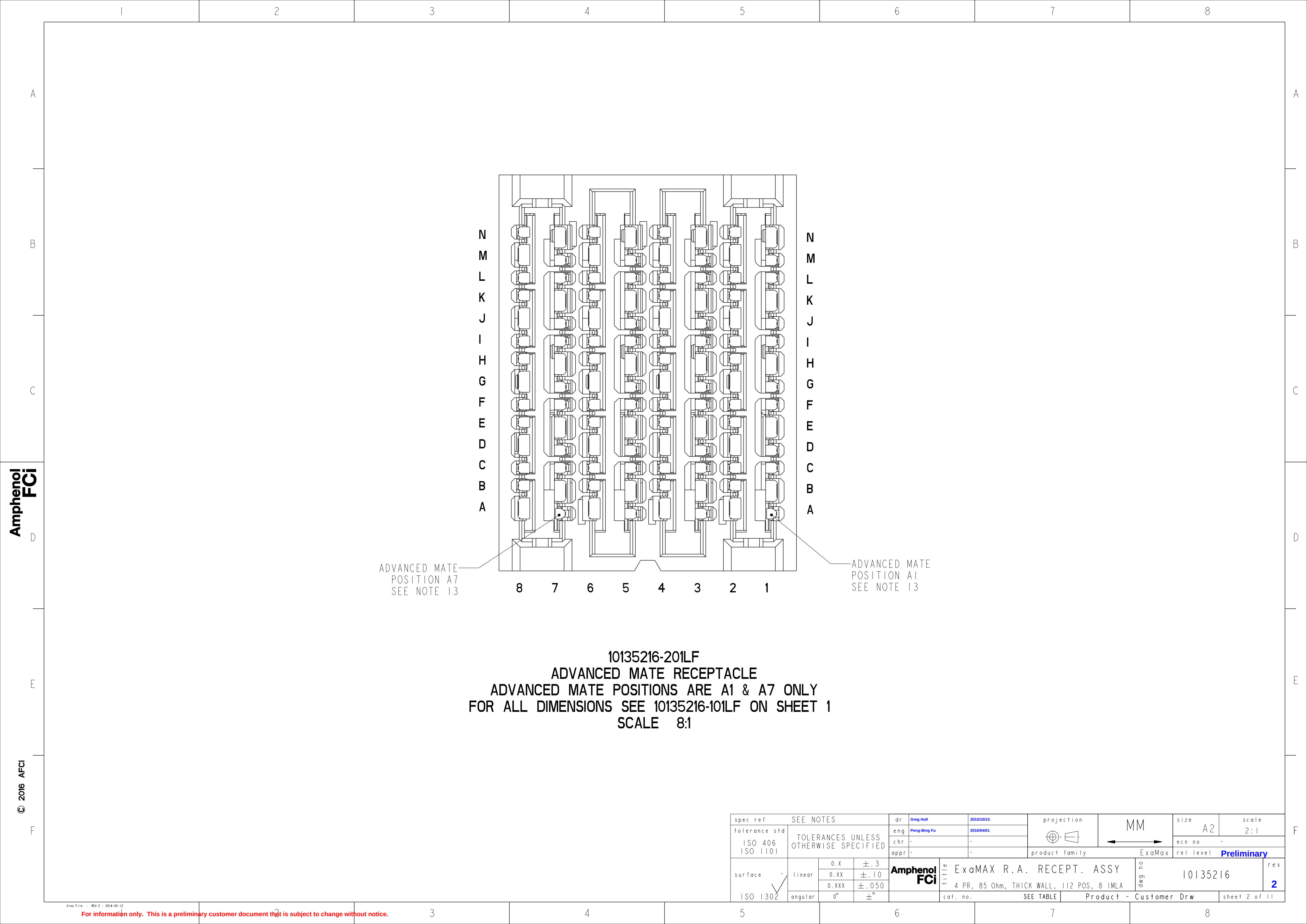




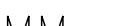
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ADVANCED MATE
POSITION A7
SEE NOTE 13

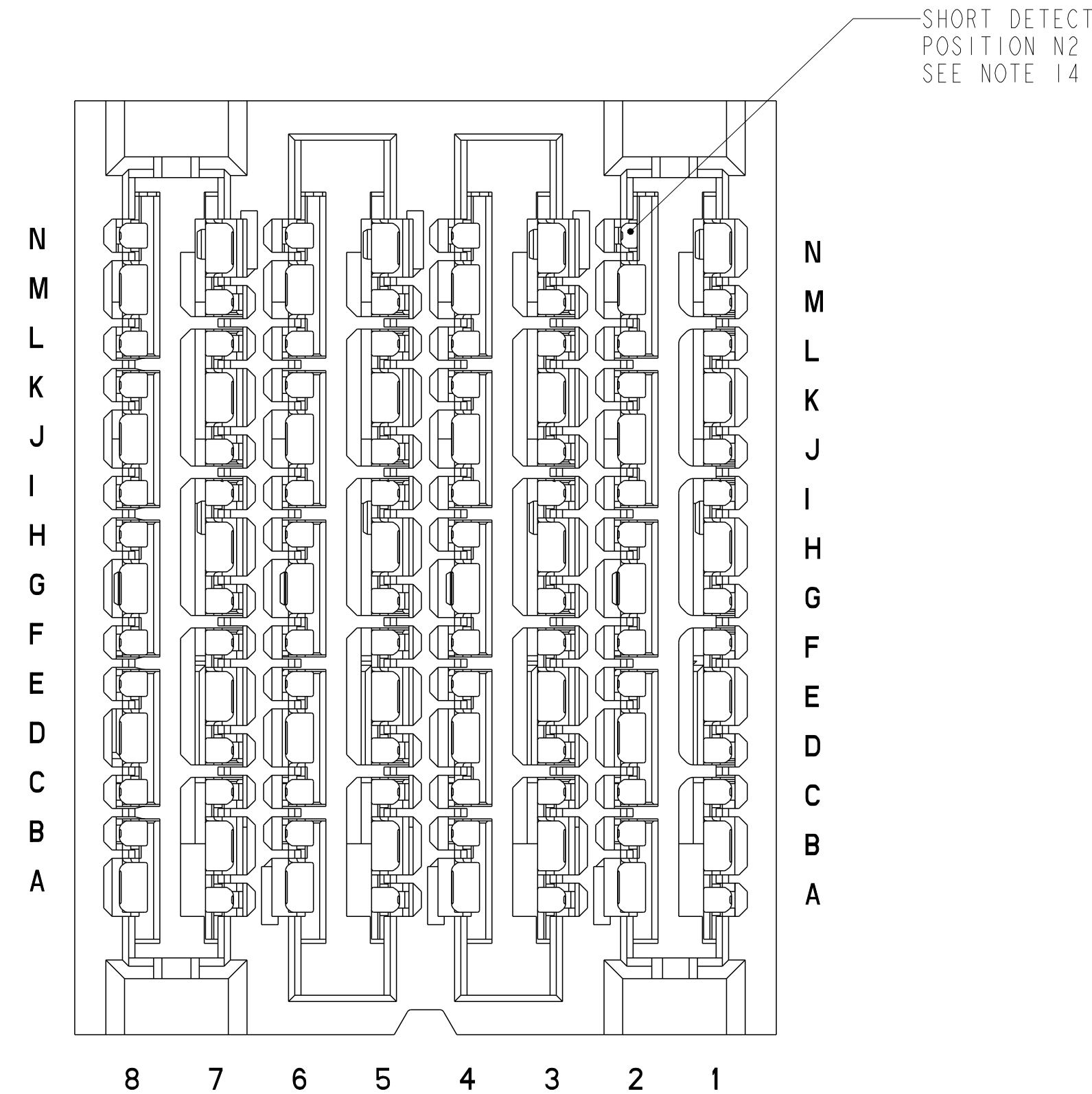
ADVANCED MATE
POSITION A1
SEE NOTE 13

10135216-201LF
ADVANCED MATE RECEPTACLE
ADVANCED MATE POSITIONS ARE A1 & A7 ONLY
FOR ALL DIMENSIONS SEE 10135216-101LF ON SHEET 1
SCALE 8:1

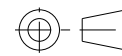
spec ref		SEE NOTES				dr		Greg Hull		2015/10/15		projection				size		A2		scale		2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Peng-Bing Fu		2016/04/01						ecn no		-							
ISO 406						chr		-		-															
ISO 1101						appr		-		-															
												product family				ExaMax		rel level		Preliminary					
surface		linear		0.X		±.3		Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY						dwg no		10135216		rev		2	
				0.XX		±.10						4 PR, 85 Ohm, THICK WALL, 112 POS, 8 IMLA													
				0.XXX		±.050																			
ISO 1302		angular		0°		±°				cat. no.		SEE TABLE		Product - Customer Drw						sheet 2 of 11					

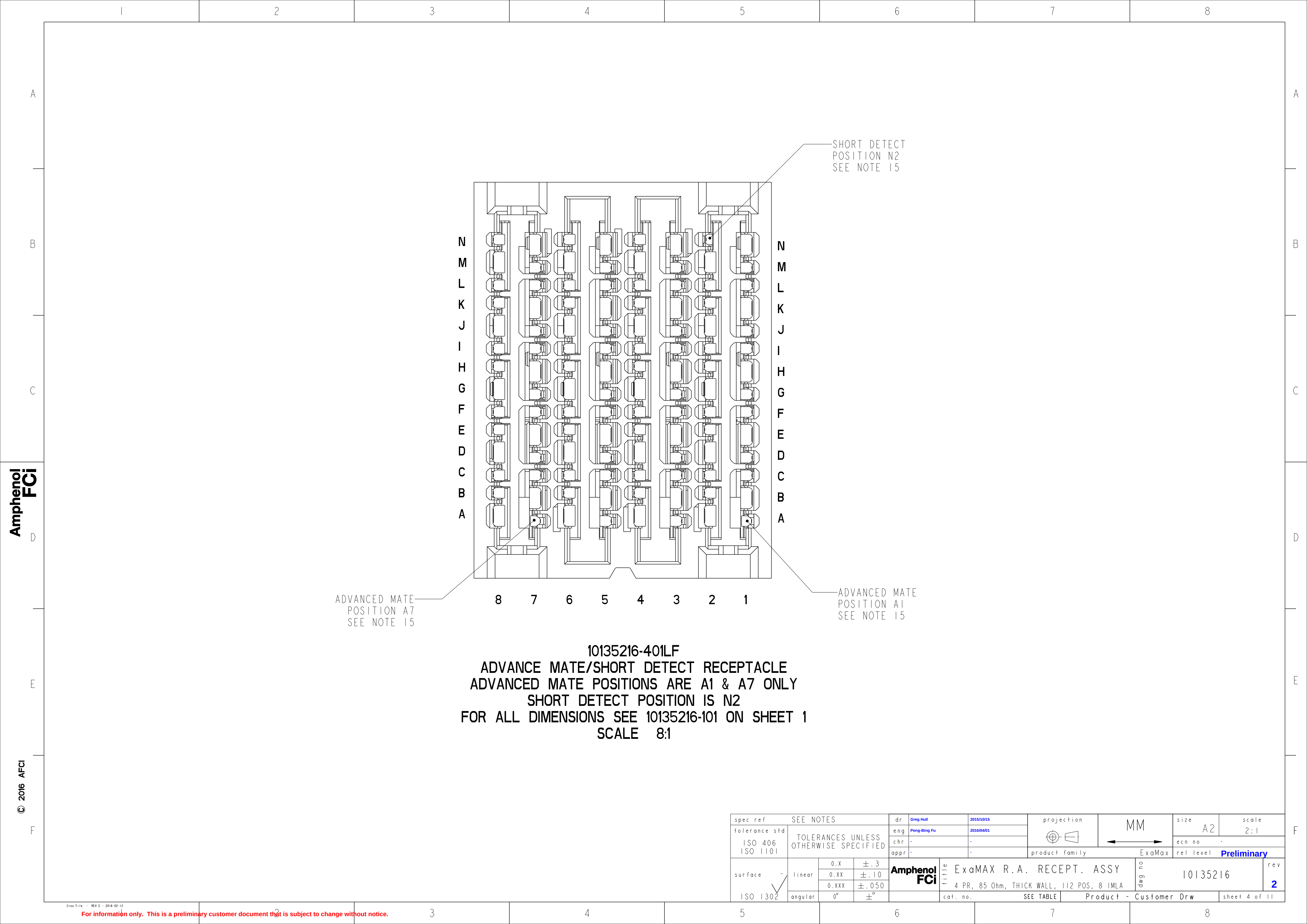
Amphenol
FCI

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10135216-301LF
SHORT DETECT RECEPTACLE
SHORT DETECT POSITION IS N2
FOR ALL DIMENSIONS SEE 10135216-101LF ON SHEET 1
SCALE 8:1

spec ref		SEE NOTES				dr		Greg Hull		2015/10/15		projection				size		A2		scale		2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Peng-Bing Fu		2016/04/01						ecn no		-							
ISO 406						chr		-		-															
ISO 1101						appr		-		-															



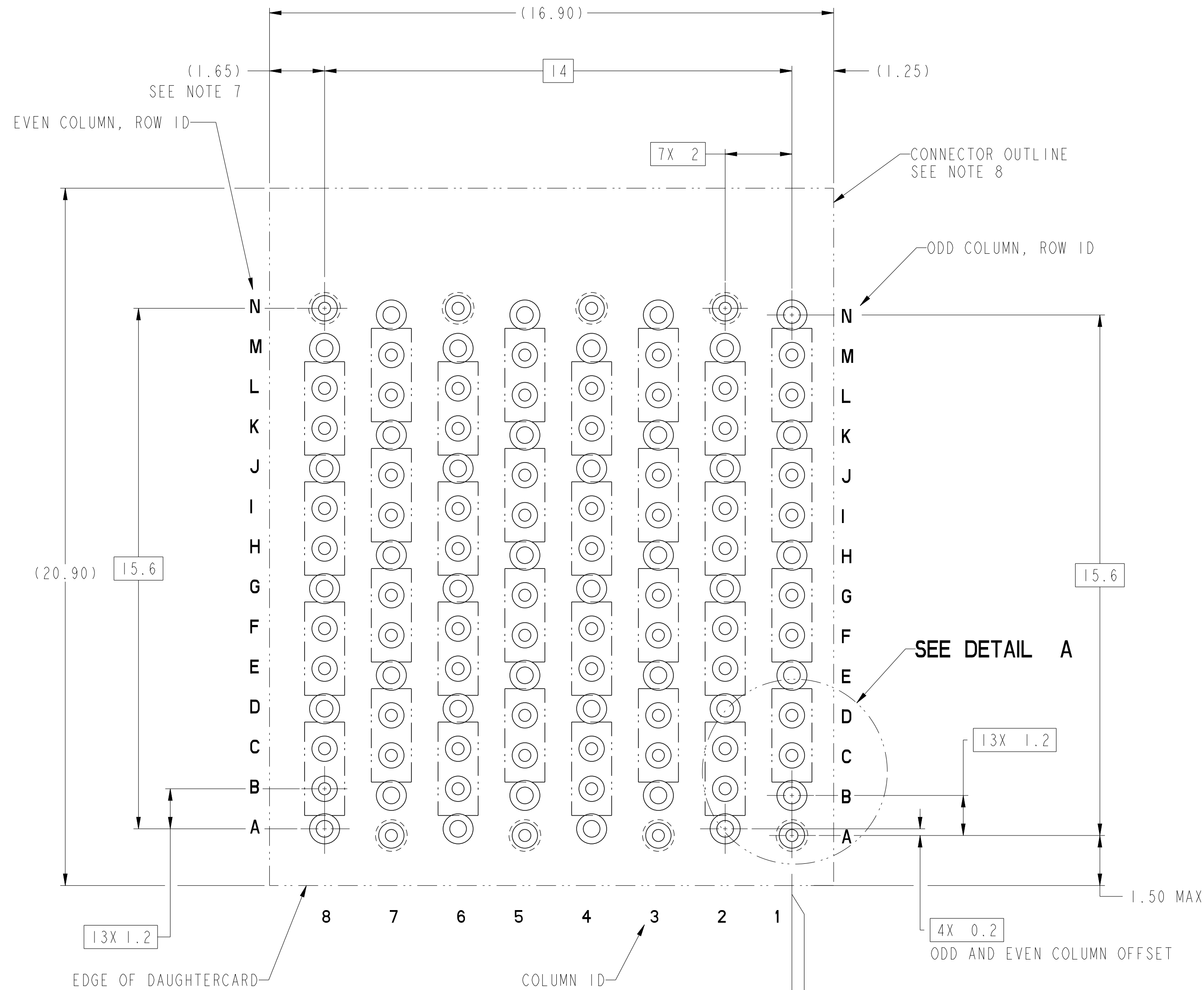
Amphenol
FCi

© 2016 AFci

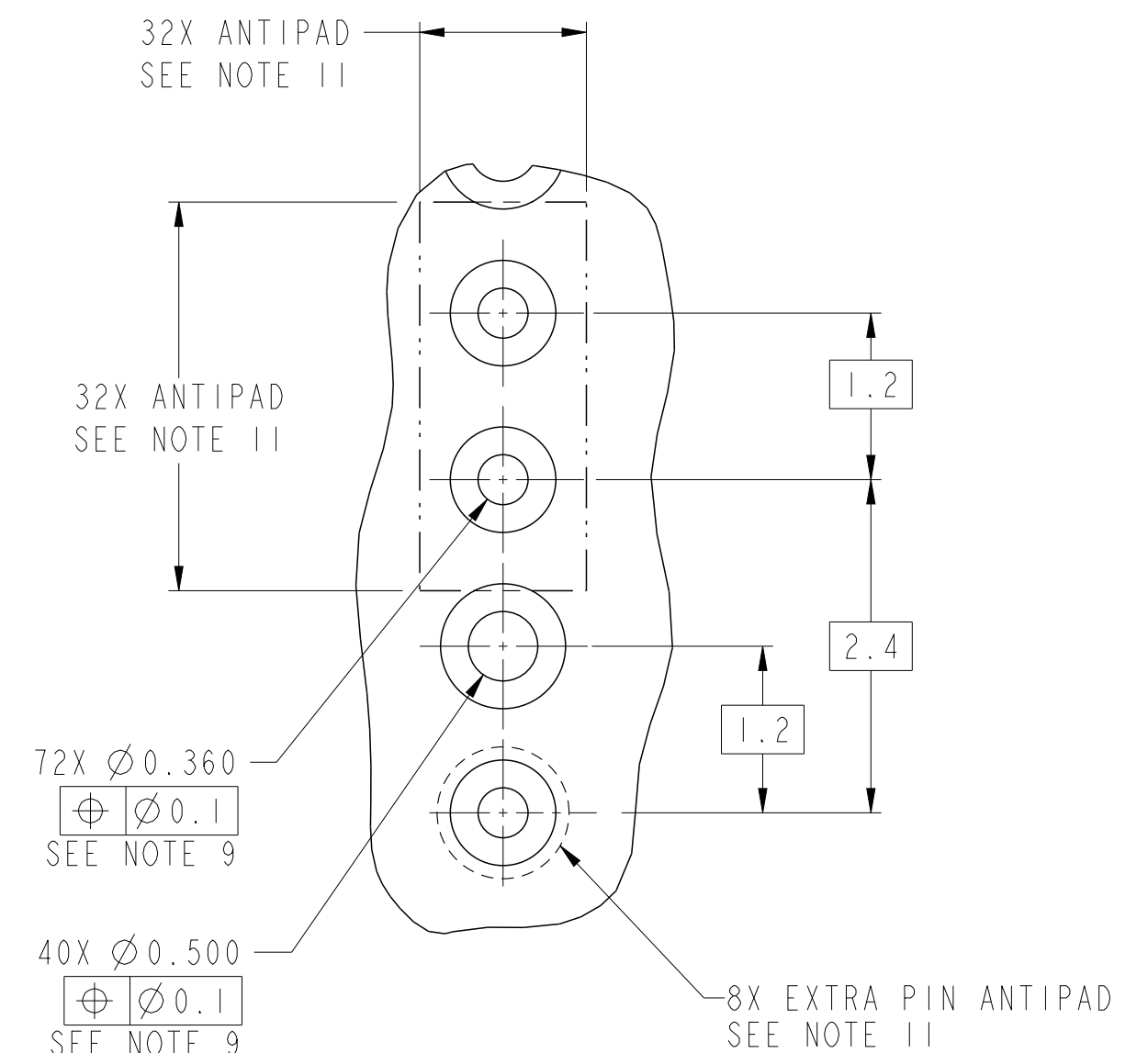
10135216-401LF
ADVANCE MATE/SHORT DETECT RECEPTACLE
ADVANCED MATE POSITIONS ARE A1 & A7 ONLY
SHORT DETECT POSITION IS N2
FOR ALL DIMENSIONS SEE 10135216-101 ON SHEET 1
SCALE 8:1

spec ref		SEE NOTES				dr		Greg Hull		2015/10/15		projection				size		A2		scale		2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng		Peng-Bing Fu		2016/04/01						ecn no		-					
ISO 406						chr		-		-													
ISO 1101						appr		-		-													
												product family		ExaMax		rel level		Preliminary					
surface		linear		0.X ±.3		±.10		Amphenol FCi		title		ExaMAX R.A. RECEPT. ASSY		4 PR, 85 Ohm, THICK WALL, 112 POS, 8 IMLA		dwg no		10135216		rev		2	
		0.XX ±.050																					
ISO 1302		angular		0° ±°																			
												cat. no.		SEE TABLE		Product - Customer Drw				sheet 4 of 11			

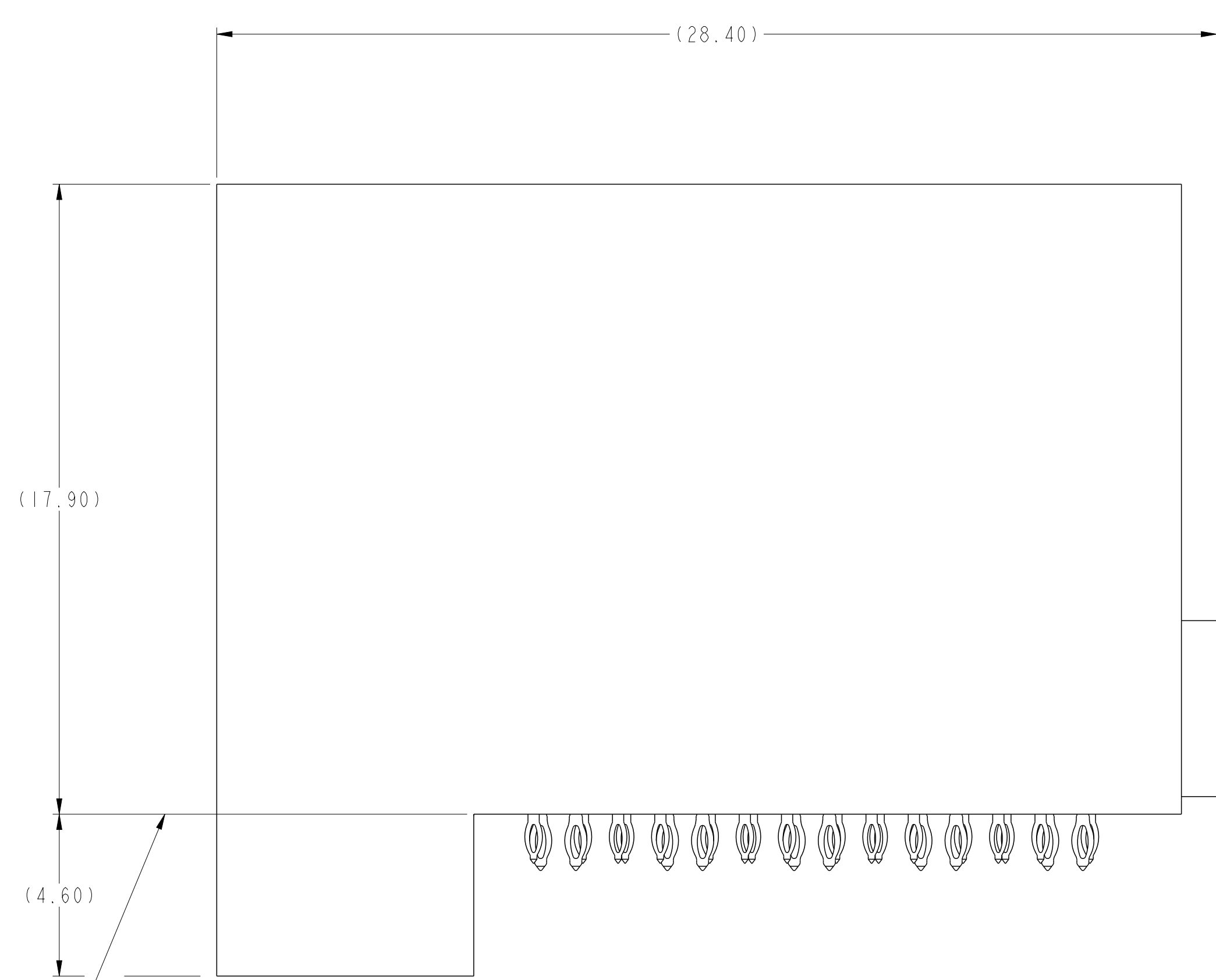
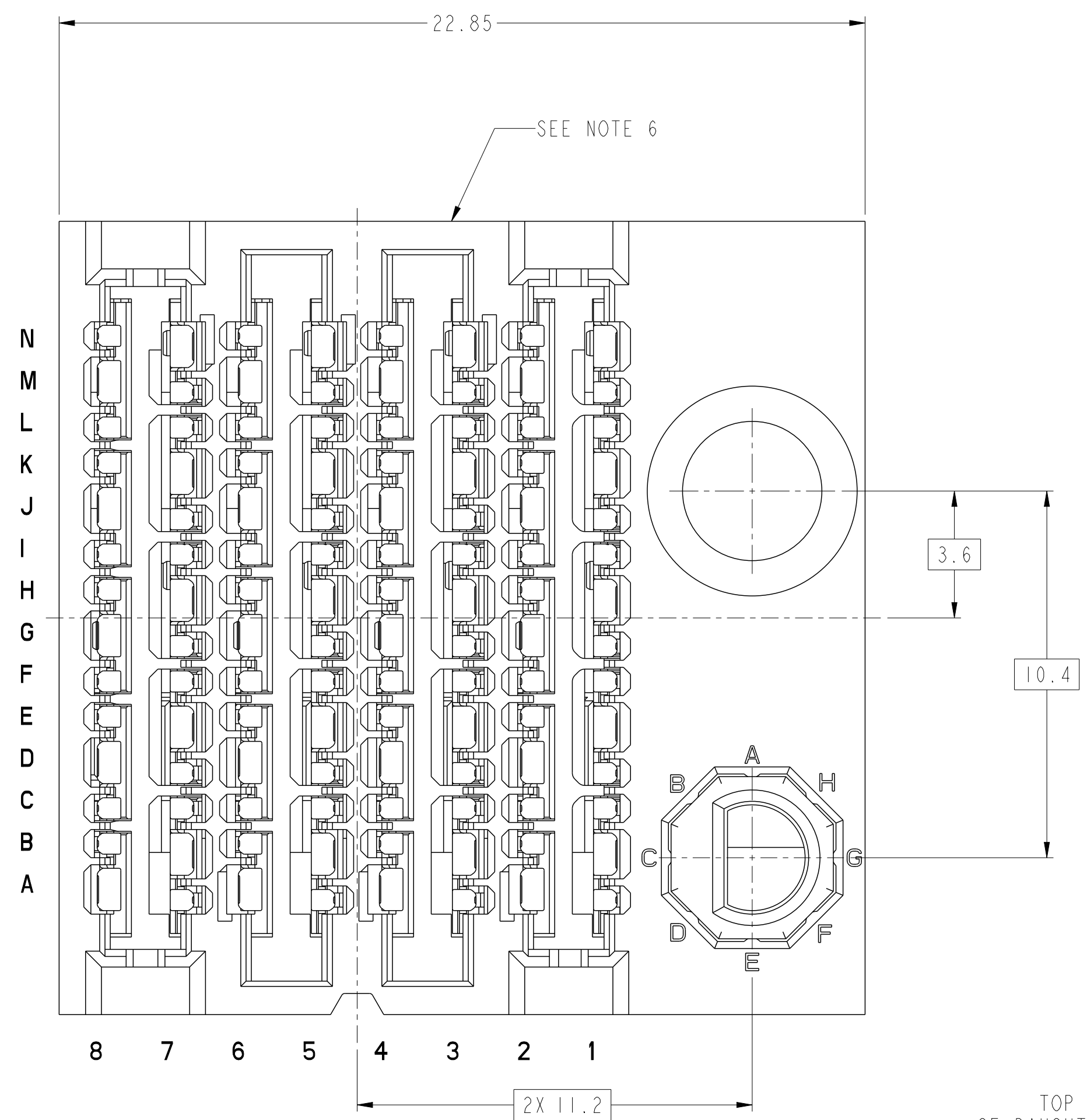
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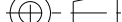
10135216-X01LF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, & 11
SCALE 10:1



spec ref		SEE NOTES		dr		Greg Hull		2015/10/15		projection		MM		size		A2		scale		5:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2016/04/01						ecn no		-		rel level		Preliminary					
ISO 406				chr		-		-																	
ISO 1101				appr		-		-																	
surface		linear		0.X		±.3		Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY		dwg no		10135216		rev		2					
																						0.XX		±.10	
																						0.XXX		±.050	
ISO 1302		angular		0°		±°		cat. no.		-		Product -		Customer Drw		sheet 5 of 11									

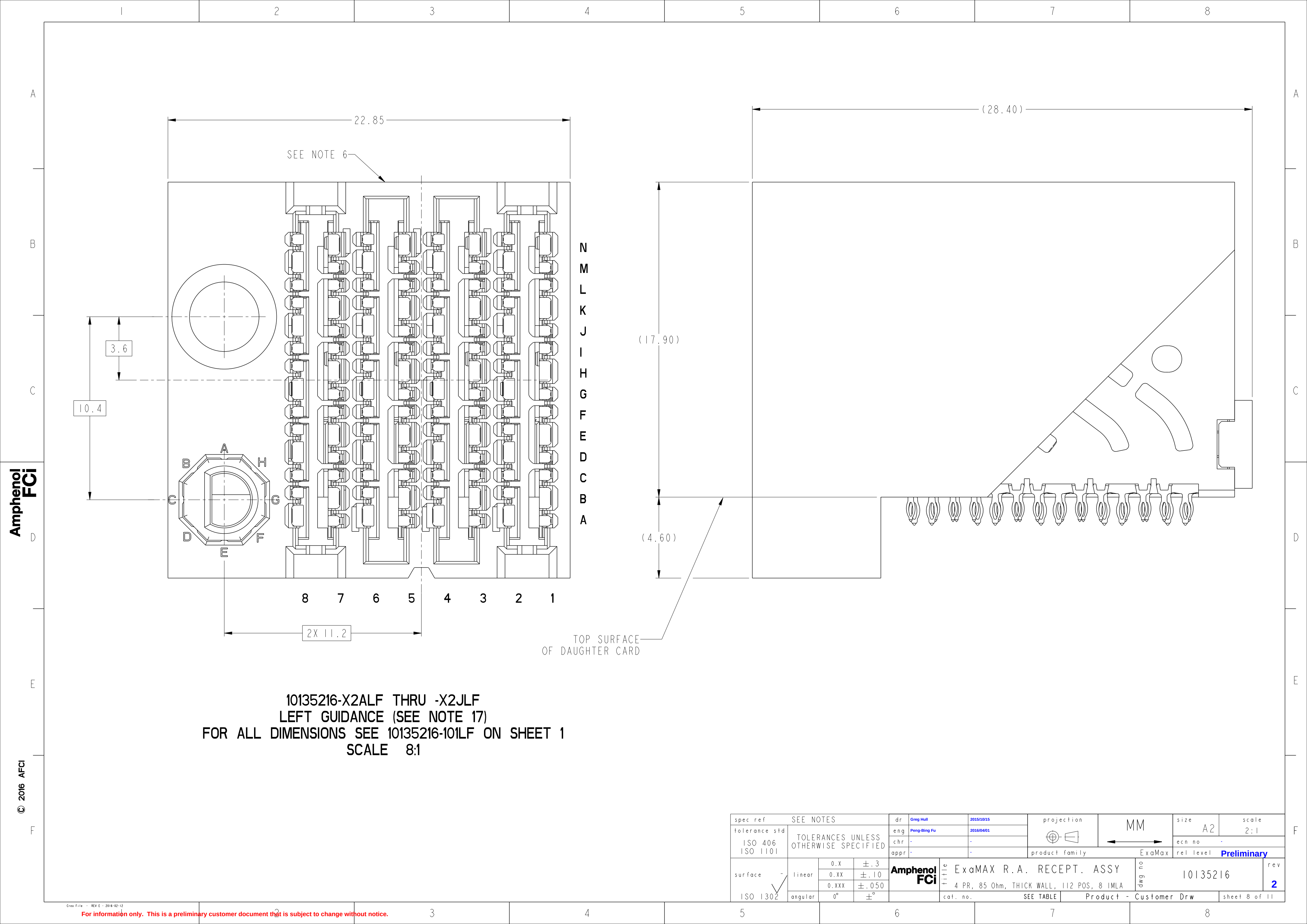


10135216-X1ALF THRU -X1JLF
RIGHT GUIDANCE (SEE NOTE 17)
FOR ALL DIMENSION SEE 10135216-101LF ON SHEET 1
SCALE 8:1

spec ref		SEE NOTES			dr	Greg Hull	2015/10/15	projection 	MM 	size	A2	scale	2:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2016/04/01			ecn no -			
ISO 406 ISO 1101					chr	-	-						
					appr	-	-	product family		ExaMax		rel level Preliminary	
surface ISO 1302	linear 	0.X		±.3	Amphenol FCi	title	ExaMAX R.A. RECEPT. ASSY			dwg no	10135216		rev
		0.XX		±.10			4 PR, 85 Ohm, THICK WALL, 112 POS, 8 IMLA						
		0.XXX		±.050									
	angular	0°		±°		cat. no.	SEE TABLE	Product - Customer Drw			sheet 6 of 11		

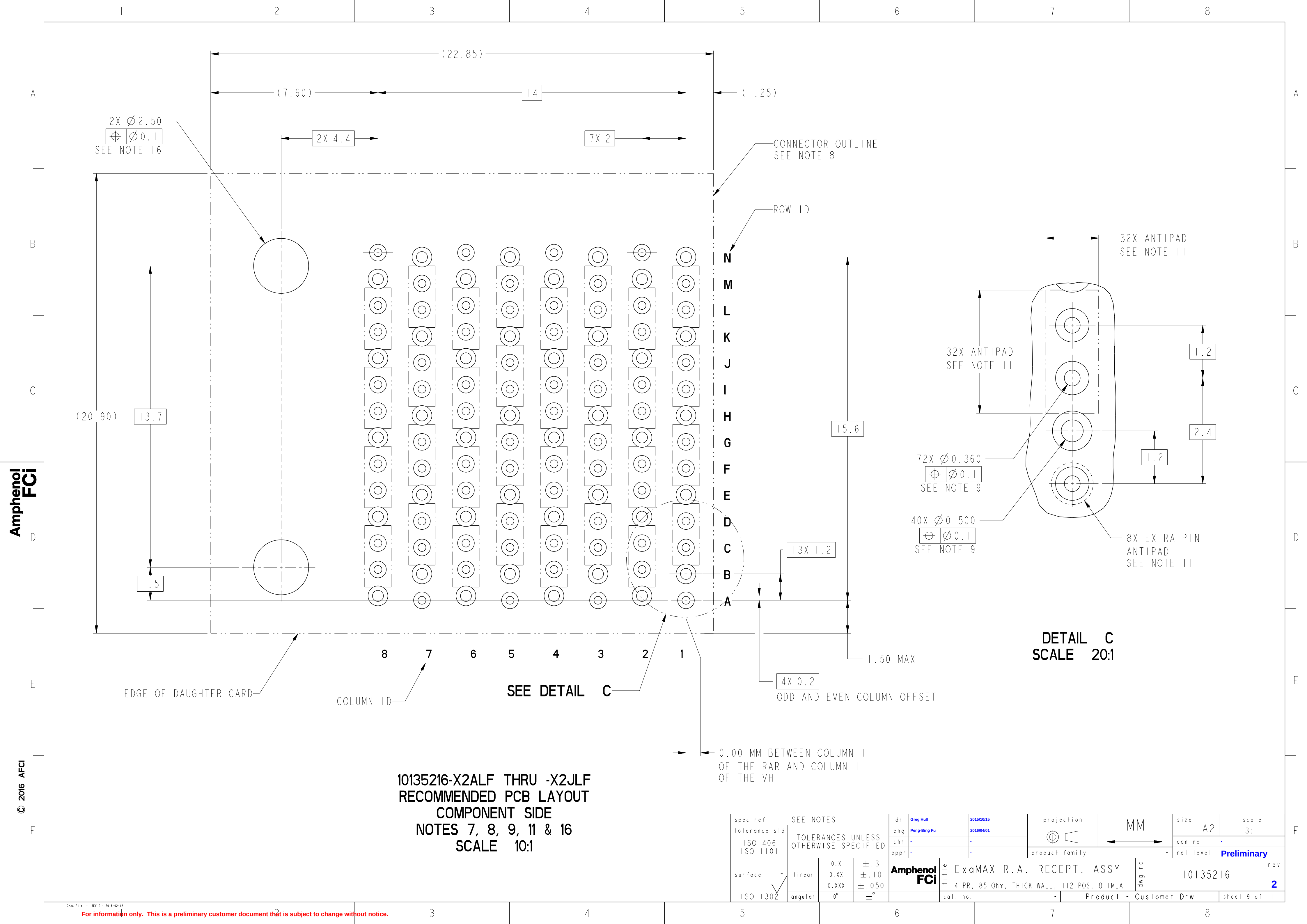


spec ref	SEE NOTES			dr	Greg Hull	2015/10/15	projection 	MM 	size	A2	scale	3:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2016/04/01			ecn no	-			
ISO 406 ISO 1101				chr	-	-			product family	-	rel level	Preliminary	
surface ISO 1302	linear	0.X	±.3	Amphenol FCI	title	ExaMAX R.A. RECEPT. ASSY 4 PR, 85 Ohm, THICK WALL, 112 POS, 8 IMLA			dwg no	10135216		rev	2
		0.XX	±.10										
		0.XXX	±.050										
	angular	0°	±°		cat. no.	-	Product - Customer Drw			sheet 7 of 11			



10135216-X2ALF THRU -X2JLF
LEFT GUIDANCE (SEE NOTE 17)
FOR ALL DIMENSIONS SEE 10135216-101LF ON SHEET 1
SCALE 8:1

spec ref		SEE NOTES			dr		Greg Hull		2015/10/15		projection		MM		size		A2		scale		2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2016/04/01						ecn no		-		rel level		Preliminary	
ISO 406					chr		-		-						product family		ExaMax					
ISO 1101					appr		-		-													
surface					linear		0.X		±.3						Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY		dwg no	
				0.XX		±.10																
				0.XXX		±.050																
ISO 1302		angular		0°		±°						cat. no.		SEE TABLE		Product - Customer Drw		sheet 8 of 11				



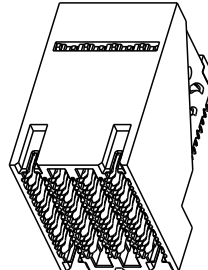
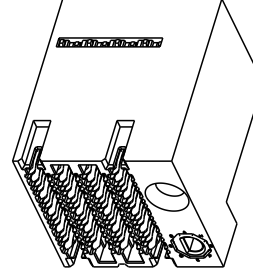
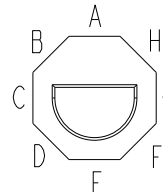
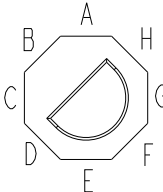
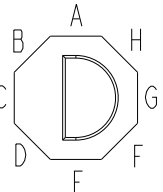
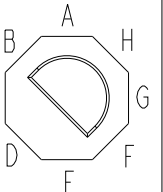
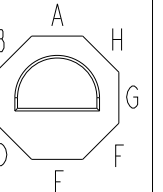
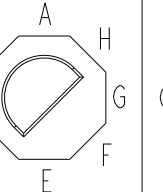
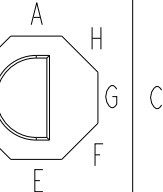
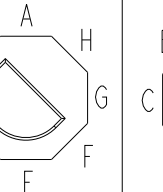
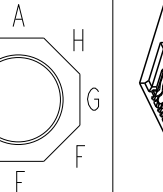
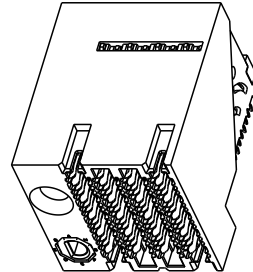
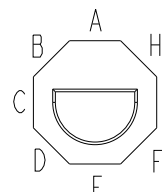
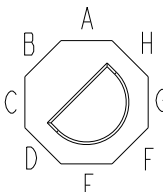
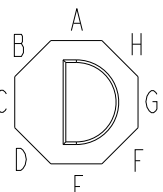
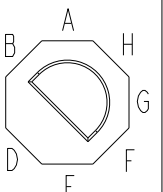
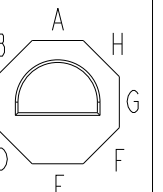
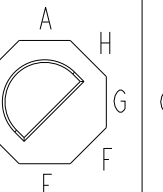
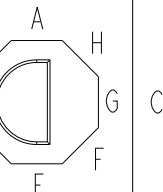
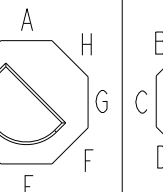
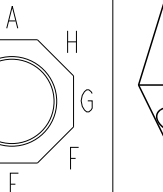
DETAIL C
SCALE 20:1

10135216-X2ALF THRU -X2JLF
RECOMMENDED PCB LAYOUT
COMPONENT SIDE
NOTES 7, 8, 9, 11 & 16
SCALE 10:1

spec ref		SEE NOTES		dr		Greg Hull		2015/10/15		projection		MM		size		A2		scale		3:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2016/04/01						ecn no		-		rel level		Preliminary	
ISO 406				chr		-		-						product family		-					
ISO 1101				appr		-		-						-		-					
surface				linear		Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY		dwg no		10135216		rev		2			
		0.X		±.3																	
		0.XX		±.10																	
ISO 1302		angular		0°		±°		cat. no.		-		Product - Customer Drw		sheet 9 of 11							

10135216 - Y Y Y L F

ASSEMBLY PART NUMBER	DESCRIPTION
10135216-1YYLF	STANDARD MATE
10135216-2YYLF	ADVANCED MATE
10135216-3YYLF	SHORT DETECT
10135216-4YYLF	ADVANCED MATE & SHORT DETECT

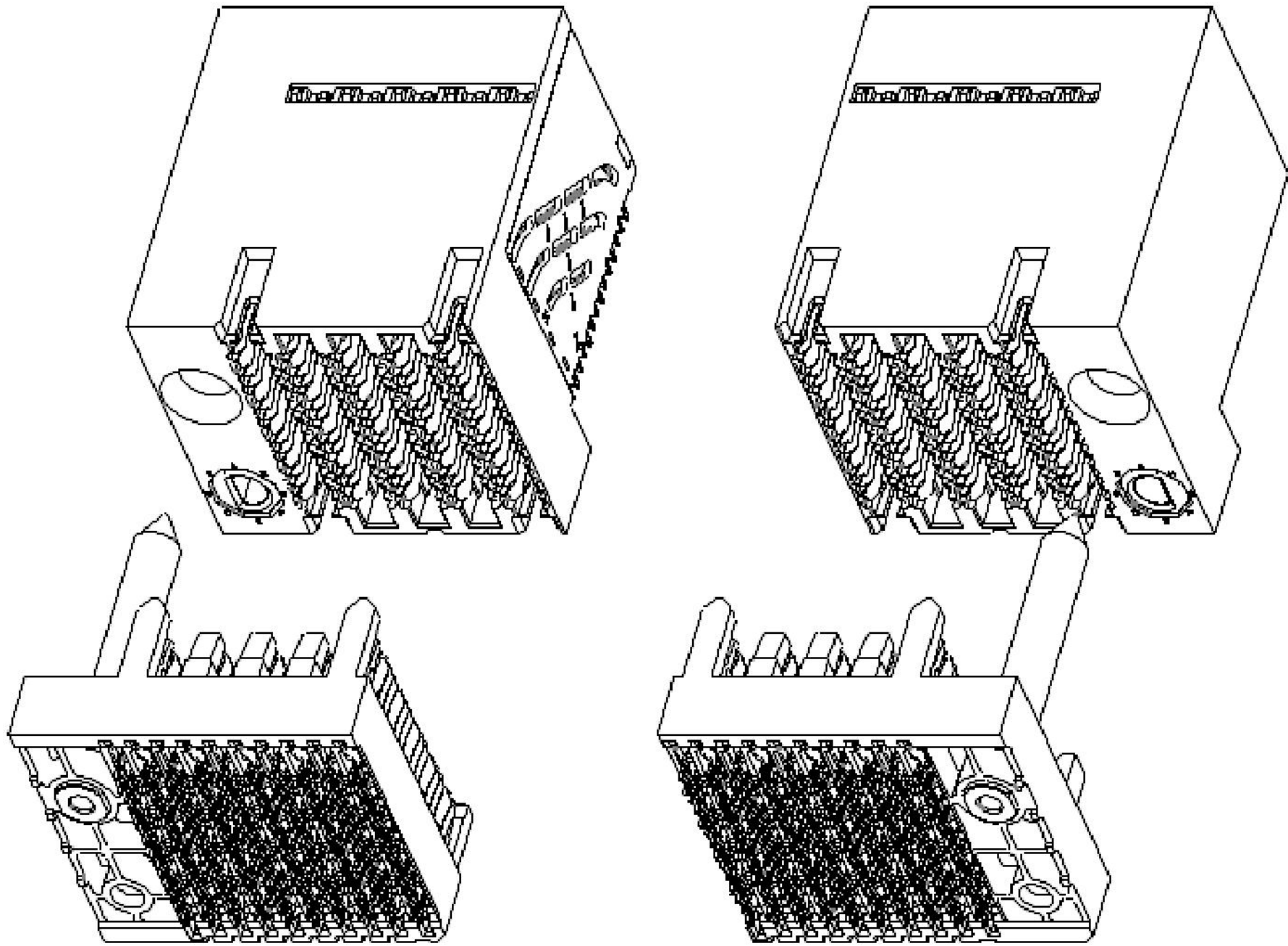
MODULE DESCRIPTION	DESIGNATION REPRESENTED IN DASH NUMBER										BASE MODULE
WITHOUT END GUIDES MODULE (SEE SHEET 1)	01										
RIGHT GUIDANCE MODULE (SEE SHEET 6)	1A	1B	1C	1D	1E	1F	1G	1H	1J (NO KEY)		
											
LEFT GUIDANCE MODULE (SEE SHEET 8)	2A	2B	2C	2D	2E	2F	2G	2H	2J (NO KEY)		
											

spec ref		SEE NOTES			dr		Greg Hull		2015/10/15		projection				size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2016/04/01						ecn no		-		rel level		Preliminary	
ISO 406					chr		-		-						product family		ExaMax					
ISO 1101					appr		-		-													
surface		linear		0.X		±.3		Amphenol FCI		title		ExaMAX R.A. RECEPT. ASSY		dwg no		10135216		rev		2		
ISO 1302				0.XX		±.10																
				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, NATURAL, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: STAINLESS STEEL
- 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 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 APPLICATION SPECIFICATION FOR TRACE ROUTING EXAMPLES THAT INCLUDE DIMENSIONS FOR ANTIPADS, TRACE WIDTH, TRACE SPACING, ETC.
- 12 - THE HOUSING WILL WITHSTAND EXPOSURE TO 260° C FOR 10-30 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
- 13 - THE ADVANCED MATE RECEPTACLE, 10135216-2XXLF, 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, 10135216-3XXLF, 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, 10135216-4XXLF, 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 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 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		Greg Hull		2015/10/15		projection				size		A2		scale		2:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2016/04/01						ecn no		-		rel level		Preliminary	
ISO 406					chr		-		-						product family		ExaMax					
ISO 1101					appr		-		-													
surface		linear		0.X		±.3		Amphenol FCi		title		ExaMAX R.A. RECEPT. ASSY		dwg no		10135216		rev		2		
		0.XX		±.10																		
		0.XXX		±.050																		
ISO 1302		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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Факс: +7 495 668-12-70 (доб.304)

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