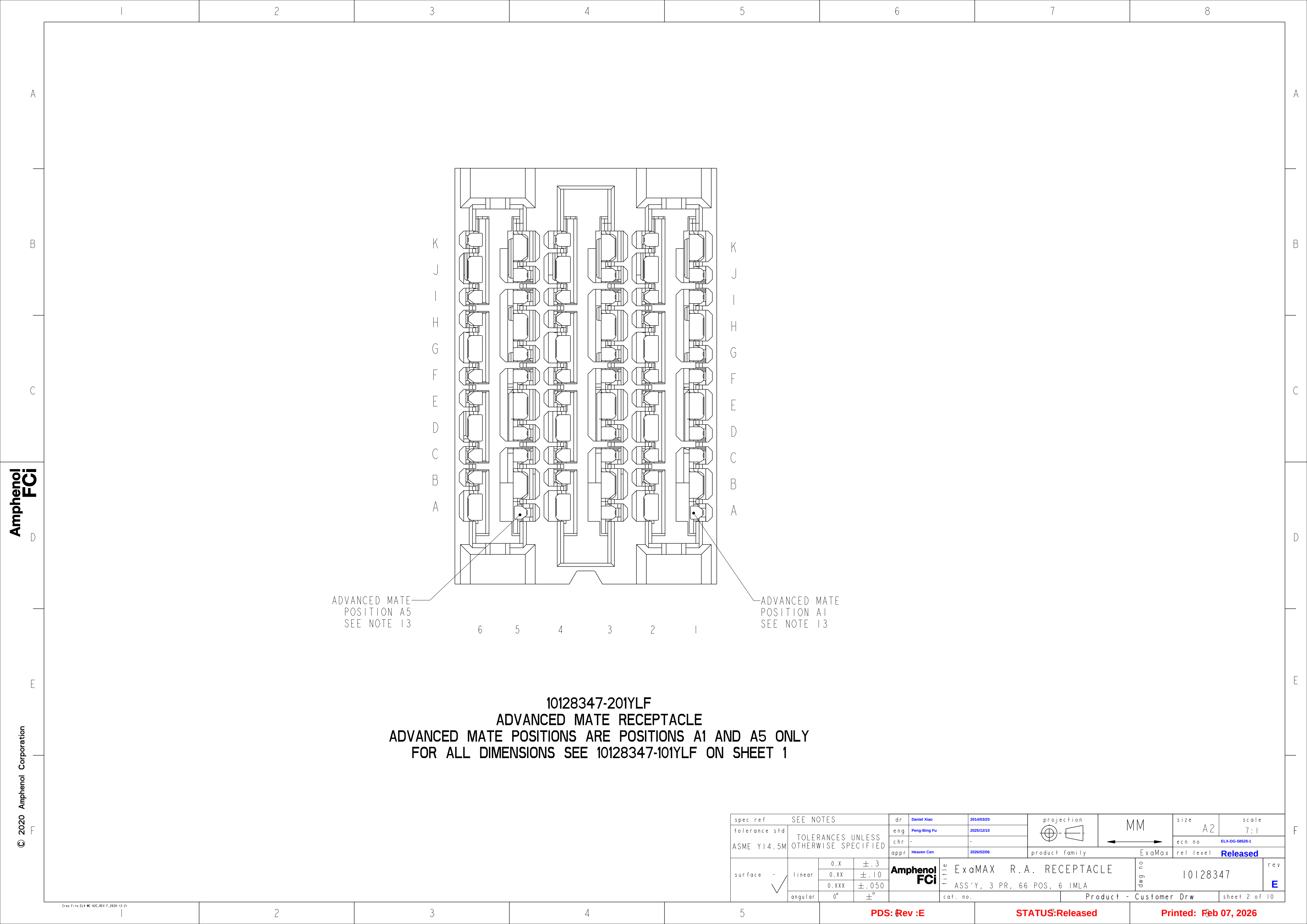




10128347-101YLF
STANDARD MATE RECEPTACLE



spec ref		SEE NOTES		dr Daniel Xiao2014/03/20				size A2		scale 7:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Peng-Bing Fu2025/12/10				ecn no ELX-DG-58528-1			
ASME Y14.5M				chr - -				product family ExaMax			
				appr Heaven Cen2026/02/06				rel level Released			
surface - 		linear	0.X	±.3	Amphenol FCI		title ExaMAX R.A. RECEPTACLE ASS'Y, 3 PR, 66 POS, 6 IMLA	dwg no 10128347	rev E	sheet 1 of 10	
			0.XX	±.10							
		0.XXX	±.050	angular							

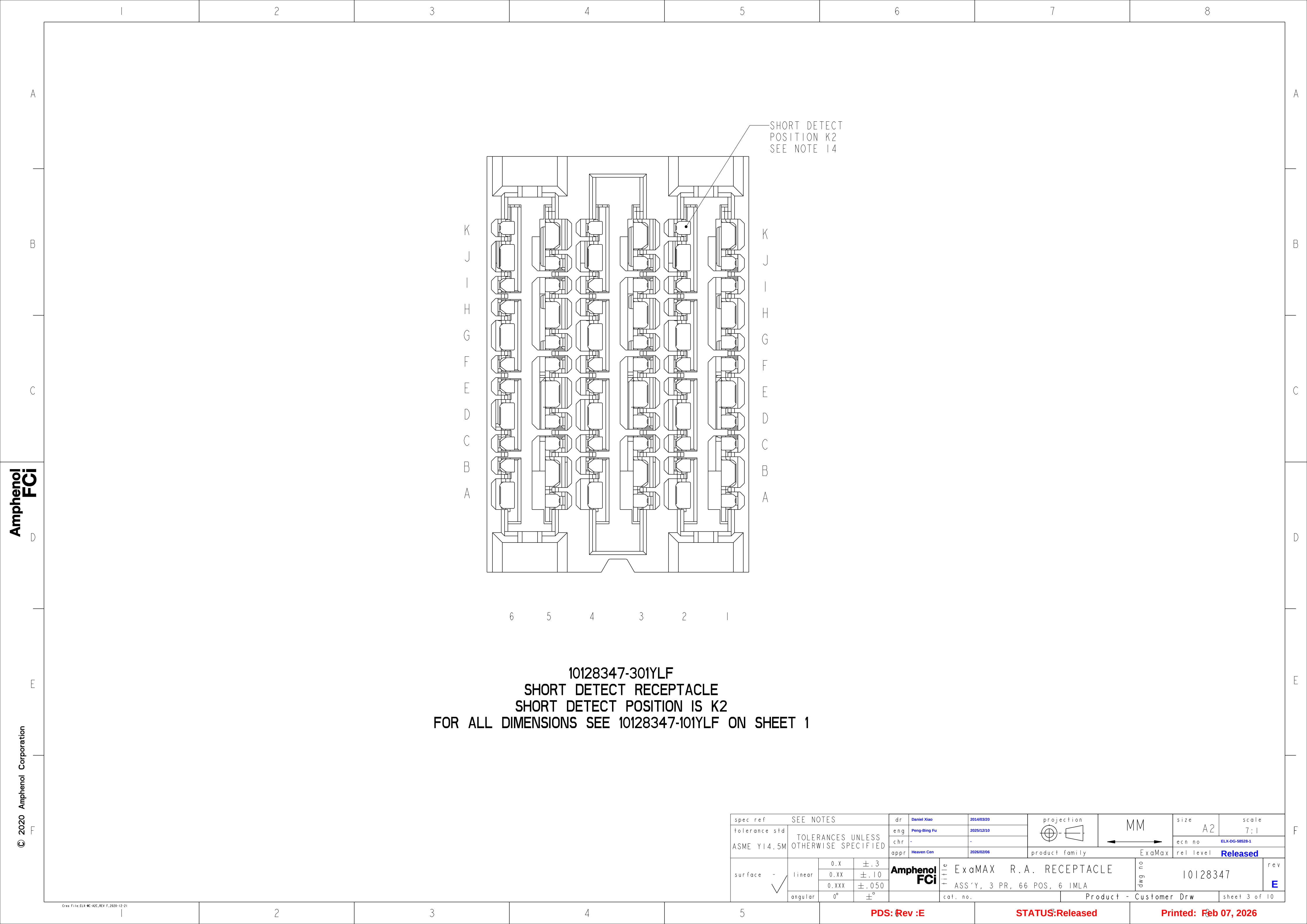


ADVANCED MATE
POSITION A5
SEE NOTE 13

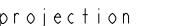
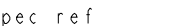
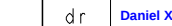
ADVANCED MATE
POSITION A1
SEE NOTE 13

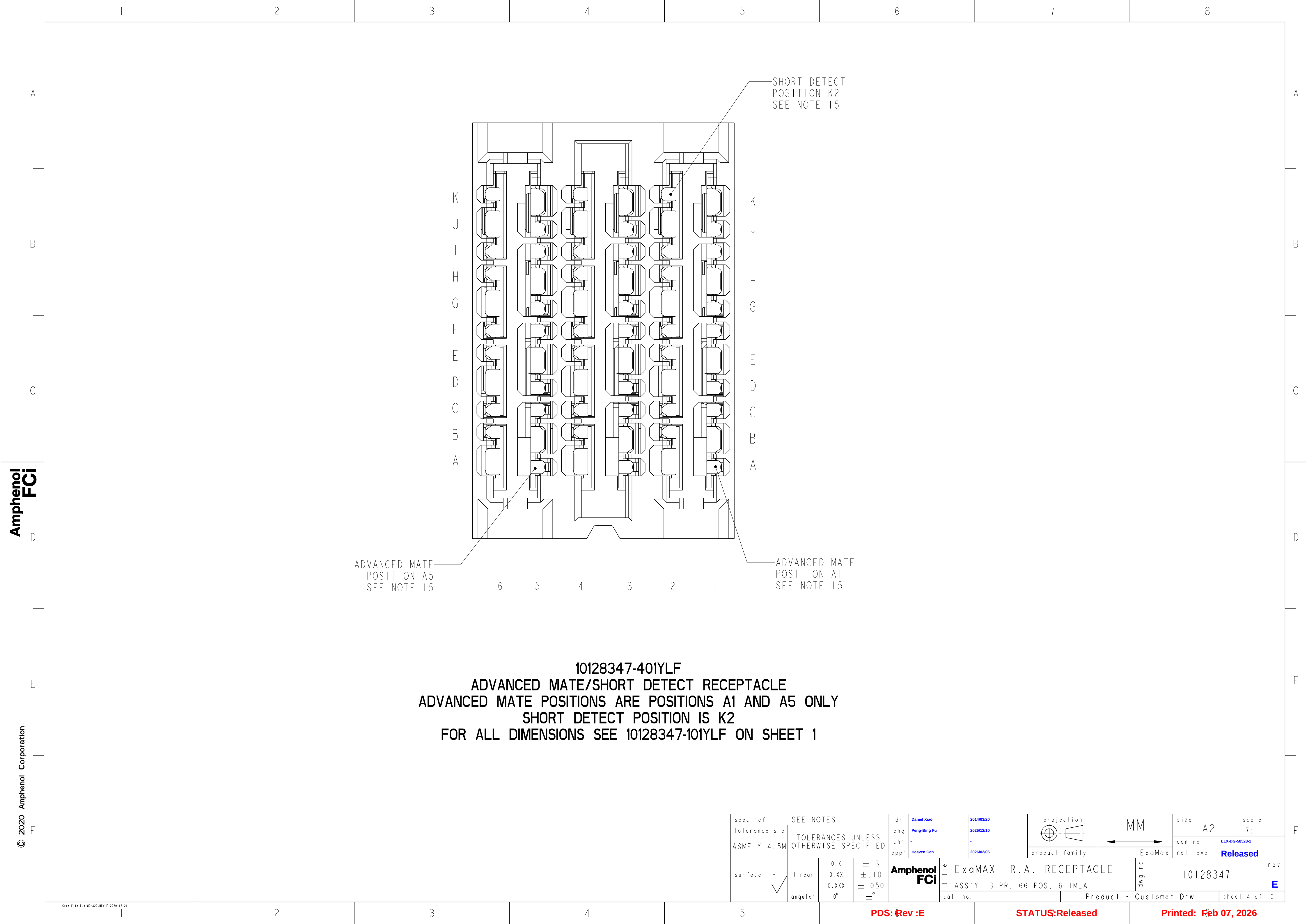
10128347-201YLF
ADVANCED MATE RECEPTACLE
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY
FOR ALL DIMENSIONS SEE 10128347-101YLF ON SHEET 1

spec ref		SEE NOTES			dr		Daniel Xiao		2014/03/20		projection		MM		size		A2		scale		7:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2025/12/10						ecn no		ELX-DG-58528-1					
ASME Y14.5M					chr		-		-						rel level		Released					
					appr		Heaven Cen		2026/02/06						product family		ExaMax					
surface		-				title		ExaMAX R.A. RECEPTACLE ASS'Y, 3 PR, 66 POS, 6 IMLA		dwg no					10128347		rev		E			
linear		0.X																			±.3	
		0.XX										±.10										
		0.XXX		±.050		cat. no.				Product - Customer Drw				sheet 2 of 10								



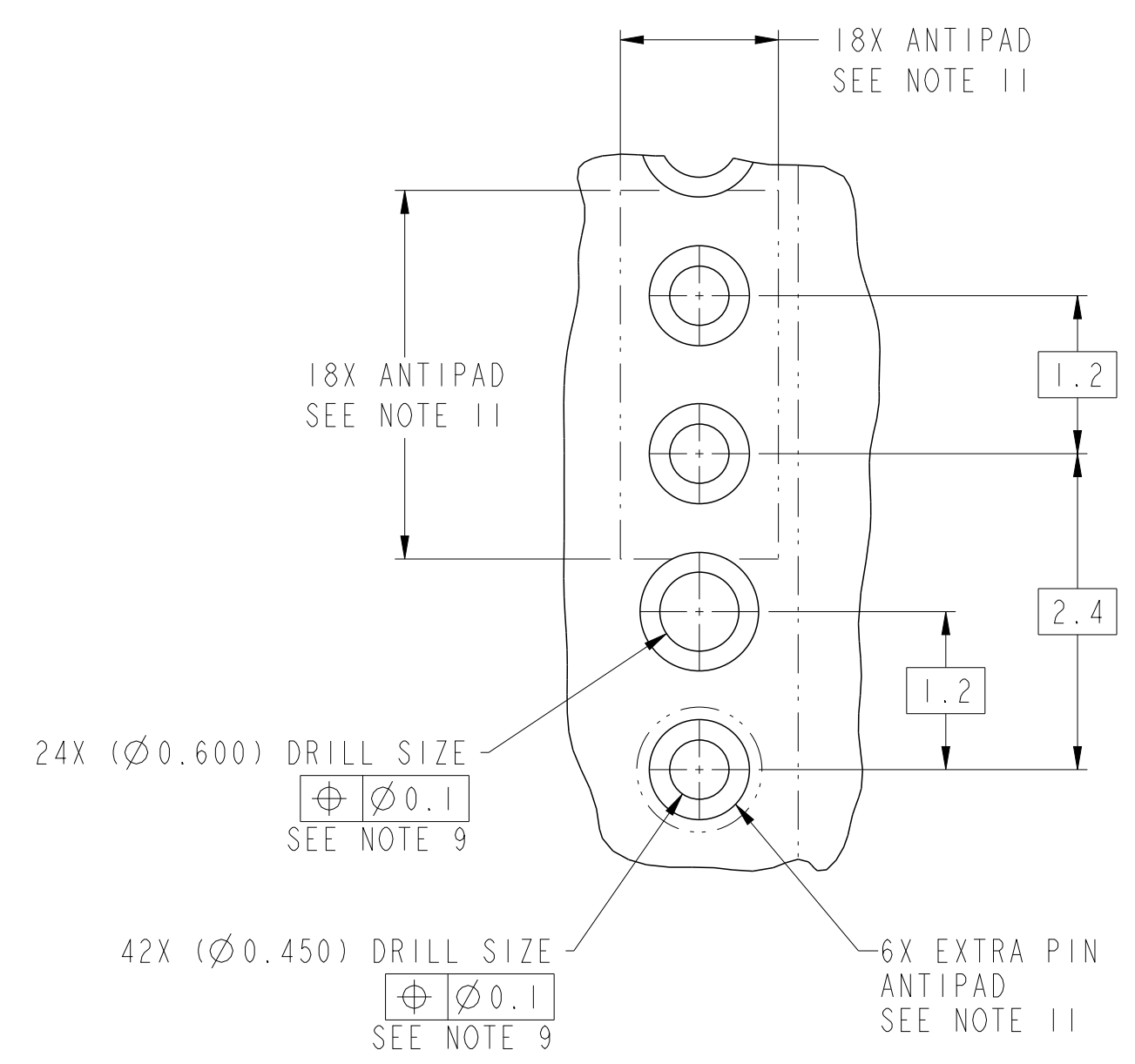
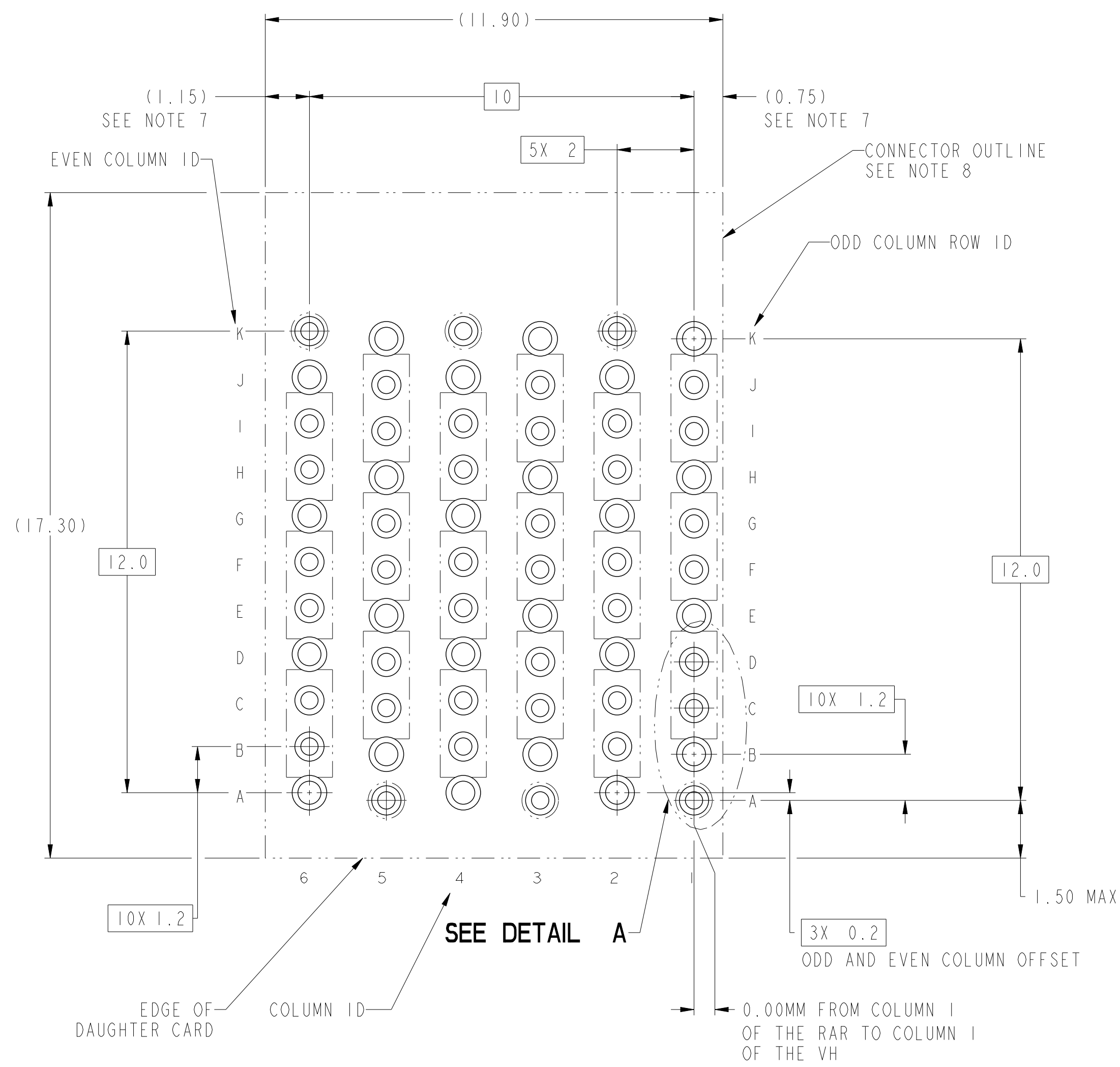
10128347-301YLF
SHORT DETECT RECEPTACLE
SHORT DETECT POSITION IS K2
FOR ALL DIMENSIONS SEE 10128347-101YLF ON SHEET 1

spec ref		SEE NOTES			dr		Daniel Xiao		2014/03/20						size		A2		scale		7:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2025/12/10						ecn no		ELX-DG-58528-1							
ASME Y14.5M					chr		-		-						-		rel level		Released					
					appr		Heaven Cen		2026/02/06						product family		ExaMax							
		linear		0.X		±.3				title		ExaMAX R.A. RECEPTACLE		dwg no		10128347		rev		E				
				0.XX		±.10																		
				0.XXX		±.050																		
		angular		0°		±°				cat. no.		Product - Customer Drw		sheet 3 of 10										



10128347-401YLF
ADVANCED MATE/SHORT DETECT RECEPTACLE
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A5 ONLY
SHORT DETECT POSITION IS K2
FOR ALL DIMENSIONS SEE 10128347-101YLF ON SHEET 1

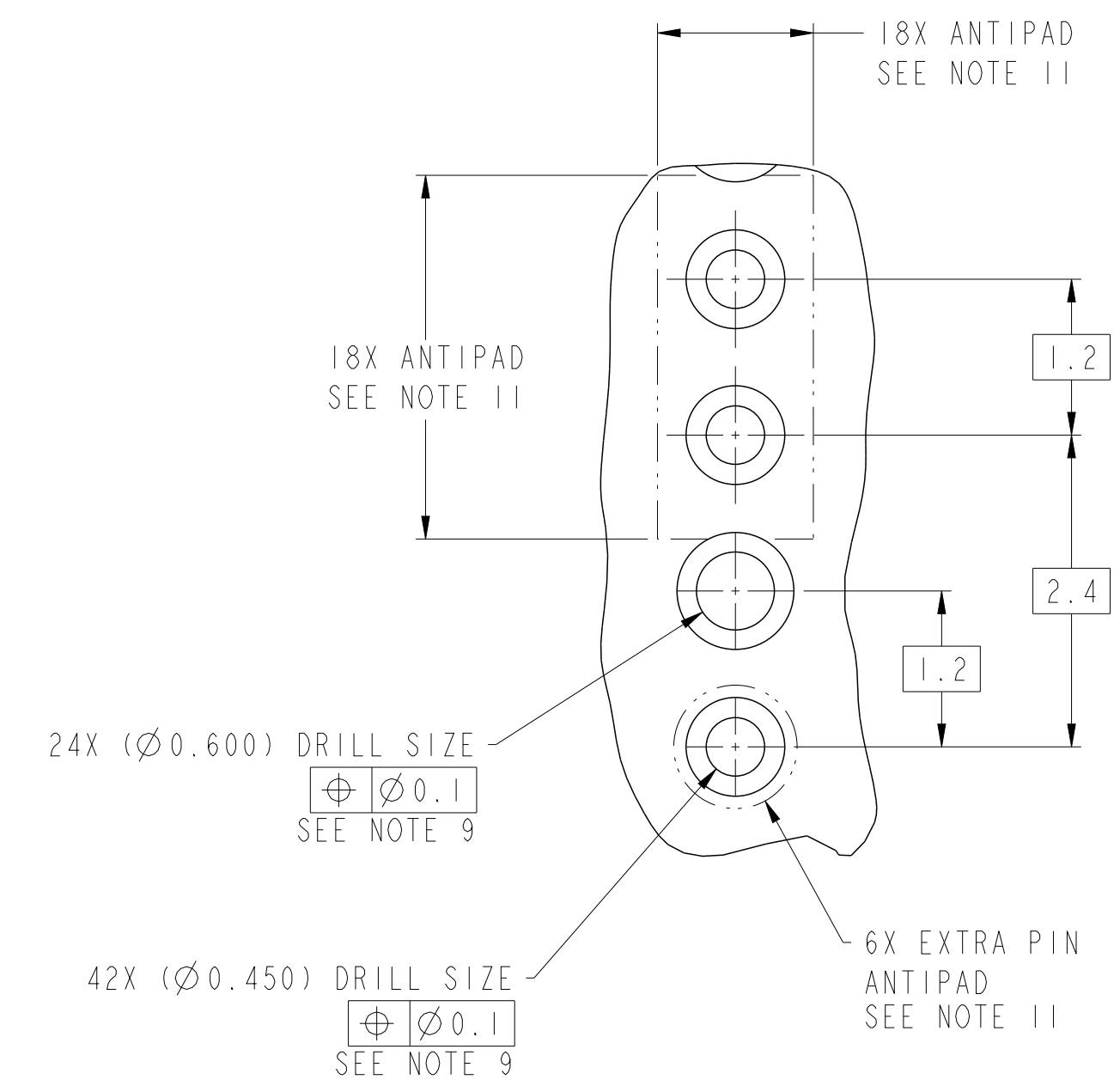
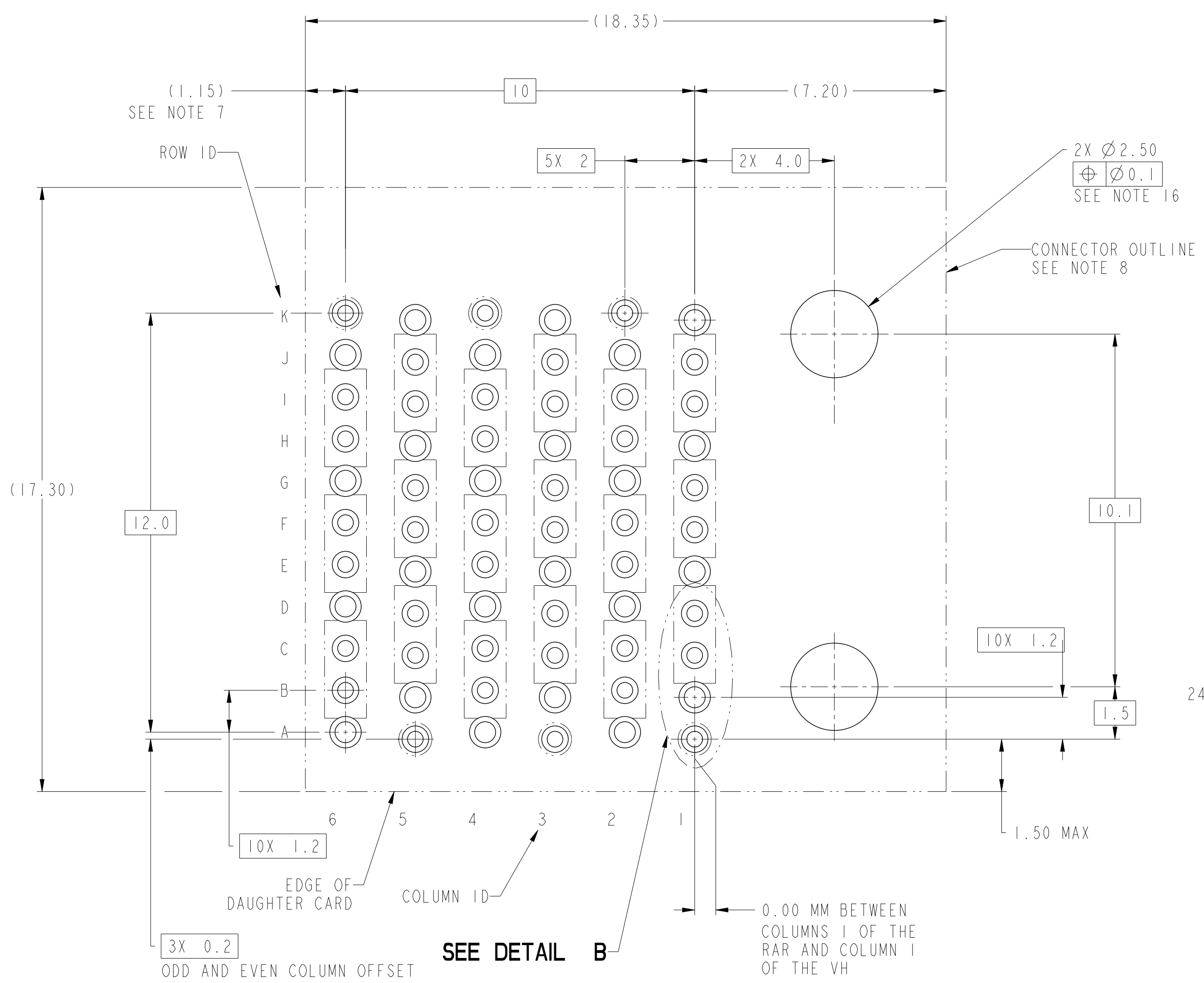
spec ref	SEE NOTES			dr	Daniel Xiao	2014/03/20			size	A2	scale	7:1			
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2025/12/10			ecn no	ELX-DG-58528-1					
ASME Y14.5M				chr	-	-			rel level			Released			
				appr	Heaven Cen	2026/02/06			product family			ExaMax			
surface	-	linear	0.X 0.XX 0.XXX	±.3 ±.10 ±.050	Amphenol FCI	title			ExaMAX R.A. RECEPTACLE	dwg no	10128347		rev	E	
	✓	angular	0°	±°		cat. no.			Product - Customer Drw			sheet 4 of 10			



DETAIL A
SCALE 20:1

10128347-Y01YLF RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, & 11
SCALE 10:1

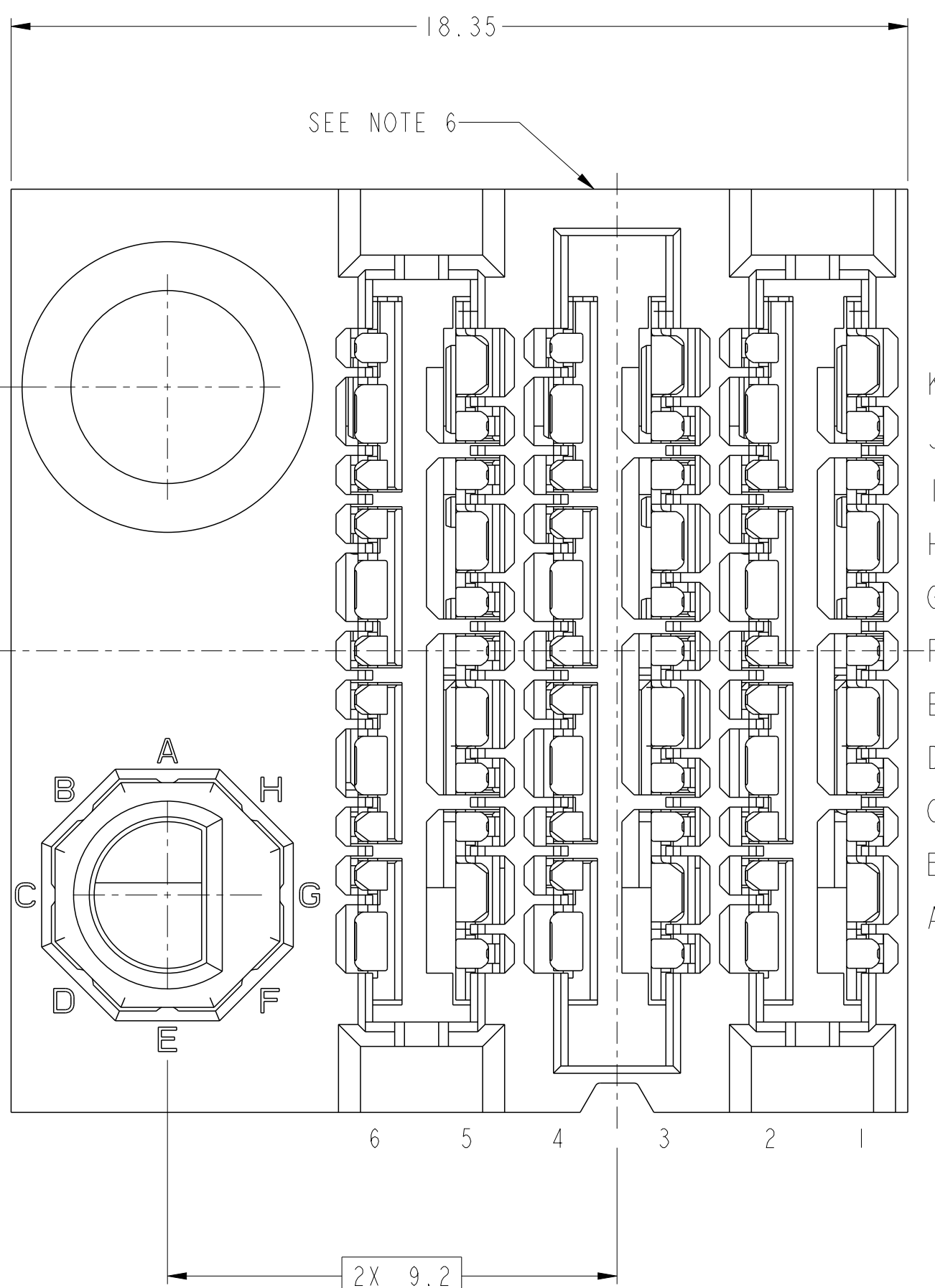
spec ref		SEE NOTES		dr		Daniel Xiao		2014/03/20		projection		MM		size		A2		scale		7:1									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2025/12/10						ecn no		ELX-DG-58528-1													
ASME Y14.5M				chr		-		-						rel level		Released													
		appr		Heaven Cen		2026/02/06		product family						ExaMax															
surface -		linear		0.X		±.3		Amphenol FCI		title		ExaMAX R.A. RECEPTACLE ASS'Y, 3 PR, 66 POS, 6 IMLA						dwg no		10128347						rev		E	
				0.XX		±.10																							
				0.XXX		±.050																							
		angular		0°		±°				cat. no.		Product- Customer Drw						sheet 5 of 10											



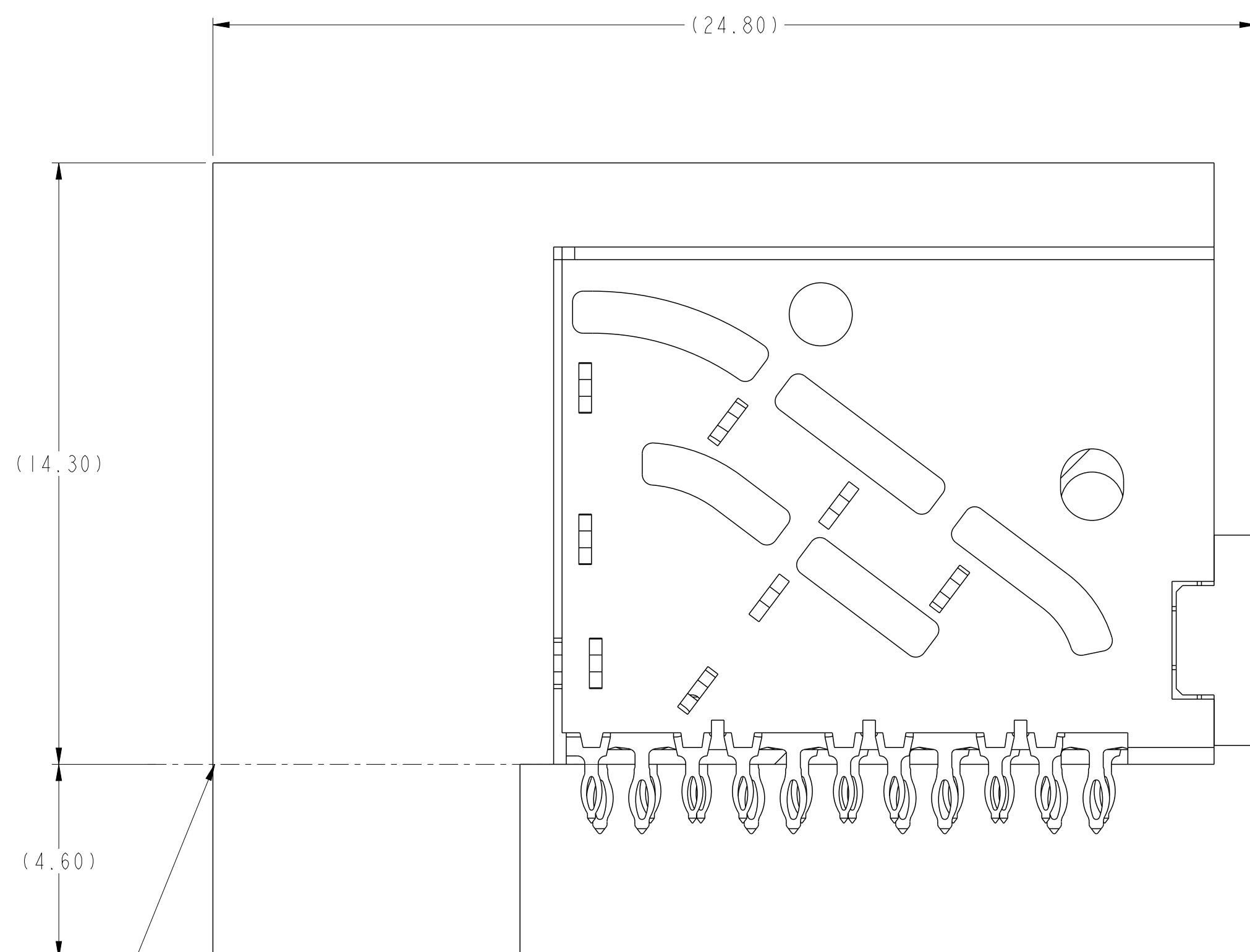
10128347-Y1AYLF THRU -Y1JYLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 10:1

DETAIL B
SCALE 20:1

spec ref	SEE NOTES	dr	Daniel Xiao	2014/03/20	projection	MM	size	A2	scale	7:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Peng-Bing Fu	2025/12/10	chr	-	ecn no	ELX-DG-58528-1	rel level	Released
ASME Y14.5M		appr	Heaven Cen	2026/02/06	product family	ExaMax	rel level	Released	rev	E
surface	linear	0.X	±.3	0.XX	±.10	0.XXX	±.050	angular	0°	±°
Amphenol FCI		title		ExaMAX R.A. RECEPTACLE		ASS'Y, 3 PR, 66 POS, 6 IMLA		cat. no.		Product - Customer Drw
PDS: Rev :E		STATUS:Released		Printed: Feb 07, 2026		sheet 7 of 10				

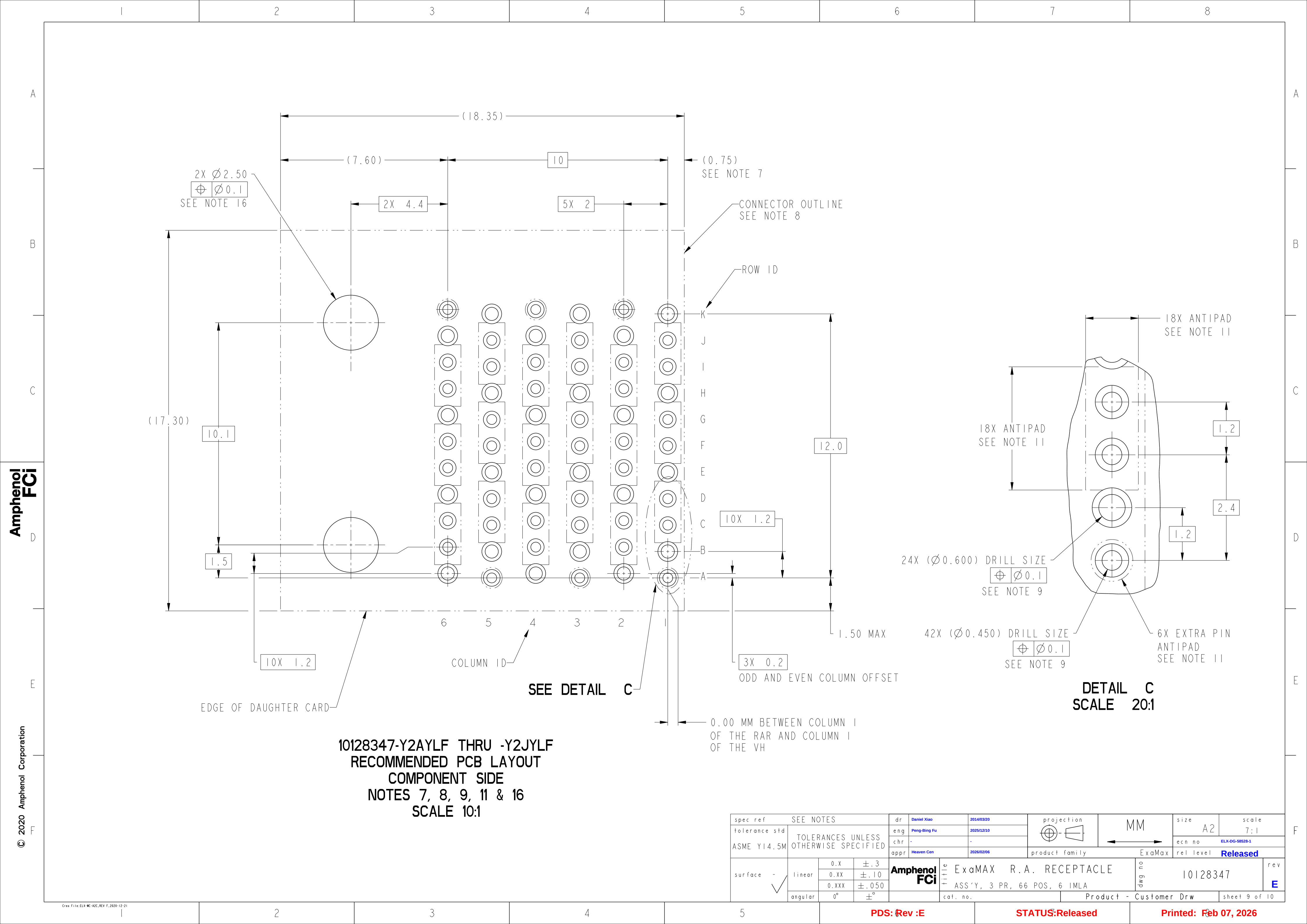


TOP SURFACE
OF DAUGHTER CARD

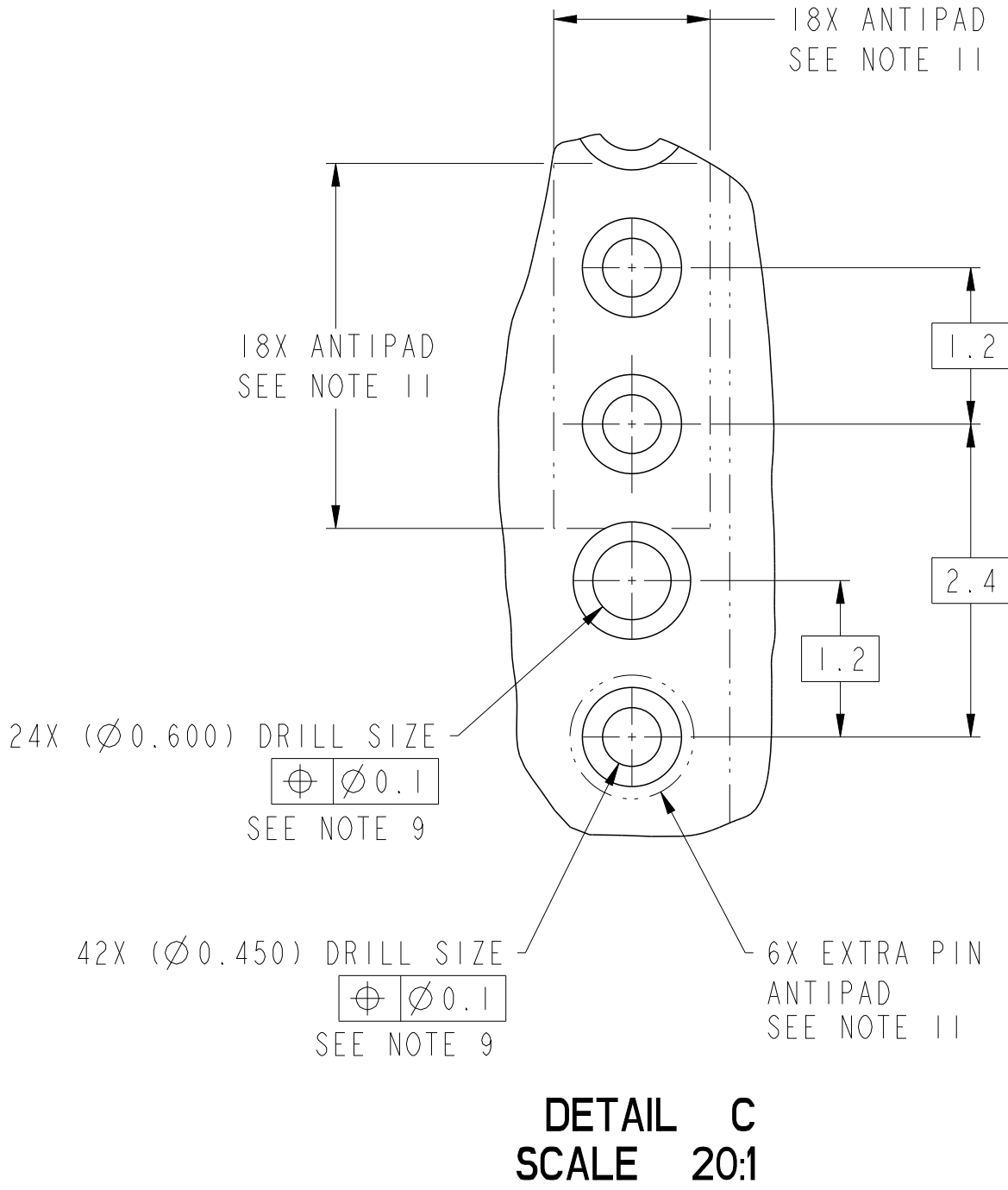


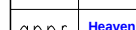
10128347-Y2AYLF THRU 10128347-Y2JYLF
LEFT GUIDANCE (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE 10128347-101YLF ON SHEET 1

spec ref		SEE NOTES			dr		Daniel Xiao		2014/03/20		projection		MM		size		A2		scale		7:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2025/12/10						ecn no		ELX-DG-58528-1					
ASME Y14.5M					chr		-		-						rel level		Released					
					appr		Heaven Cen		2026/02/06						product family		ExaMax					
surface -		linear		0.X		±.3		Amphenol FCI		title		ExaMAX R.A. RECEPTACLE		dwg no		10128347		rev		E		
				0.XX		±.10																
		0.XXX		±.050		cat. no.																Product- Customer Drw
		angular		0°		±°																



10128347-Y2AYLF THRU -Y2JYLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 10:1

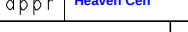


spec ref	SEE NOTES			dr	Daniel Xiao	2014/03/20			size	A2	scale	7:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2025/12/10			ecn no	ELX-DG-58528-1				
ASME Y14.5M				chr	-	-			appr	Heaven Cen	2026/02/06	product family		ExaMax
surface - 	linear	0.X	±.3		title					ExaMAX R.A. RECEPTACLE	dwg no	10128347	rev	E
		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:
-YYYYLF: 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
-YYY2LF: GXT+OVER NICKEL
-YYY9LF: GXT OVER NICKEL
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, 10128347-2YYYYLF, WHEN MATED WITH AN ADVANCED MATE VERTICAL HEADER OR AN ADVANCED MATE RIGHT ANGLE HEADER WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.80MM BEFORE THE REMAINDER OF THE SIGNAL AND GROUND CONTACTS.

- ⑭ - THE SHORT DETECT RECEPTACLE, 10128347-3YYYYLF, 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, 10128347-4YYYYLF, WHEN MATED WITH AN ADVANCED MATE VERTICAL HEADER OR AN ADVANCED MATE RIGHT ANGLE HEADER WILL PROVIDE 2 PAIRS OF MATING CONTACTS THAT MATE 0.80MM 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		Daniel Xiao		2014/03/20						size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2025/12/10				ecn no		ELX-DG-58528-1		rel level		Released			
ASME Y14.5M					chr		-		-						2026/02/06							
appr		Heaven Cen		2026/02/06																		
		linear		0.X		±.3				title		ExaMAX R.A. RECEPTACLE		dwg no		10128347		rev		E		
				0.XX		±.10																
				0.XXX		±.050																
		angular		0°		±°				cat. no.		Product - Customer Drw		sheet 10 of 10								