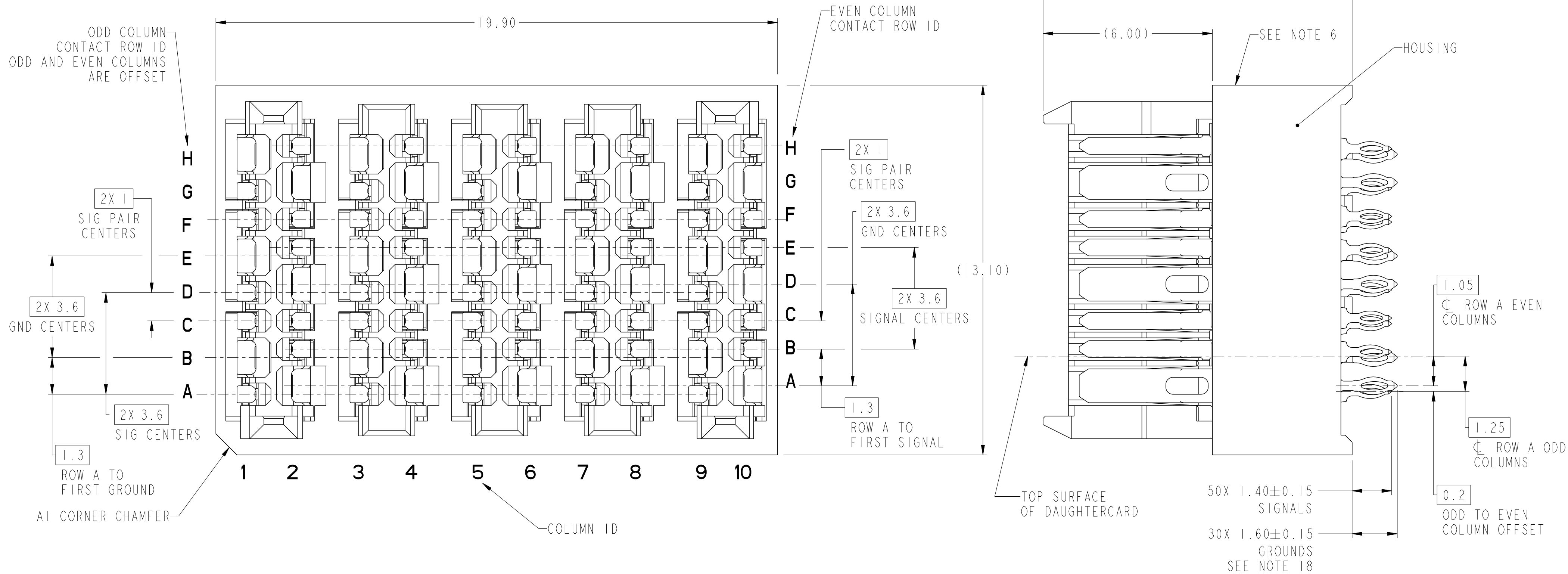

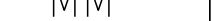

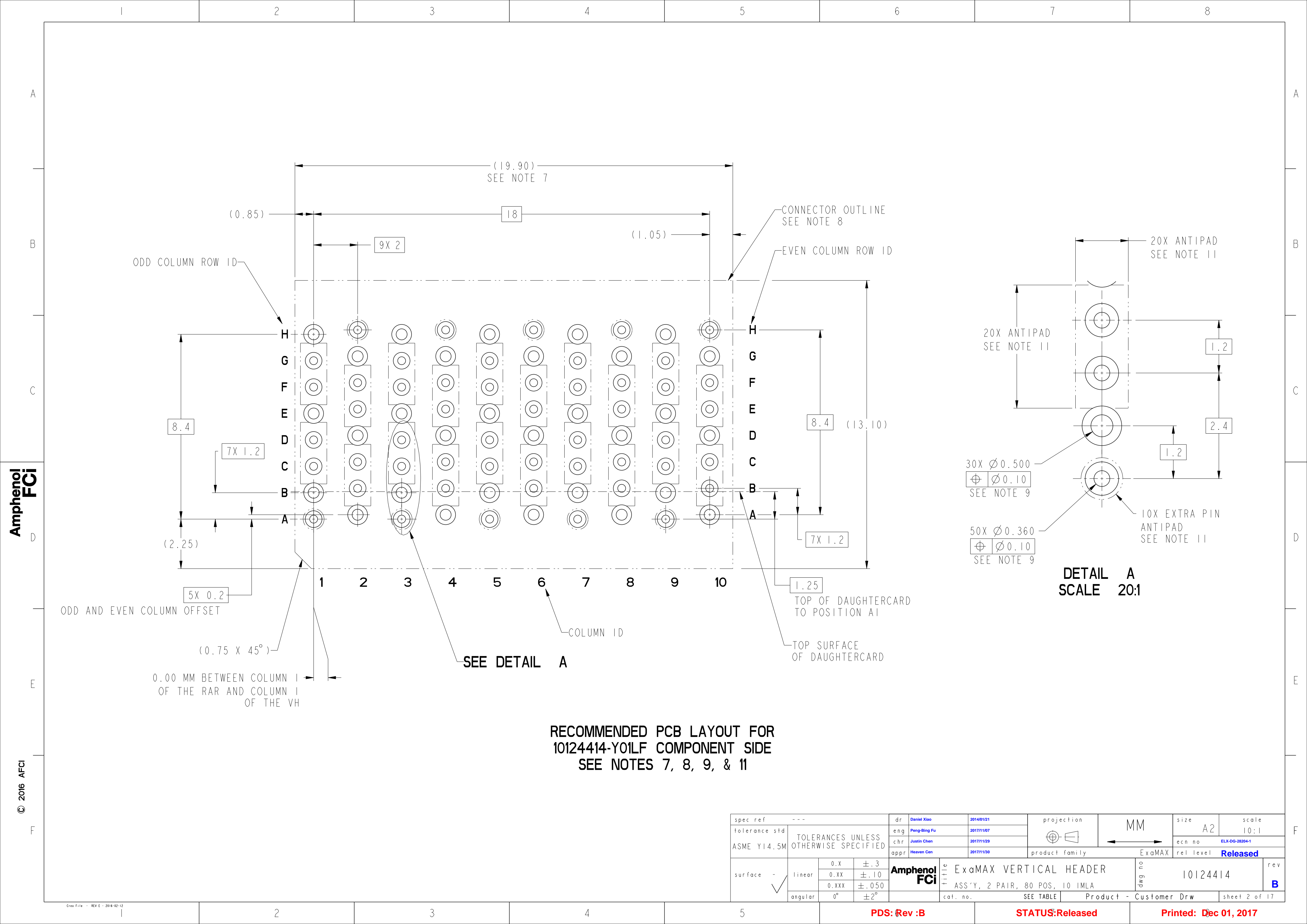


PRODUCT NUMBER
SEE SHEET 16

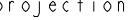




10124414-Y01LF
(10124414-101LF STANDARD MATE CONNECTOR SHOWN)

spec ref		---		dr		Daniel Xiao		2014/01/21		projection		MM		size		A2		scale		10:1									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/07						ecn no		ELX-DG-28204-1													
chr				Justin Chen		2017/11/29		rel level						Released															
ASME Y14.5M				appr		Heaven Cen		2017/11/30						product family		ExaMAX													
surface - 		linear		0.X ±.3		0.XX ±.10		0.XXX ±.050		Amphenol FCI		title		ExaMAX VERTICAL HEADER ASS'Y, 2 PAIR, 80 POS, 10 IMLA								dwg no		10124414		rev		B	
				0° ±2°								cat. no.		SEE TABLE		Product - Customer Drw		sheet 1 of 17											



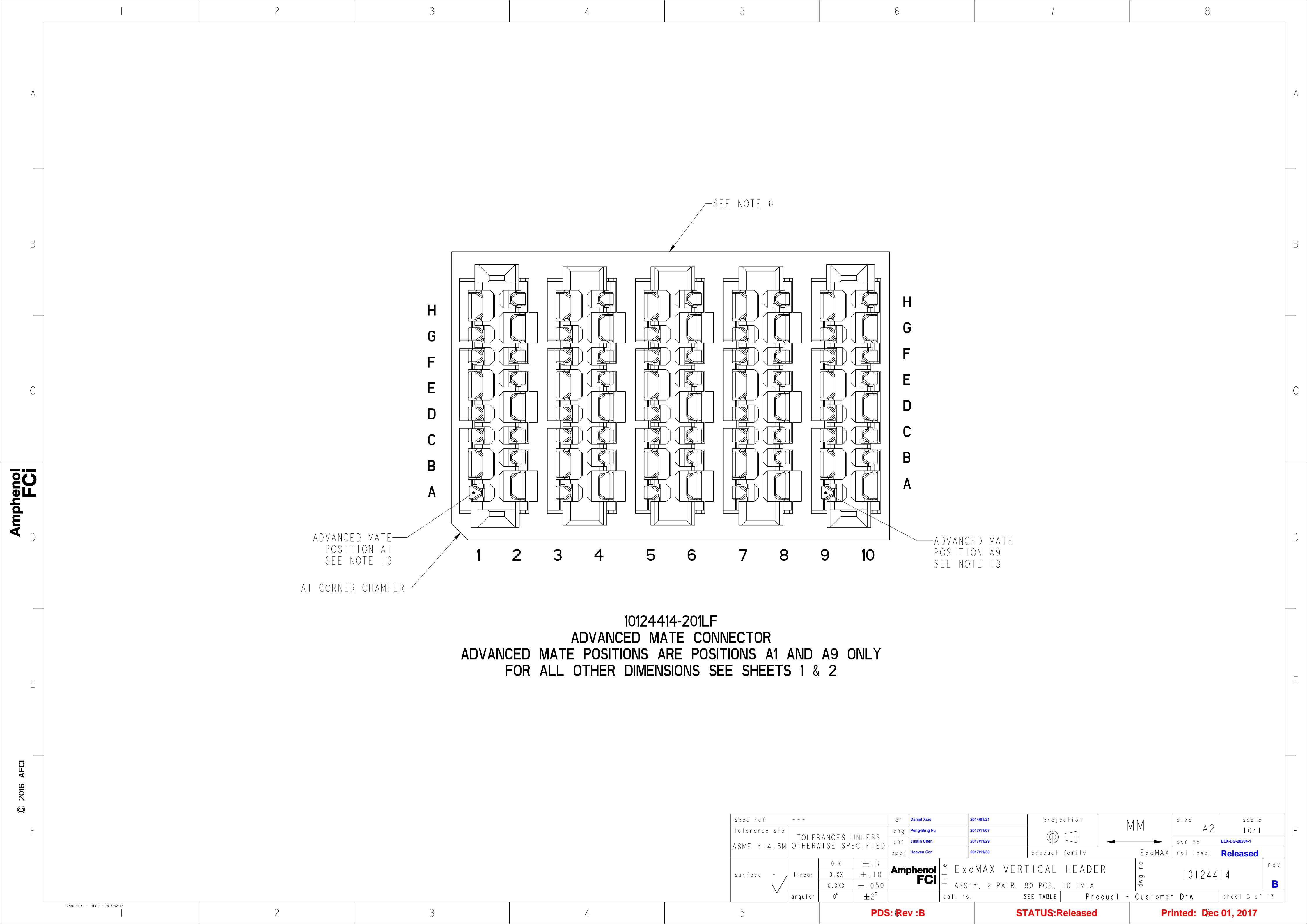
RECOMMENDED PCB LAYOUT FOR
10124414-Y01LF COMPONENT SIDE
SEE NOTES 7, 8, 9, & 11

spec ref			---			dr		Daniel Xiao		2014/01/21		projection				MM		size		A2		scale		10:1			
tolerance std			TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2017/11/07				ecn no		ELX-DG-28204-1											
ASME Y14.5M						chr		Justin Chen		2017/11/29						rel level		Released									
						appr		Heaven Cen		2017/11/30		product family				ExaMAX											
surface						Amphenol FCi		title		ExaMAX VERTICAL HEADER										dwg no		10124414		rev		B	
										ASS'Y, 2 PAIR, 80 POS, 10 IMLA																	
										cat. no.																	
linear			0.X			±.3																					
			0.XX			±.10																					
			0.XXX			±.050																					
angular			0°			±2°																					

PDS: Rev :B

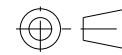


STATUS:Released

Printed: Dec 01, 2017



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spec ref		---		dr		Daniel Xiao		2014/01/21		projection		<div>MM</div>		size		A2		scale		10:1	
tolerance std		ASME Y14.5M		eng		Peng-Bing Fu		2017/11/07						ecn no		ELX-DG-28204-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Justin Chen		2017/11/29		product family						ExaMAX		rel level		Released			
		appr		Heaven Cen		2017/11/30															
<div>surface</div> <div>-</div> <div></div>		linear		0.X		±.3		<div>Amphenol</div> <div>FCi</div>		title		ExaMAX VERTICAL HEADER		dwg no		10124414		rev		B	
				0.XX		±.10															
				0.XXX		±.050															
		angular		0°		±2°															

PDS: Rev :B

STATUS:Released

Printed: Dec 01, 2017

SHORT DETECT
POSITION H2
SEE NOTE 14

SEE NOTE 6

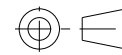


A1 CORNER CHAMFER

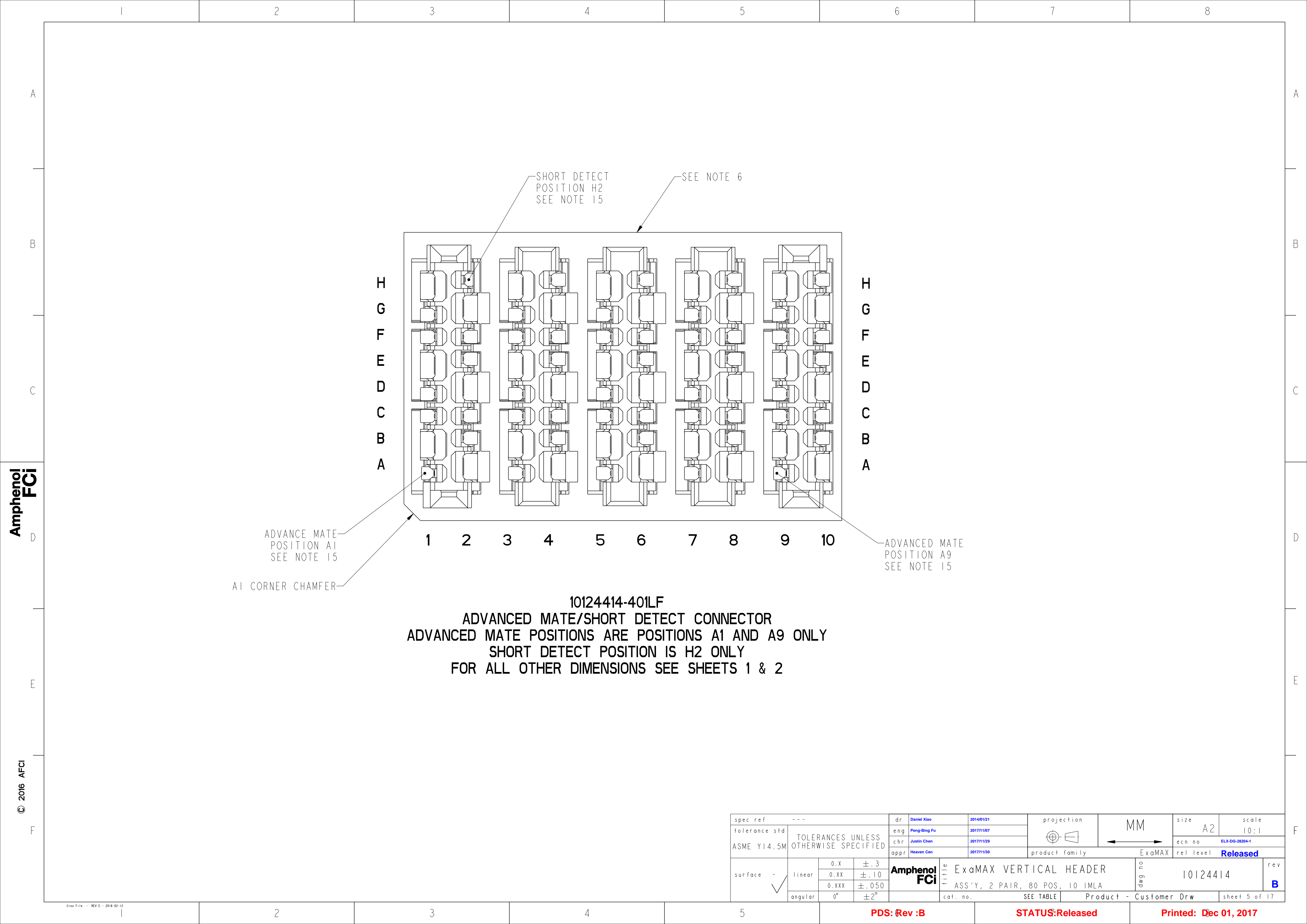
H
G
F
E
D
C
B
A

H
G
F
E
D
C
B
A

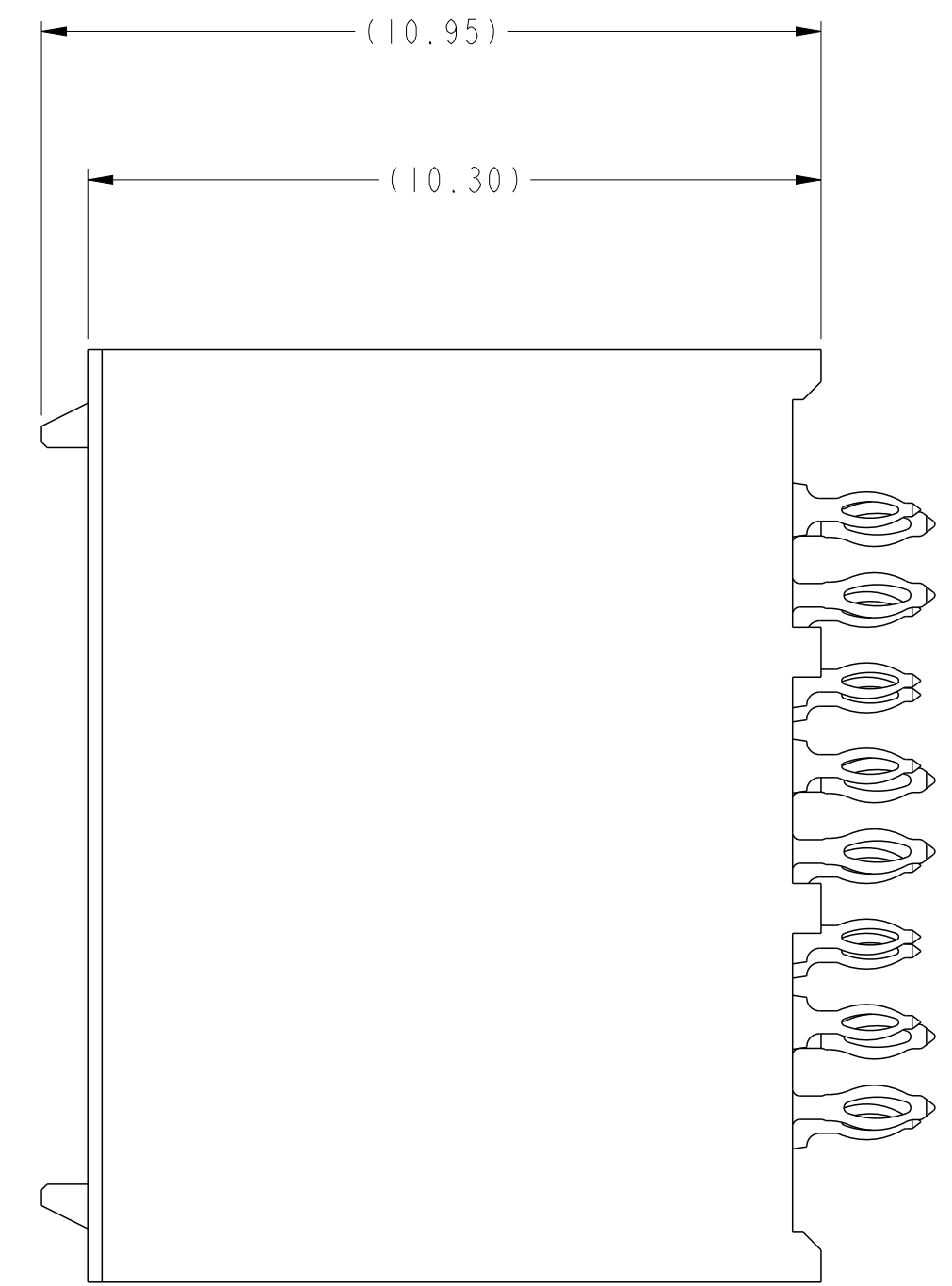
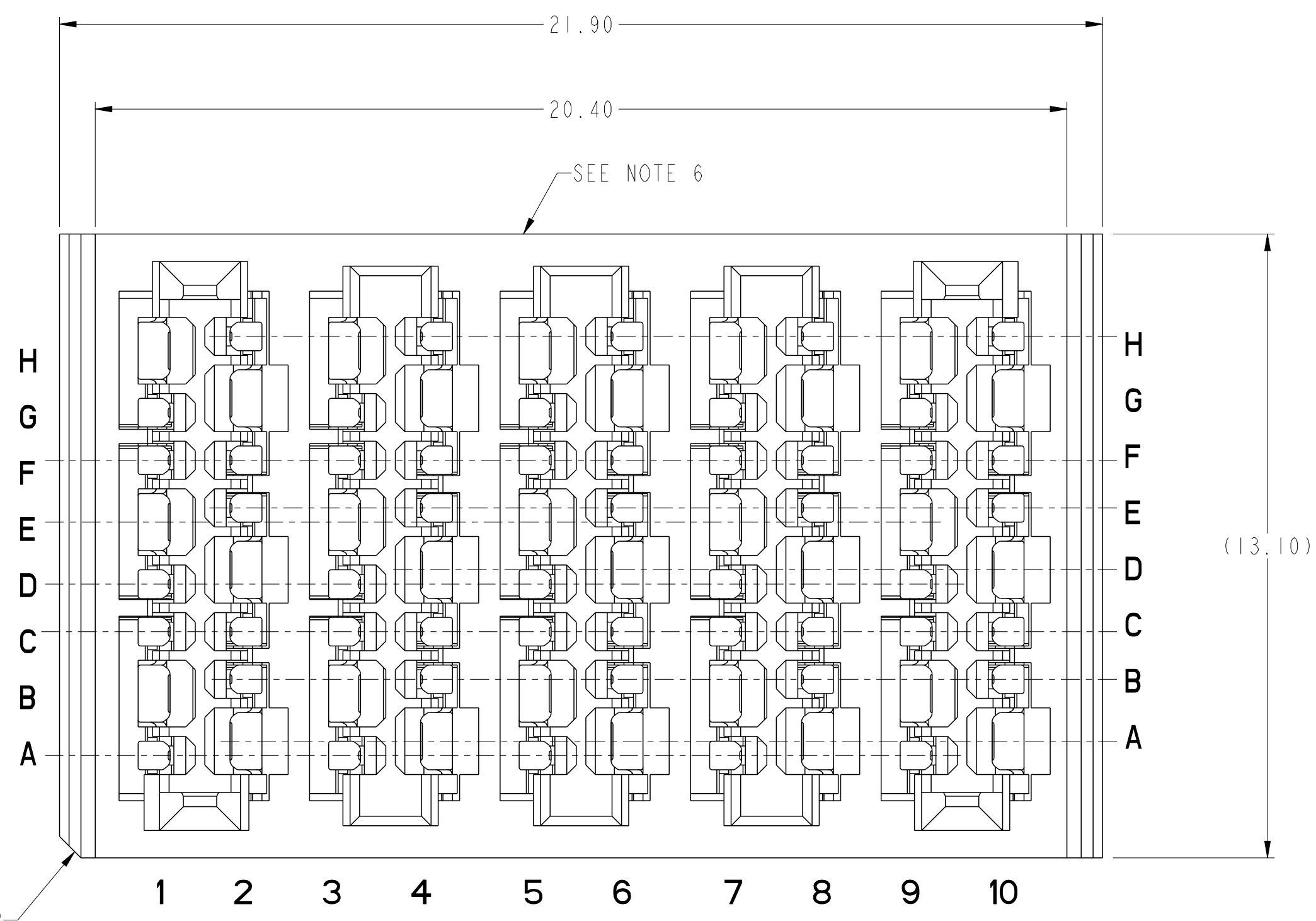
1 2 3 4 5 6 7 8 9 10

10124414-301LF
SHORT DETECT CONNECTOR
SHORT DETECT POSITION IS H2 ONLY
FOR ALL OTHER DIMENSIONS SEE SHEETS 1 & 2




spec ref				---		dr		Daniel Xiao		2014/01/21		projection		<div>MM</div>		size		A2		scale		10:1					
tolerance std				ASME Y14.5M		eng		PENG-BING FU		2017/11/07		<div></div>		<div></div>		ecn no		ELX-DG-28204-1									
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		JUSTIN CHEN		2017/11/29		rel level								Released											
		appr		Heaven Cen		2017/11/30		product family								ExaMAX											
surface		-		<div></div>		linear		0.X ±.3 0.XX ±.10 0.XXX ±.050		Amphenol FCi		title		ExaMAX VERTICAL HEADER ASS'Y, 2 PAIR, 80 POS, 10 IMLA						dwg no		10124414		rev		B	
				angular		0° ±2°						cat. no.		SEE TABLE		Product - Customer Drw						sheet 4 of 17					

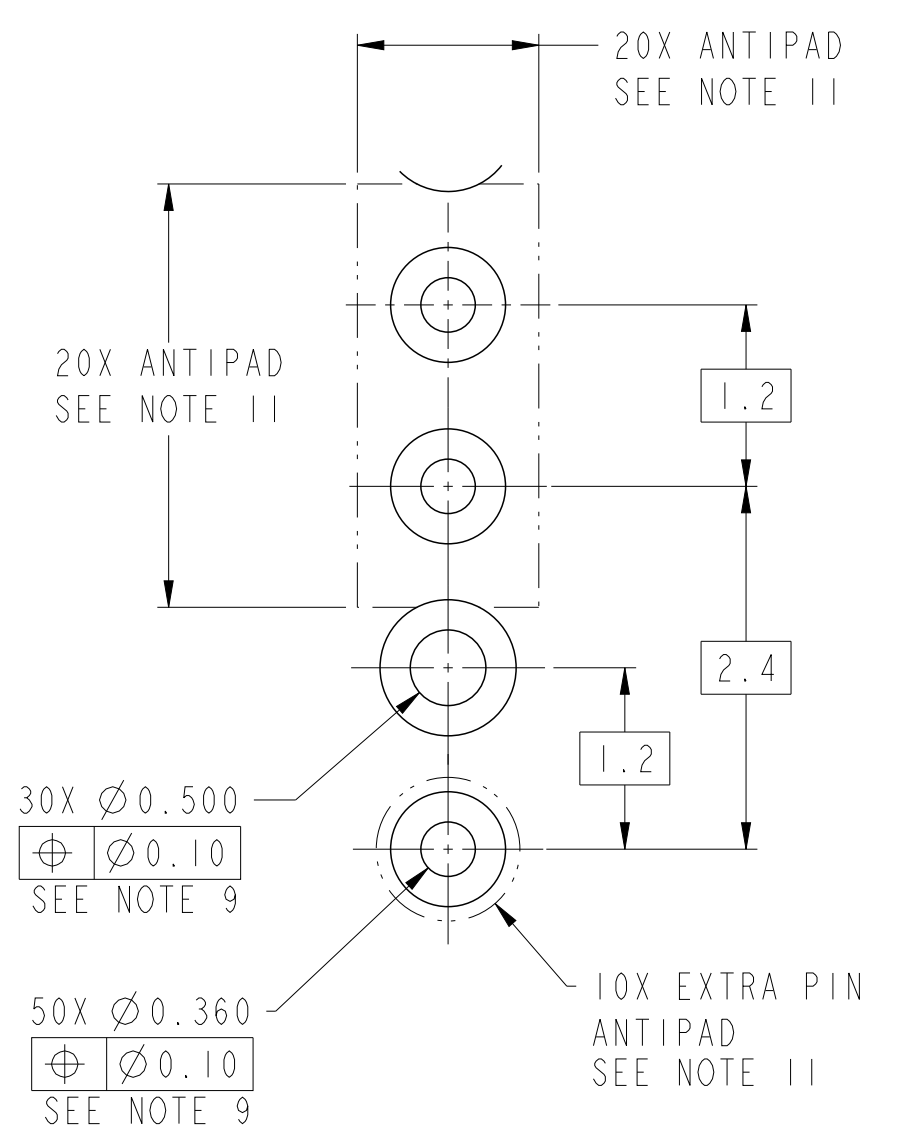
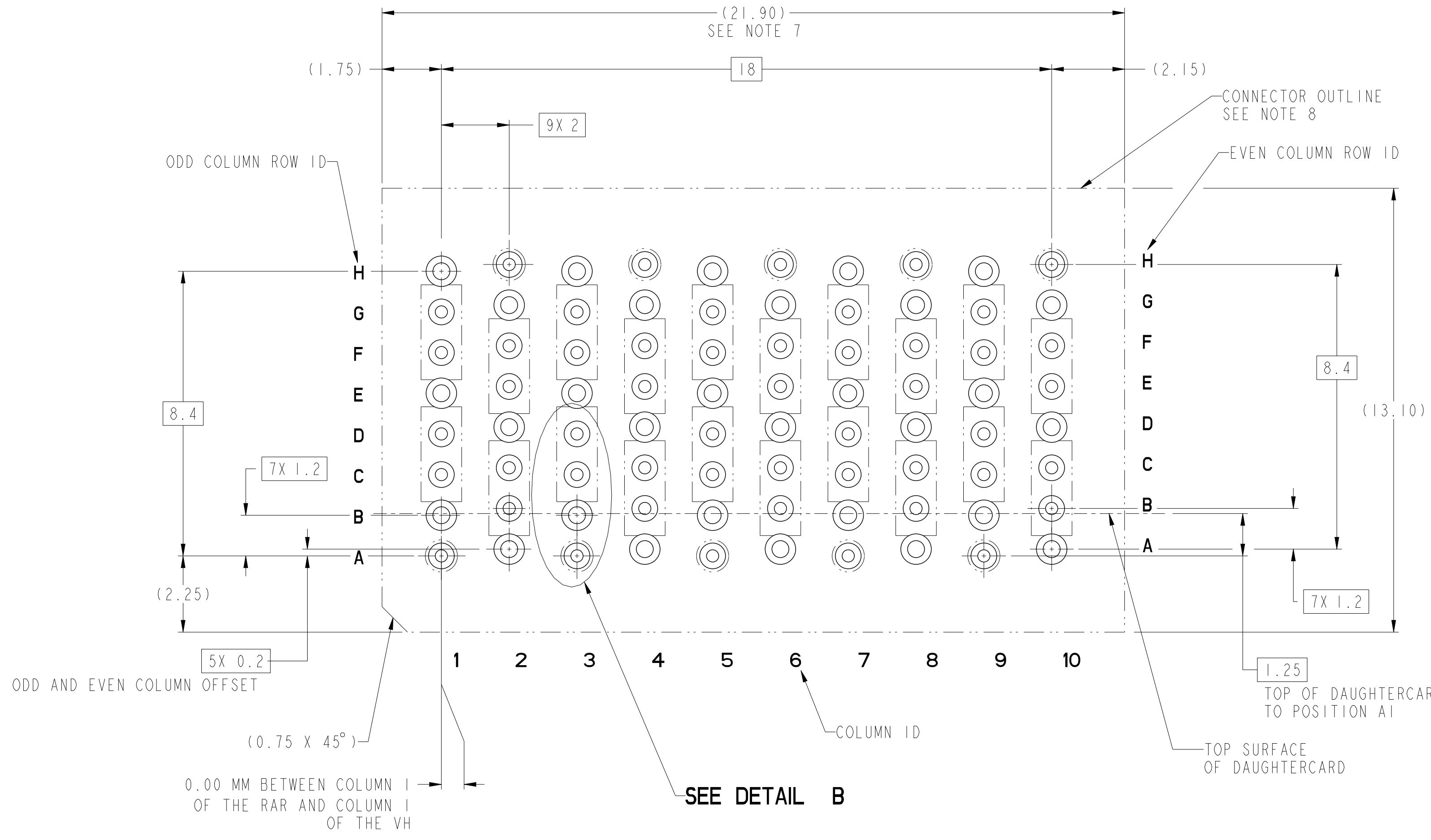


spec ref				---		dr		Daniel Xiao		2014/01/21		projection		<div>MM</div>		size		A2		scale		10:1					
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/07						ecn no		ELX-DG-28204-1									
ASME Y14.5M						chr		Justin Chen		2017/11/29						rel level				Released							
						appr		Heaven Cen		2017/11/30		product family				ExaMAX											
surface		- 		linear		0.X 0.XX 0.XXX		±.3 ±.10 ±.050		Amphenol FCI		title		ExaMAX VERTICAL HEADER ASS'Y, 2 PAIR, 80 POS, 10 IMLA						dwg no		10124414		rev		B	
				angular		0°		±2°				cat. no.		SEE TABLE		Product - Customer Drw				sheet 5 of 17							



10124414-Y02LF (10124414-102LF SHOWN)
END WALLED CONNECTOR
FOR ALL DIMENSIONS SEE SHEET 1

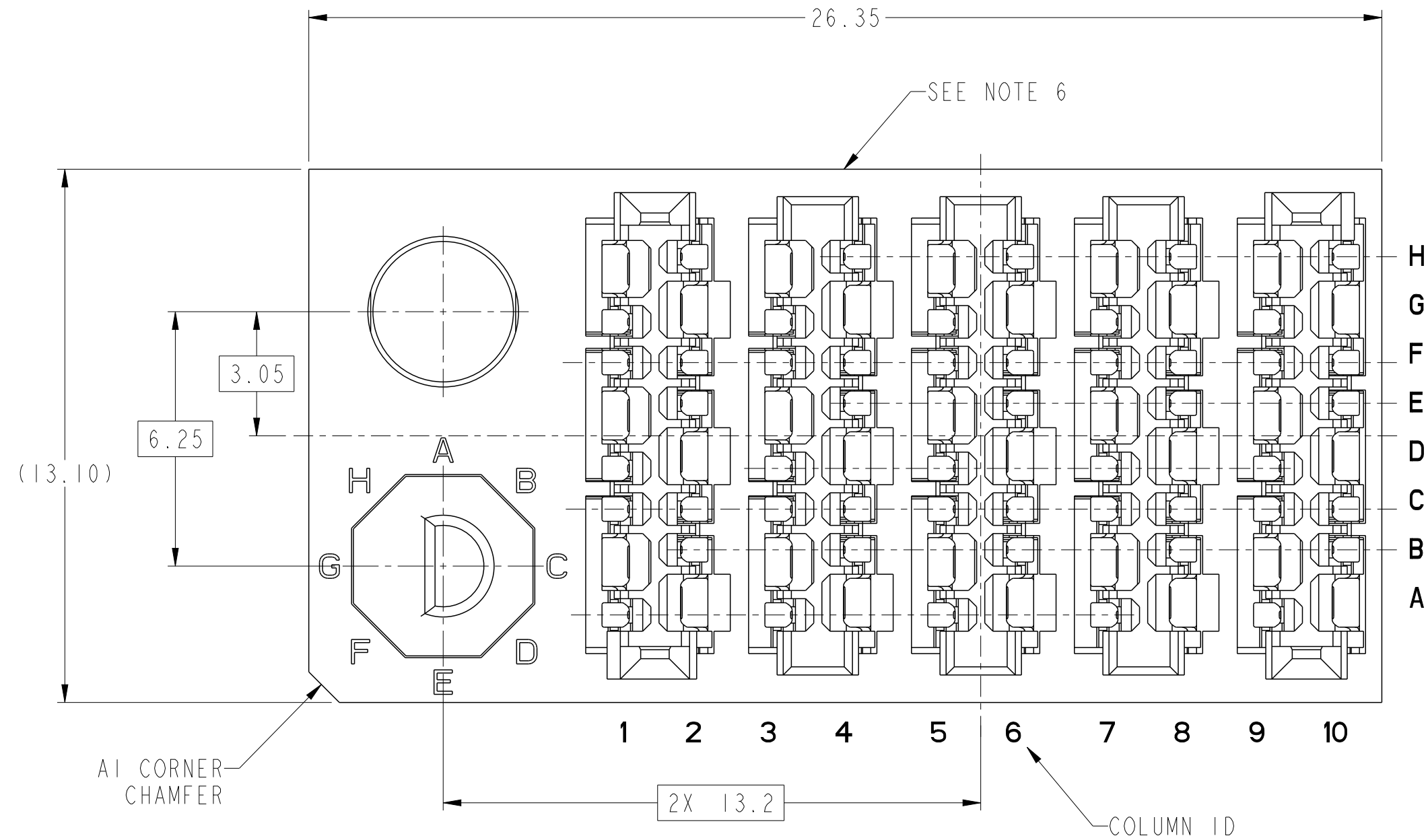
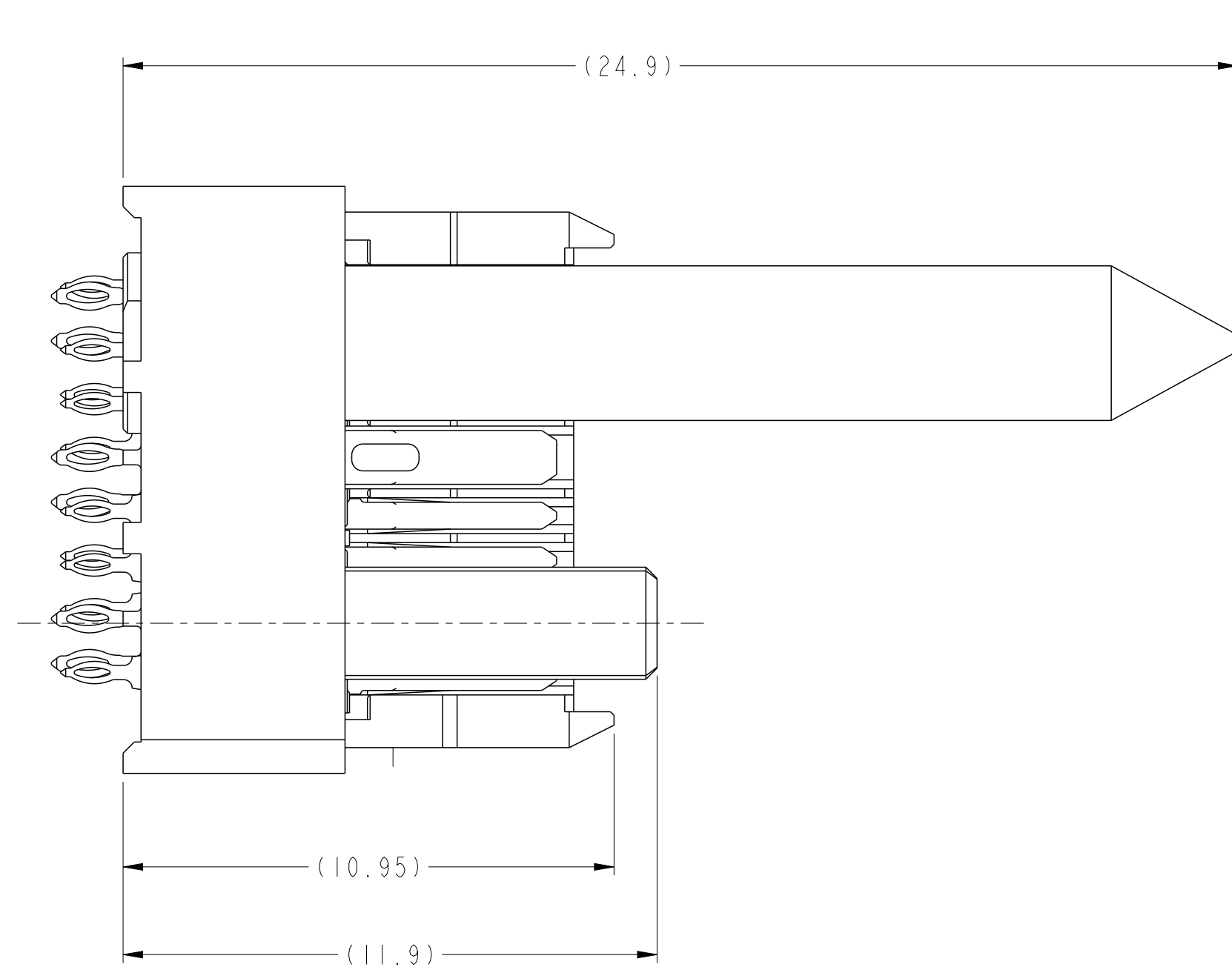
spec ref		---		dr		Daniel Xiao		2014/01/21		projection		MM		size		A2		scale		10:1									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/07						ecn no		ELX-DG-28204-1													
chr				Justin Chen		2017/11/129		rel level						Released															
ASME Y14.5M				appr		Heaven Cen		2017/11/30						product family		ExaMAX													
surface		- 		linear		0.X		±.3		Amphenol FCI		title		ExaMAX VERTICAL HEADER		dwg no		10124414		rev		B							
																								0.XX		±.10		ASS'Y, 2 PAIR, 80 POS, 10 IMLA	
																								0.XXX		±.050			
angular				0°		±2°				cat. no.		SEE TABLE		Product - Customer Drw		sheet 6 of 17													



DETAIL B
SCALE 20:1

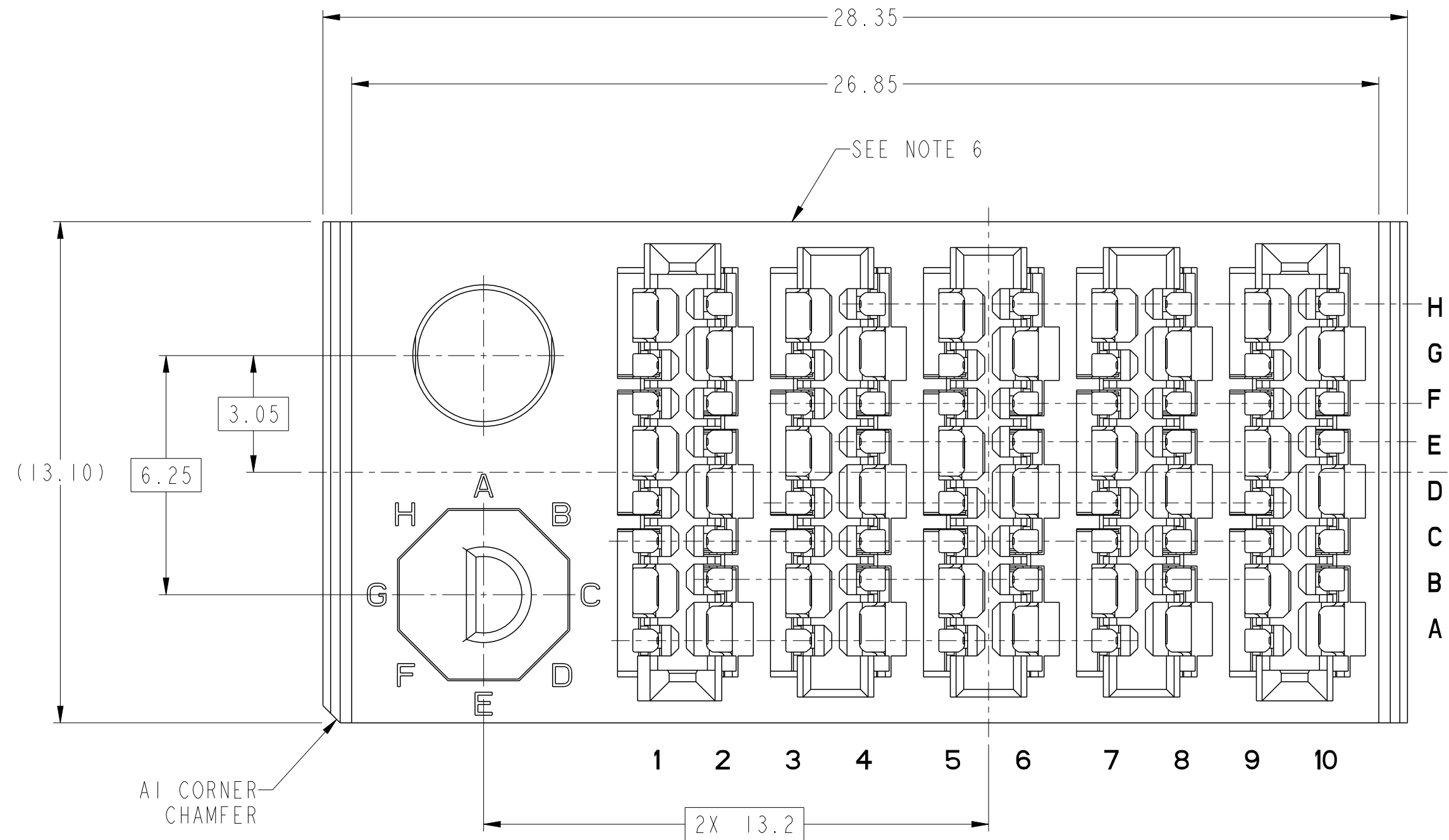
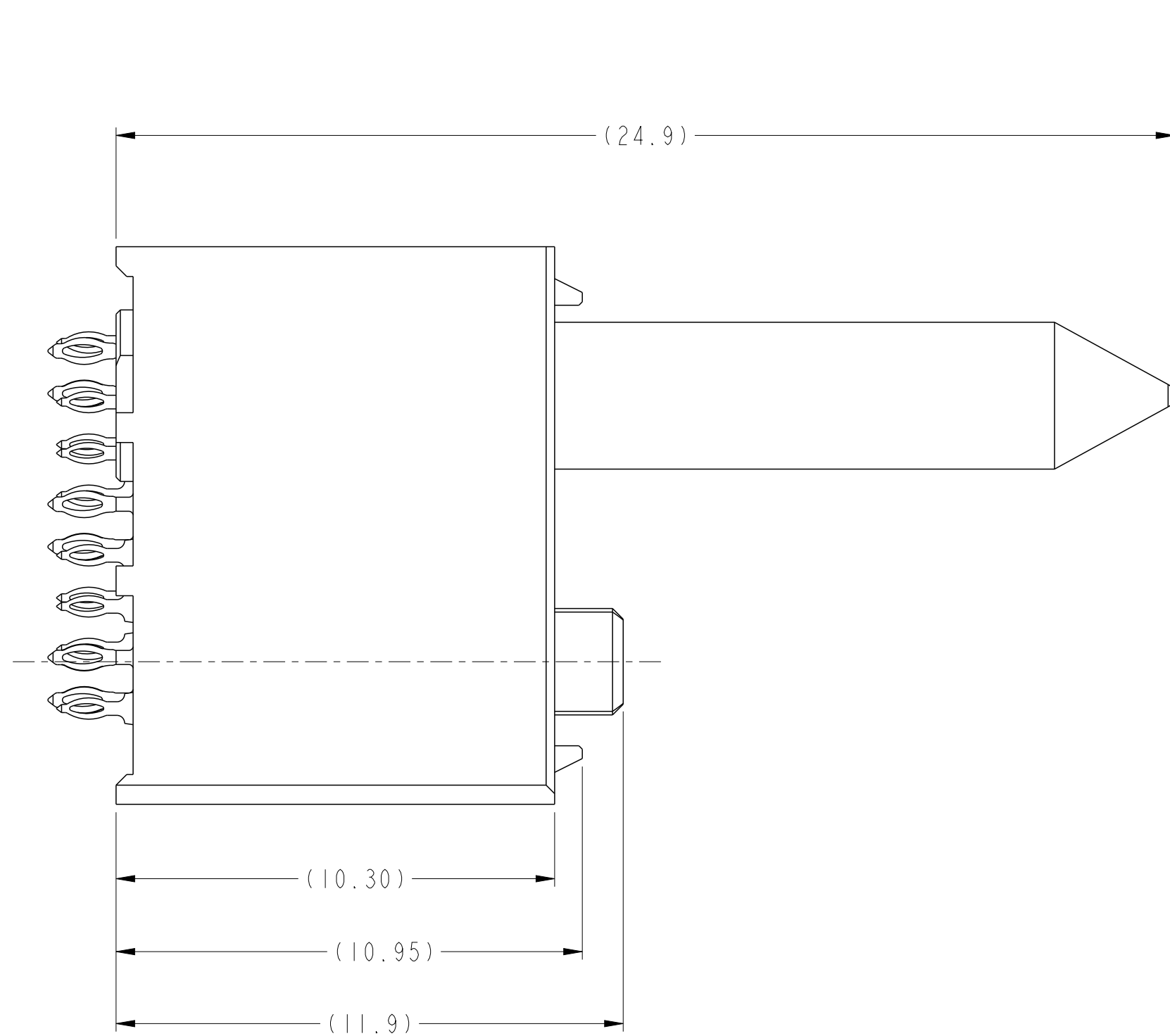
RECOMMENDED PCB LAYOUT FOR
10124414-Y02LF (END WALLED CONNECTOR) COMPONENT SIDE
SEE NOTES 7, 8, 9, & 11

spec ref				---		dr		Daniel Xiao		2014/01/21		projection		MM		size		A2		scale		10:1																	
tolerance std				TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/07						ecn no		ELX-DG-28204-1																					
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 VERTICAL HEADER		dwg no		10124414		rev		B															
																										angular		0°		±2°		cat. no.		SEE TABLE		Product - Customer Drw		sheet 7 of 17	



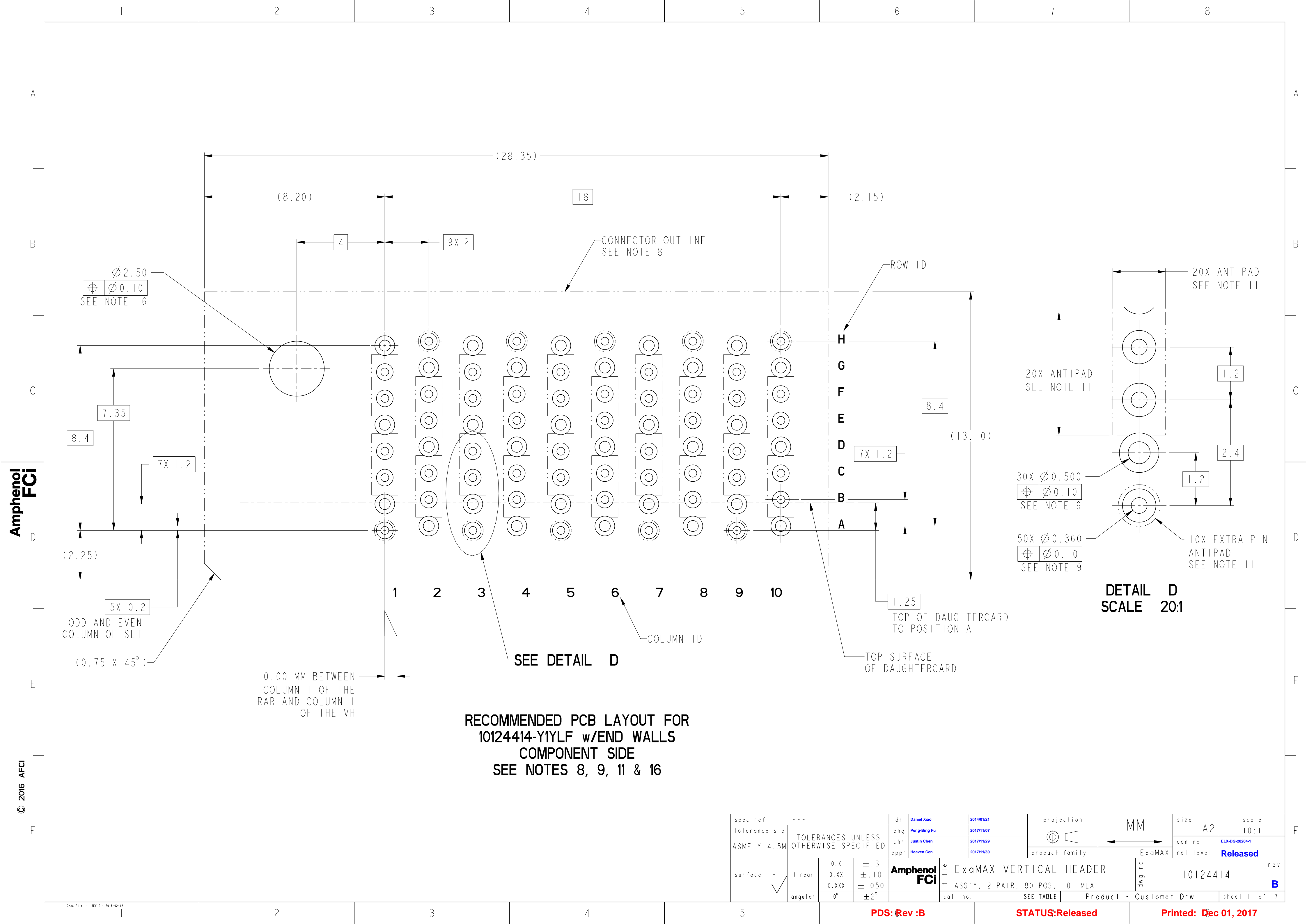
10124414-Y1ALF THRU -Y1JLF
RIGHT GUIDANCE CONNECTOR (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE SHEET 1

spec ref		---		dr		Daniel Xiao		2014/01/21		projection				MM		size		A2		scale		10:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/07						ecn no		ELX-DG-28204-1		rel level		Released							
ASME Y14.5M				chr		Justin Chen		2017/11/29								cat. no.						SEE TABLE		Product - Customer Drw		sheet 8 of 17	
ASME Y14.5M				appr		Heaven Cen		2017/11/30								product family						ExaMAX					
surface		- 		linear		0.X		±.3		Amphenol FCI		title		ExaMAX VERTICAL HEADER		dwg no		10124414		rev		B					
																								0.XX		±.10	
																								0.XXX		±.050	
		angular				0°		±2°																			



10124414-Y1LLF THRU -Y1WLF
RIGHT GUIDANCE CONNECTOR w/END WALLS (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE SHEET 1

spec ref	---	dr	Daniel Xiao	2014/01/21	projection	MM	size	A2	scale	101:1
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/07	chr	Justin Chen	ecn no	ELX-DG-28204-1	rel level	Released
surface	-	appr	Heaven Cen	2017/11/30	product family	ExaMAX	rel level	Released	rev	B
linear	0.X	±.3	0.XX	±.10	0.XXX	±.050	angular	0°	±2°	
title	ExaMAX VERTICAL HEADER					dwg no	10124414	cat. no.	SEE TABLE	Product - Customer Drw
ASS'Y, 2 PAIR, 80 POS, 10 IMLA						sheet 10 of 17				



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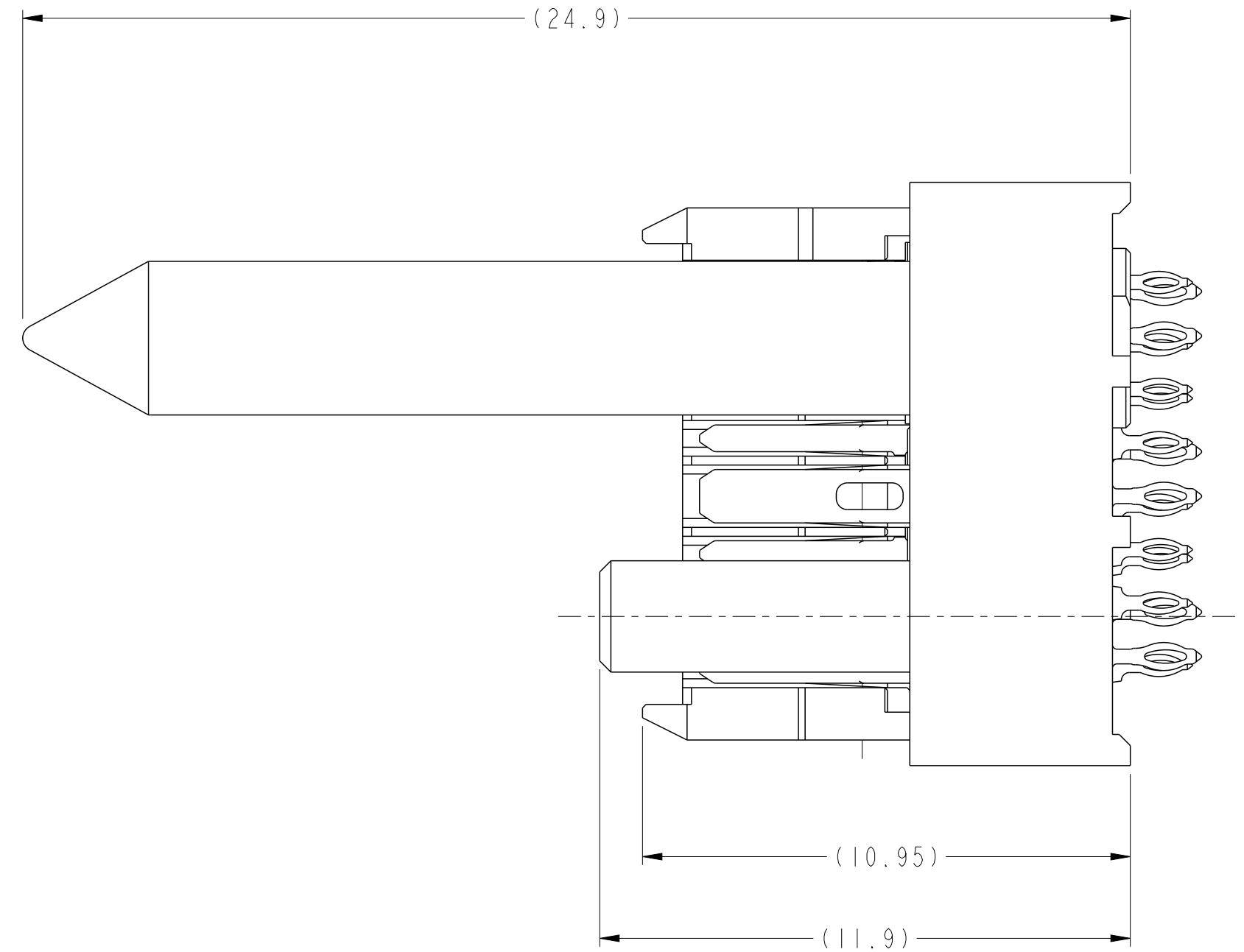
RECOMMENDED PCB LAYOUT FOR
10124414-Y1YLF w/END WALLS
COMPONENT SIDE
SEE NOTES 8, 9, 11 & 16

spec ref	---	dr	Daniel Xiao	2014/01/21	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Peng-Bing Fu	2017/11/07	chr	Justin Chen	ecn no	ELX-DG-28204-1	rel level	Released
surface	-	appr	Heaven Cen	2017/11/30	product family	ExaMAX	rel level	Released	rev	B
linear	0.X ±.3 0.XX ±.10 0.XXX ±.050	Amphenol FCi	title	ExaMAX VERTICAL HEADER ASS'Y, 2 PAIR, 80 POS, 10 IMLA	cat. no.	SEE TABLE	Product - Customer Drw	sheet 11 of 17		
angular	0° ±2°									

PDS: Rev :B




STATUS:Released

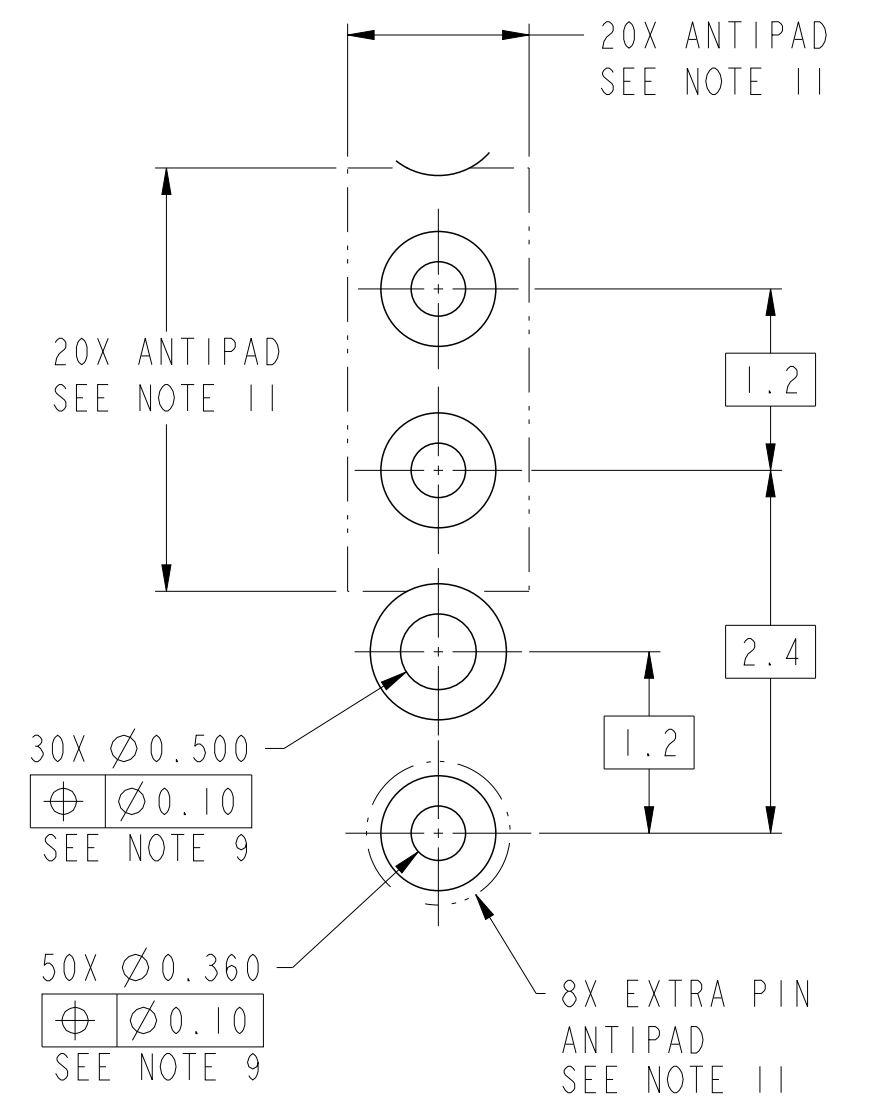
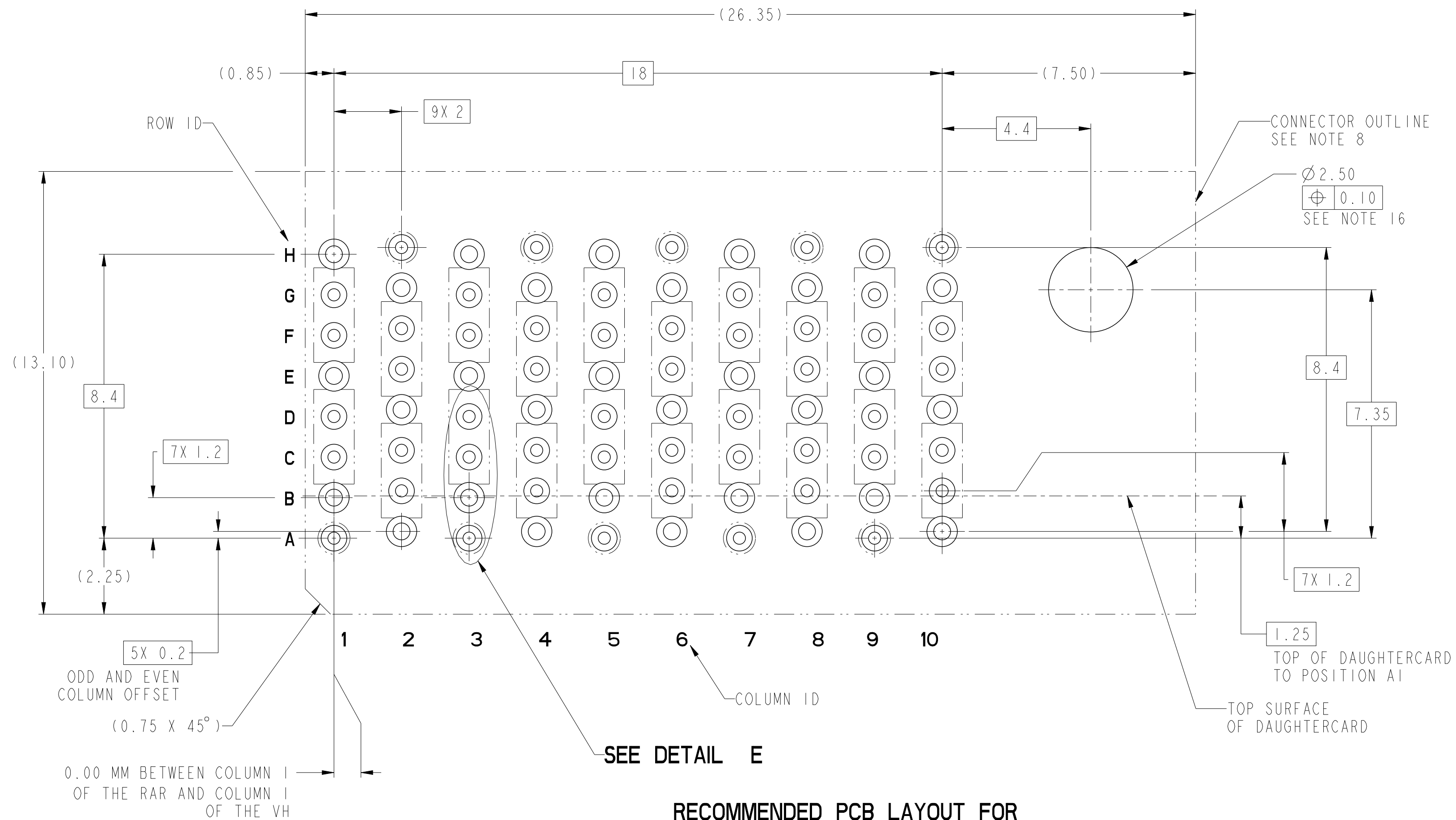
Printed: Dec 01, 2017



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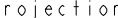



Printed: Dec 01, 2017

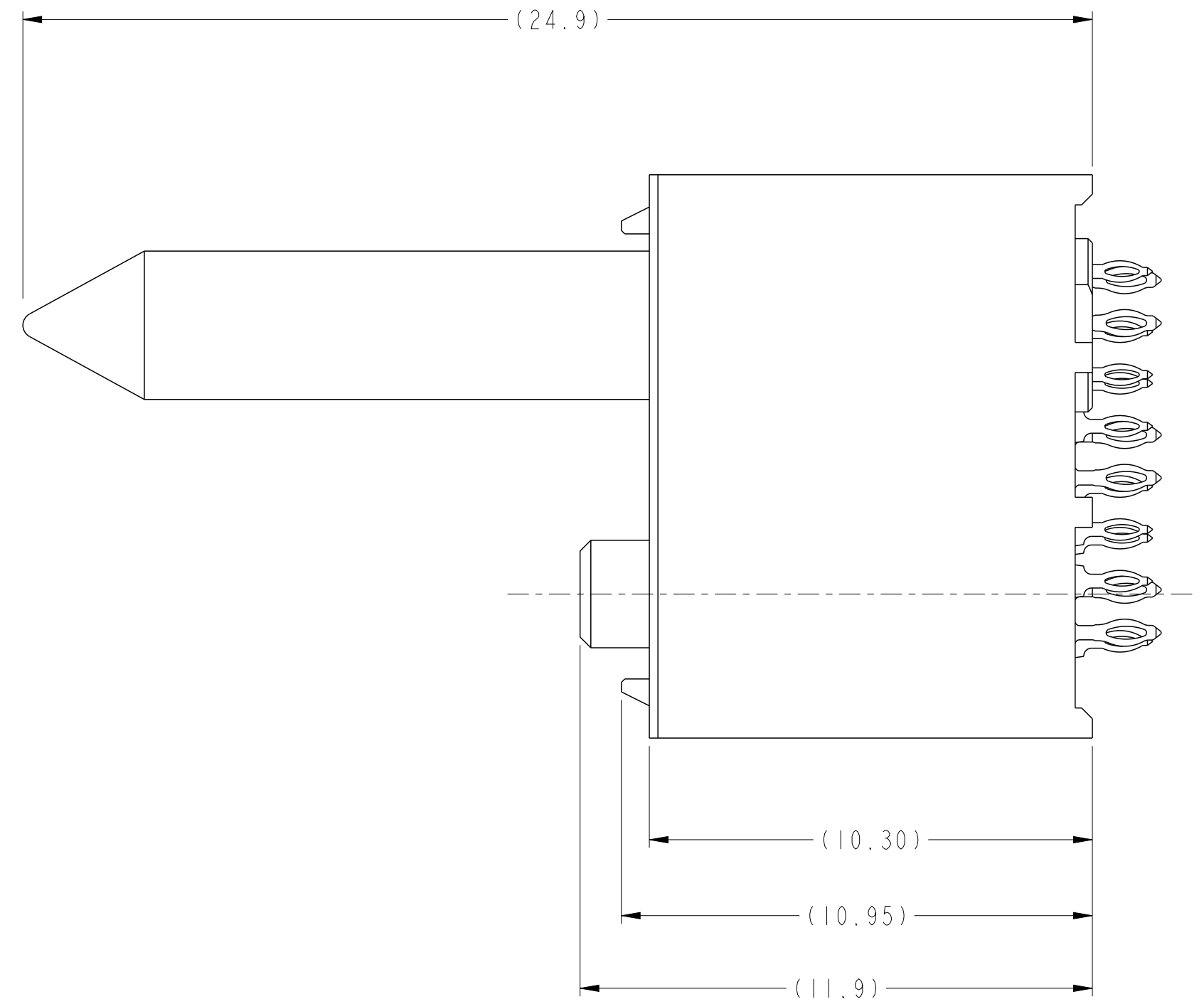
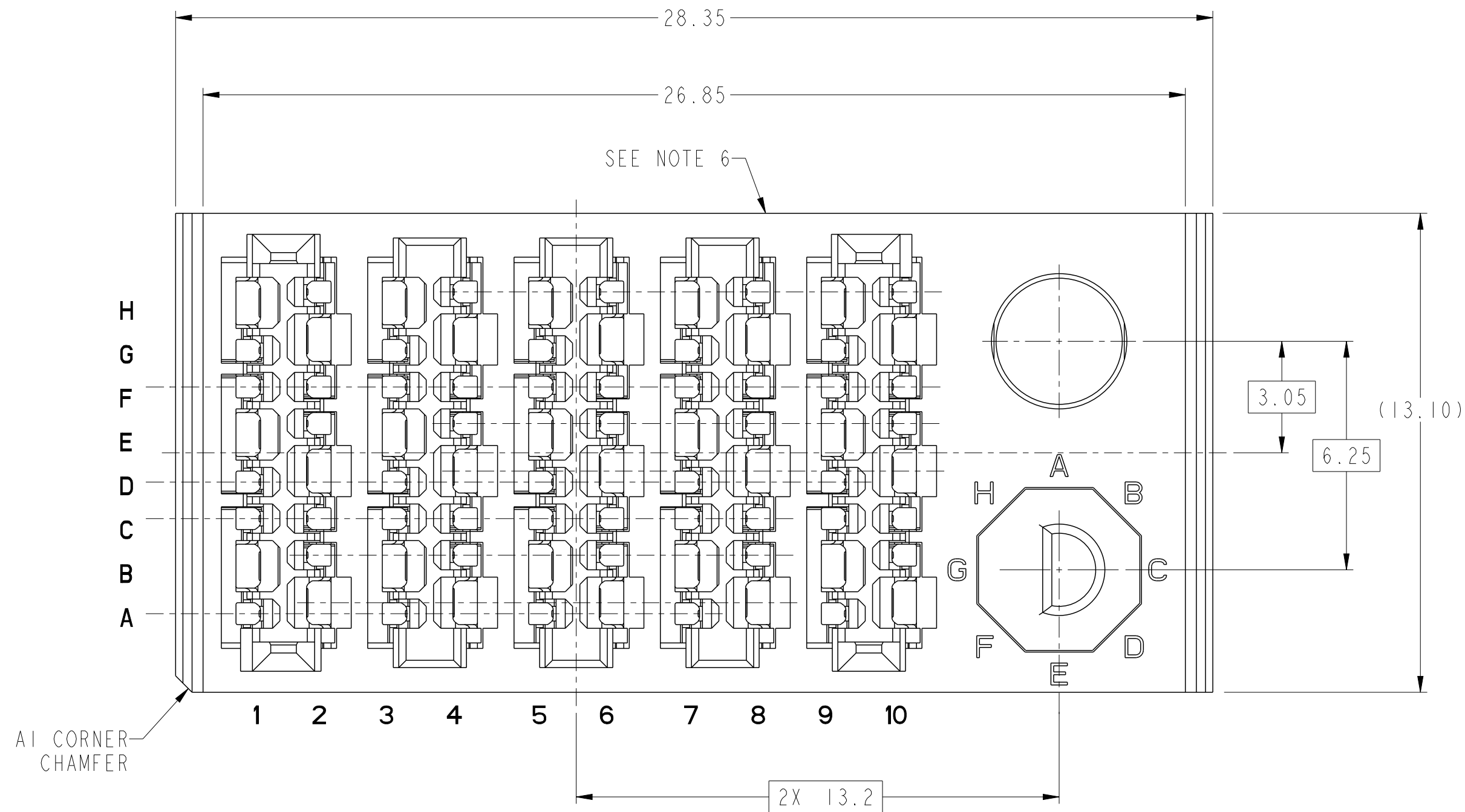
spec ref				---				dr		Daniel Xiao		2014/01/21		projection		size		scale			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED						eng		Peng-Bing Fu		2017/11/07						A2		10:1	
ASME Y14.5M								chr		Justin Chen		2017/11/29						ecn no		ELX-DG-28204-1	
								appr		Heaven Cen		2017/11/30		product family		ExaMAX					
																rel level		Released			
surface		-				Amphenol FCI		title ExaMAX VERTICAL HEADER ASSY, 2 PAIR, 80 POS, 10 IMLA		cat. no. SEE TABLE		Product- Customer Drw		dwg no 10124414		rev B					
		linear																0.X		±.3	
																		0.XX		±.10	
																		0.XXX		±.050	
				angular		±2°															



DETAIL E
SCALE 20:1

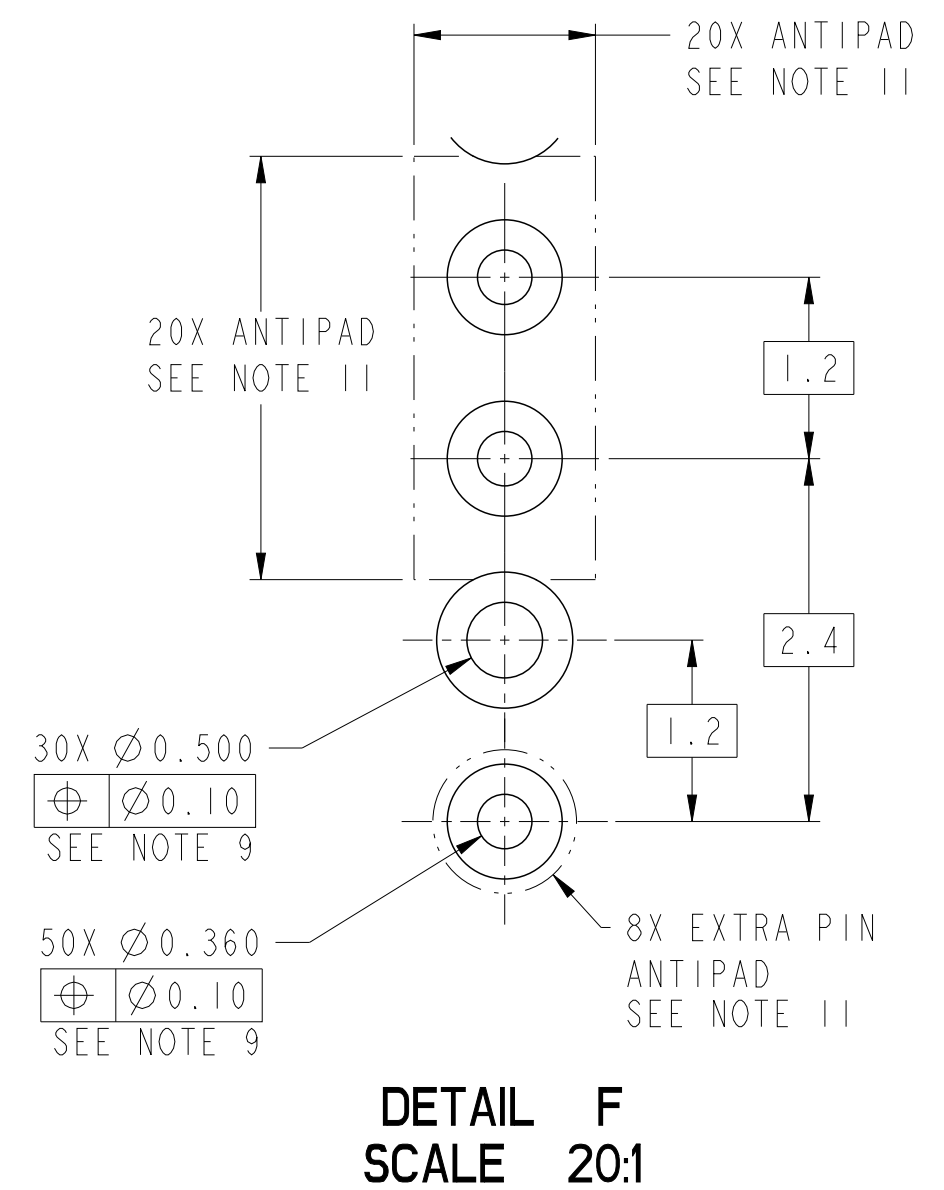
RECOMMENDED PCB LAYOUT FOR
10124414-Y2YLF w/o END WALLS
COMPONENT SIDE
SEE NOTES 8, 9, 11, & 16

spec ref		---		dr		Daniel Xiao		2014/01/21		projection				MM				size		A2		scale		10:1					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/07						ecn no		ELX-DG-28204-1		Released											
ASME Y14.5M				chr		Justin Chen		2017/11/29						product family		ExaMAX													
surface - 		linear		0.X ± .3 0.XX ± .10 0.XXX ± .050		Amphenol FCI		title		ExaMAX VERTICAL HEADER		cat. no.		SEE TABLE		Product-		Customer Drw		sheet 13 of 17		rev		B					
																										dwg no		10124414	
																										angular		0° ± 2°	



10124414-Y2LLF THRU -Y2WLF
LEFT GUIDANCE CONNECTOR w/END WALLS (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE SHEET 1





spec ref		---		dr Daniel Xiao		2014/01/21		projection		MM		size A2		scale 10:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Peng-Bing Fu		2017/11/07						ecn no ELX-DG-28204-1			
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 VERTICAL HEADER ASS'Y, 2 PAIR, 80 POS, 10 IMLA		dwg no 10124414		rev B					
		angular													
						cat. no.		SEE TABLE		Product - Customer Drw		sheet 14 of 17			



PDS: Rev :B

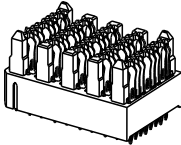
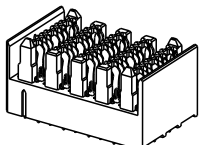
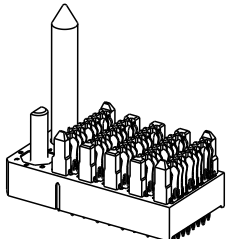
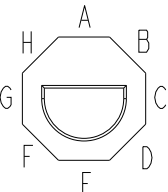
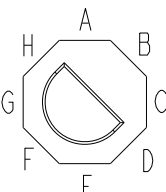
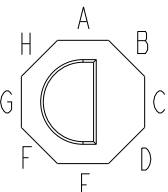
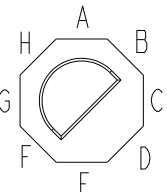
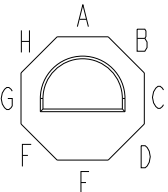
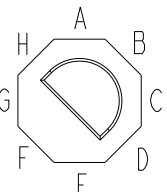
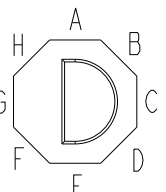
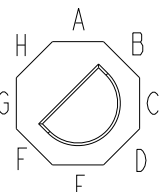
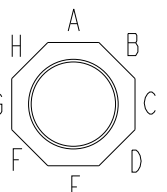
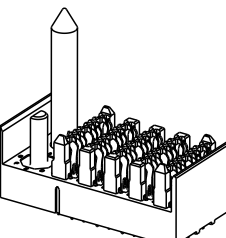
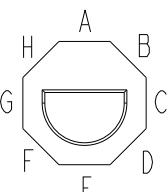
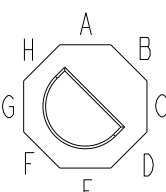
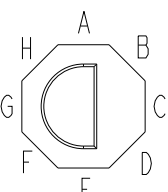
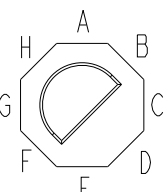
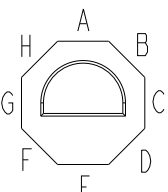
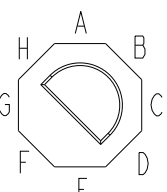
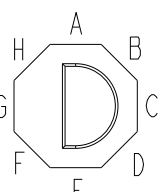
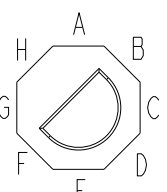
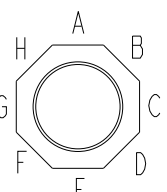
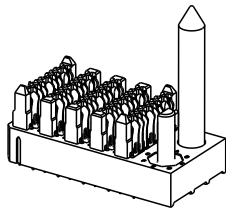
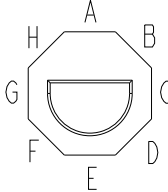
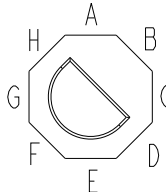
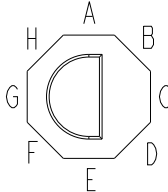
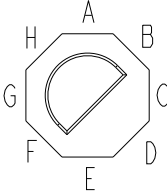
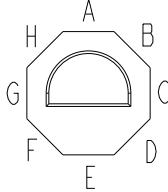
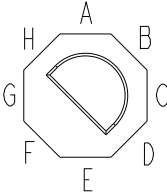
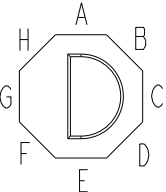
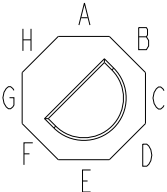
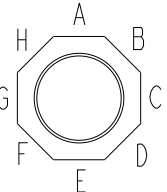
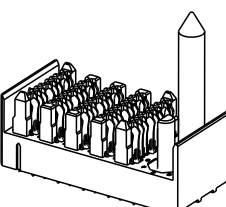
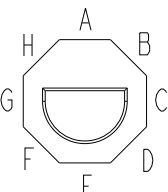
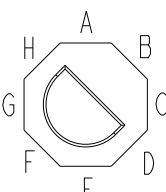
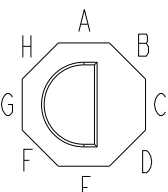
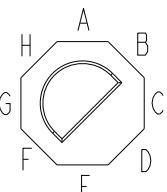
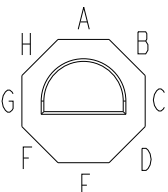
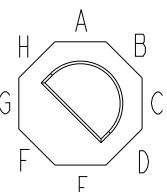
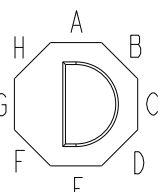
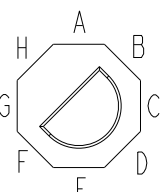
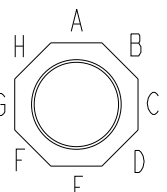
STATUS: Released

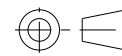
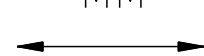

Printed: Dec 01, 2017

spec ref		---		dr		Daniel Xiao		2014/01/21		projection				MM				size		A2		scale		10:1									
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/07				ecn no		ELX-DG-28204-1		rel level		Released															
ASME Y14.5M				chr		Justin Chen		2017/11/29																		product family		ExaMAX					
surface - 		linear		0.X ±.3 0.XX ±.10 0.XXX ±.050		Amphenol FCI		title		ExaMAX VERTICAL HEADER		ASS'Y, 2 PAIR, 80 POS, 10 IMLA		dwg no		10124414		rev		B													
																										cat. no.		SEE TABLE		Product-Customer Drw		sheet 15 of 17	
																										angular		0° ±2°					

10124414 - Y Y Y L F

ASSEMBLY PART NUMBER	DESCRIPTION
10124414-1YYLF	STANDARD MATE
10124414-2YYLF	ADVANCED MATE
10124414-3YYLF	SHORT DETECT
10124414-4YYLF	ADVANCED MATE & SHORT DETECT

MODULE DESCRIPTION	DESIGNATION REPRESENTED IN DASH NUMBER									BASE MODULE
WITHOUT END WALLS (SEE SHEET 1)	01									
WITH END WALLS (SEE SHEET 6)	02									
RIGHT GUIDANCE MODULE, WITHOUT END WALLS (SEE SHEET 8)	1A	1B	1C	1D	1E	1F	1G	1H	1J (NO KEY)	
										
RIGHT GUIDANCE MODULE, WITH END WALLS (SEE SHEET 10)	1L	1M	1N	1P	1R	1T	1U	1V	1W (NO KEY)	
										
LEFT GUIDANCE MODULE, WITHOUT END WALLS (SEE SHEET 12)	2A	2B	2C	2D	2E	2F	2G	2H	2J (NO KEY)	
										
LEFT GUIDANCE MODULE, WITH END WALLS (SEE SHEET 14)	2L	2M	2N	2P	2R	2T	2U	2V	2W (NO KEY)	
										

spec ref		---		dr		Daniel Xiao		2014/01/21		projection		MM		size		A2		scale		5:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2017/11/07						ecn no		ELX-DG-28204-1		rel level		Released							
ASME Y14.5M				chr		Justin Chen		2017/11/29																			
				appr		Heaven Cen		2017/11/30														product family		ExaMAX			
surface		- 		linear		0.X		±.3		Amphenol FCI		title		ExaMAX VERTICAL HEADER		dwg no		10124414		rev		B					
																								0.XX		±.10	
																								0.XXX		±.050	
		angular		0°		±2°		cat. no.		SEE TABLE		Product - Customer Drw		sheet 16 of 17													

