

PRODUCT NUMBER
SEE SHEET 10

ODD COLUMN,
CONTACT ROW ID
ODD AND EVEN
COLUMNS ARE OFFSET

EVEN COLUMN,
CONTACT ROW ID

CONNECTOR MATING FACE

SEE NOTE 6

HOUSING

ORGANIZER

IMLA

(25.10)

(4.60)

TOP SURFACE
OF PCB




CL OF ODD COLUMNS

19X 1.2
PER COLUMN

4.1
CL OF EVEN COLUMNS

104X 1.40±0.20
SIGNALS
56X 1.60±0.20
GROUNDS
SEE NOTE 18

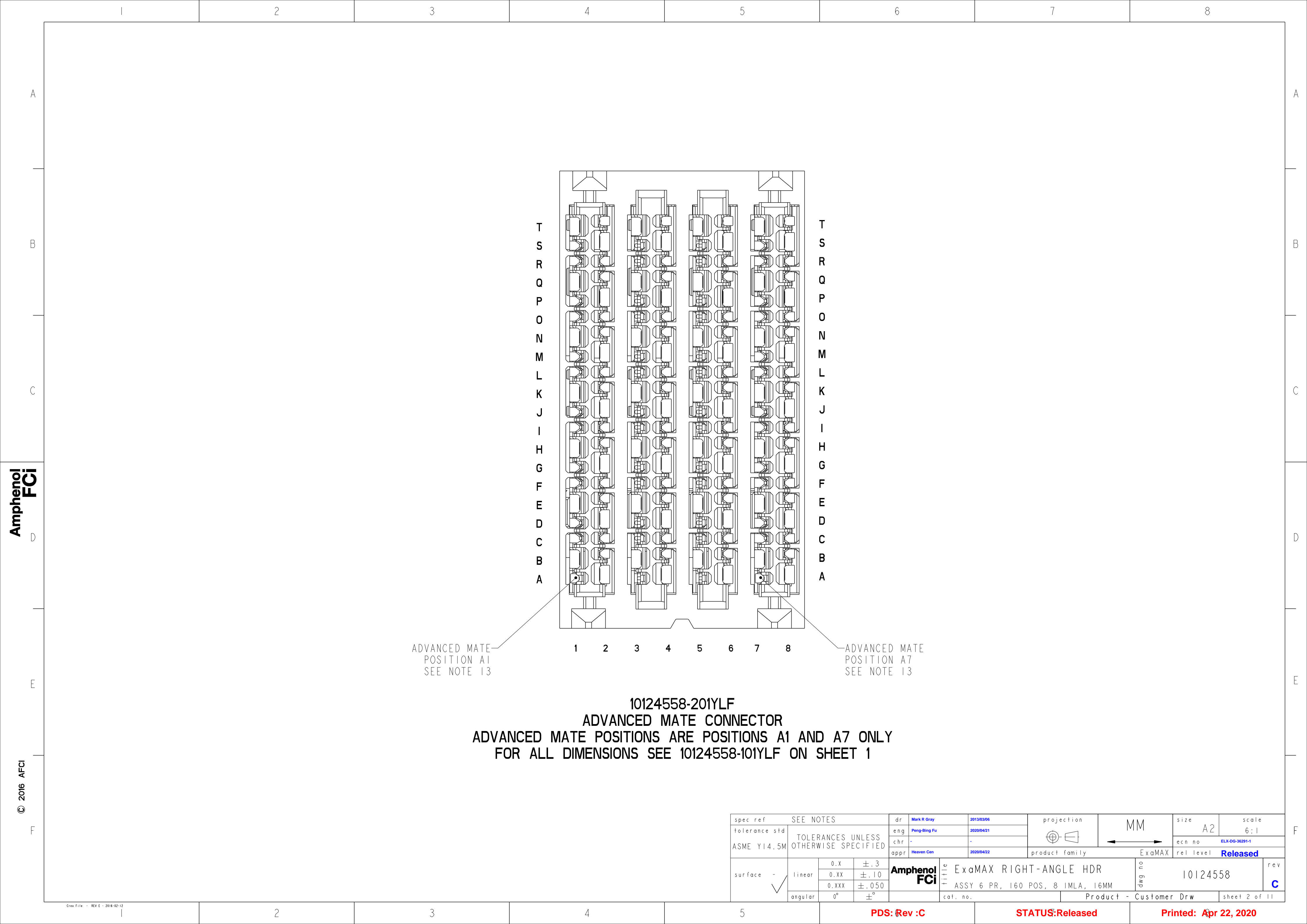
10124558-101YLF
STANDARD MATE CONNECTOR

spec ref		SEE NOTES		dr	Mark R Gray	2013/03/06	projection 	MM 	size	A2	scale	7:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Peng-Bing Fu	2020/04/21			ecn no	ELX-DG-36291-1				
ASME Y14.5M				chr	-	-			product family	ExaMAX				
				appr	Heaven Cen	2020/04/22			rel level	Released				
surface - 	linear	0.X	±.3	Amphenol FCi	title	ExaMAX RIGHT-ANGLE HDR ASSY 6 PR, 160 POS, 8 IMLA, 16MM				dwg no	10124558		rev	C
		0.XX	±.10											
		0.XXX	±.050											
	angular	0°	±°		cat. no.	Product - Customer Drw				sheet 1 of 11				

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STATUS:Released




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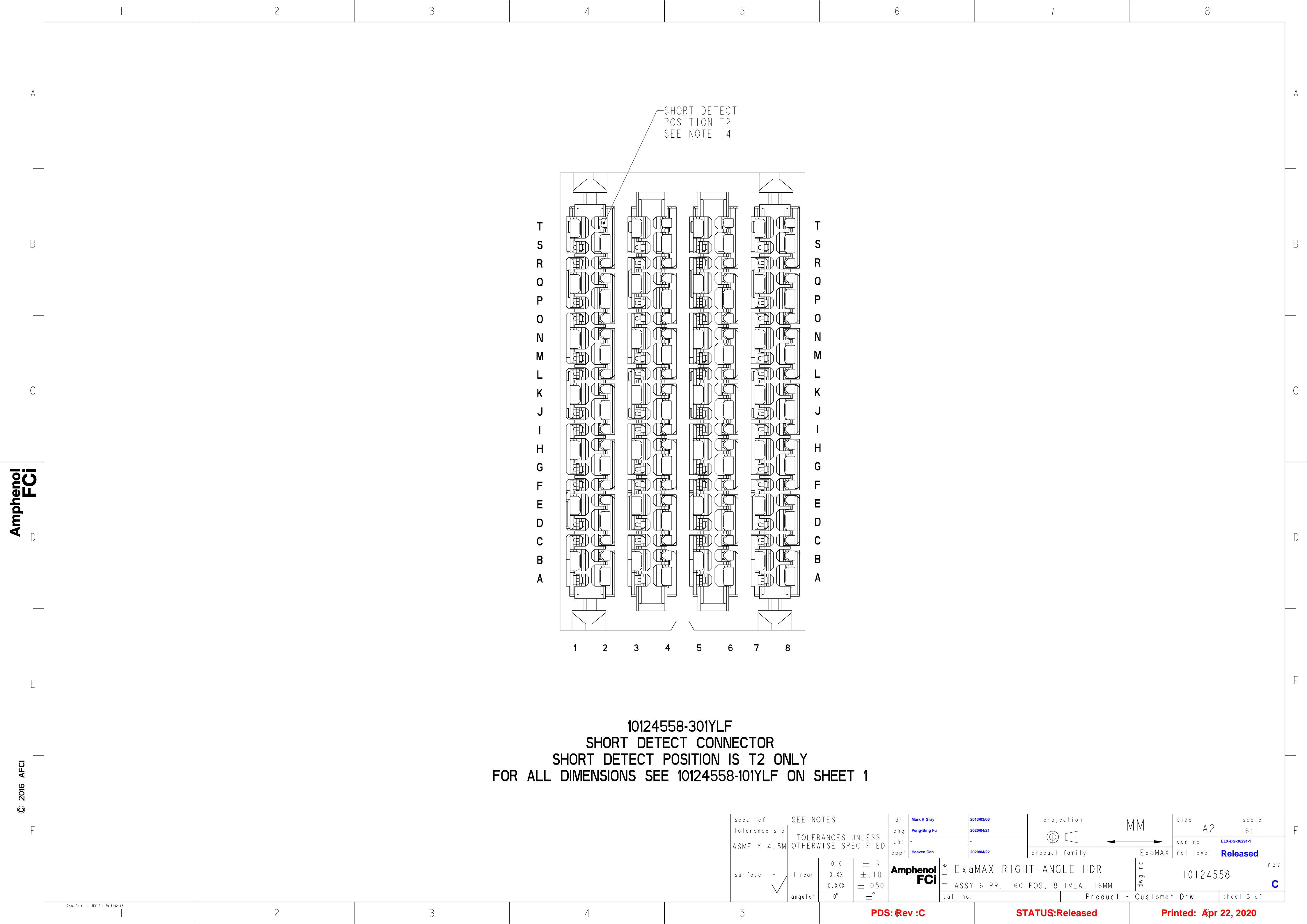


ADVANCED MATE
POSITION A1
SEE NOTE 13

ADVANCED MATE
POSITION A7
SEE NOTE 13

10124558-201YLF
ADVANCED MATE CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A7 ONLY
FOR ALL DIMENSIONS SEE 10124558-101YLF ON SHEET 1

spec ref		SEE NOTES			dr		Mark R Gray		2013/03/06		projection		MM		size		A2		scale		6:1								
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2020/04/21						ecn no		ELX-DG-36291-1												
ASME Y14.5M					chr		-		-						product family		ExaMAX												
					appr		Heaven Cen		2020/04/22						rel level										Released				
surface - 		linear		0.X		±.3		Amphenol FCI		title		ExaMAX RIGHT-ANGLE HDR ASSY 6 PR, 160 POS, 8 IMLA, 16MM										dwg no		10124558		rev		C	
				0.XX		±.10																							
				0.XXX		±.050																							
				angular		0°		±°		cat. no.		Product - Customer Drw										sheet 2 of 11							



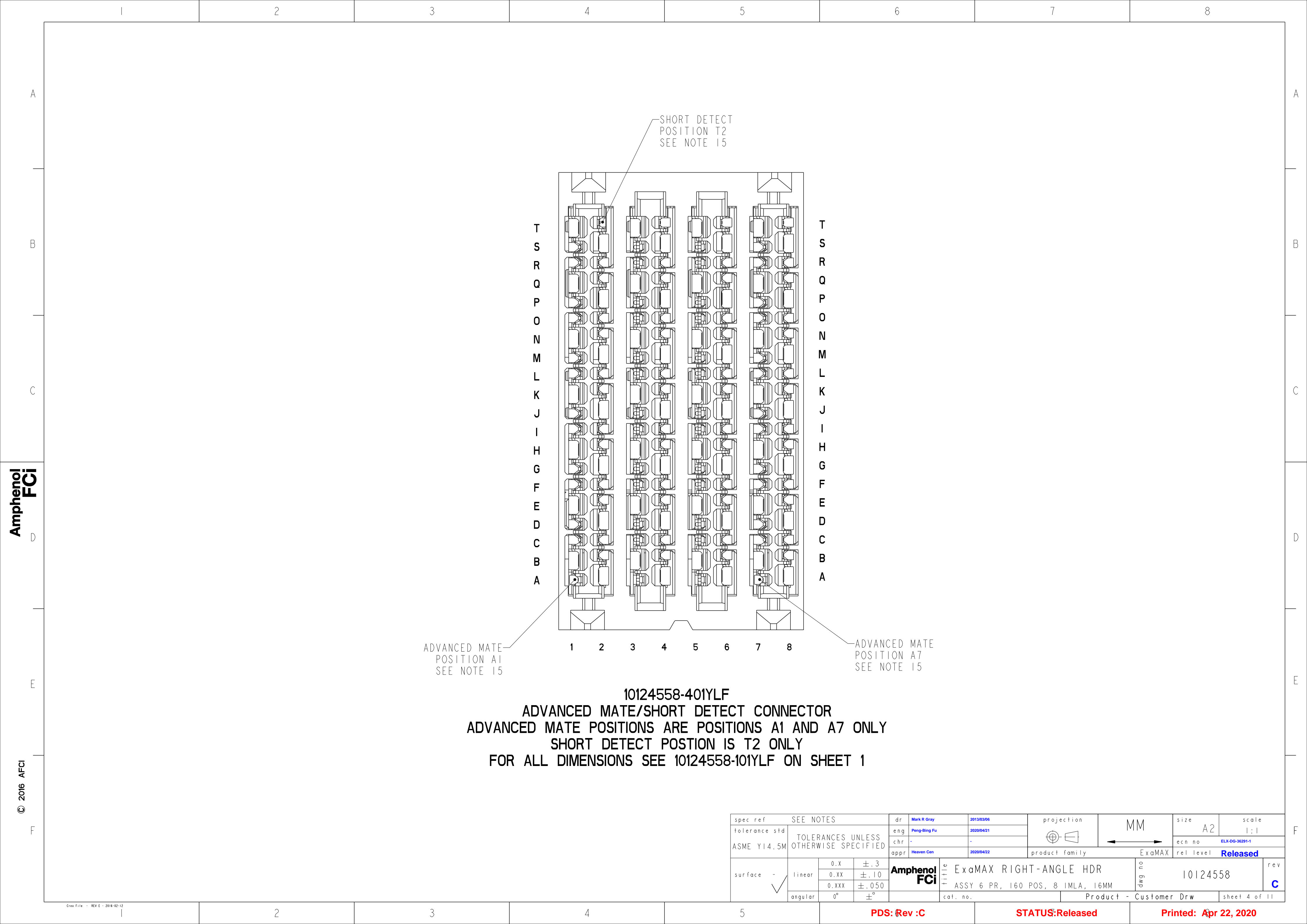
10124558-301YLF
SHORT DETECT CONNECTOR
SHORT DETECT POSITION IS T2 ONLY
FOR ALL DIMENSIONS SEE 10124558-101YLF ON SHEET 1

spec ref		SEE NOTES			dr	Mark R Gray	2013/03/06	<div>projection</div> <div></div>	<div>MM</div> <div></div>	size	A2	scale	6:1
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2020/04/21			ecn no	ELX-DG-36291-1		
ASME Y14.5M					chr	-	-		2020/04/22	product family		ExaMAX	
		appr	Heaven Cen										
<div>surface</div> <div>-</div> <div></div>	linear	0.X	±.3	<div>Amphenol</div> <div>FCI</div>	title	ExaMAX RIGHT-ANGLE HDR				dwg no	10124558	rev	C
		0.XX	±.10										
		0.XXX	±.050			ASSY 6 PR, 160 POS, 8 IMLA, 16MM							
		angular	0°										
				cat. no.	Product - Customer Drw				sheet 3 of 11				




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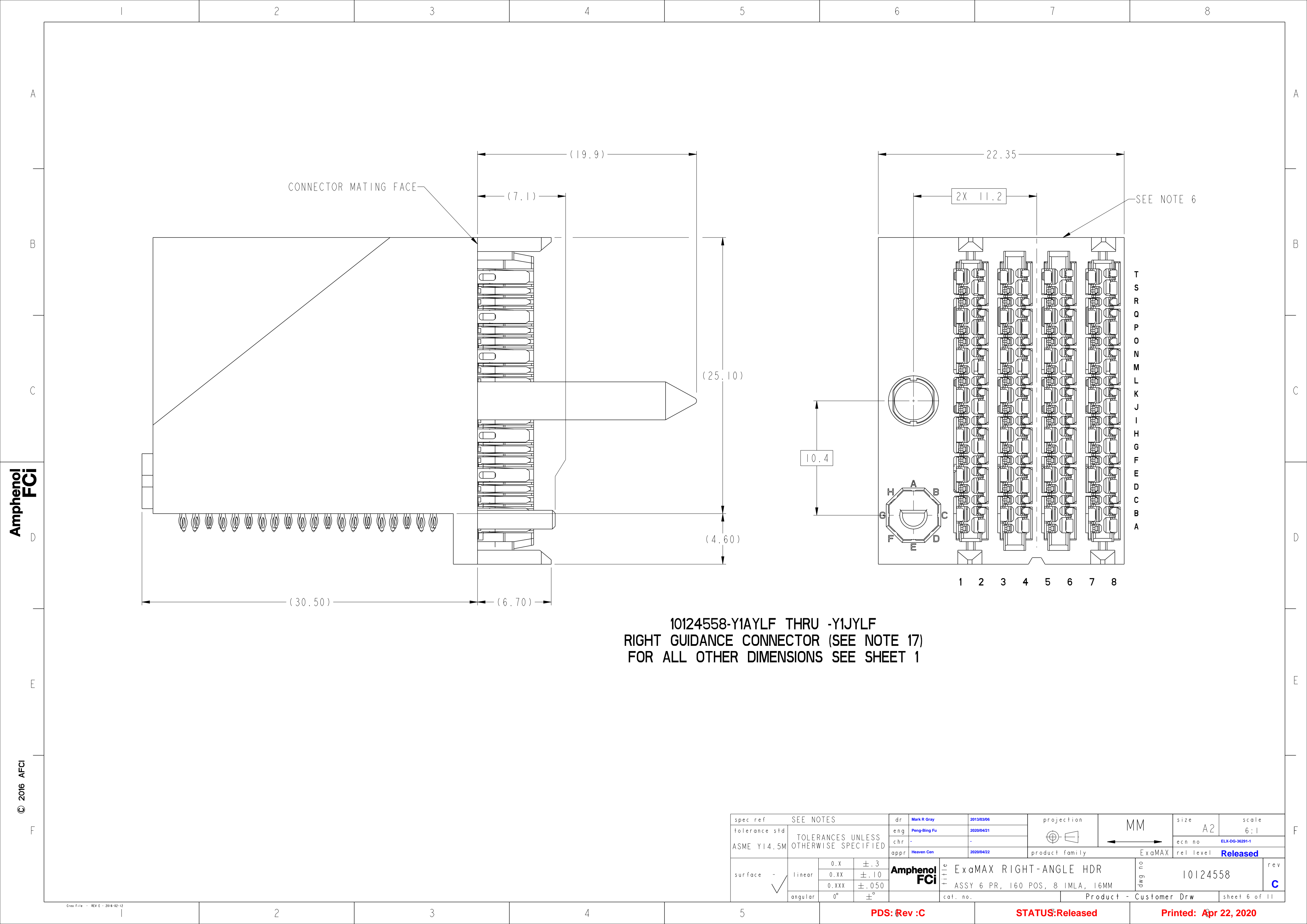


10124558-401YLF
ADVANCED MATE/SHORT DETECT CONNECTOR
ADVANCED MATE POSITIONS ARE POSITIONS A1 AND A7 ONLY
SHORT DETECT POSTION IS T2 ONLY
FOR ALL DIMENSIONS SEE 10124558-101YLF ON SHEET 1

spec ref		SEE NOTES			dr		Mark R Gray		2013/03/06		projection		MM		size		A2		scale		1:1								
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2020/04/21						ecn no		ELX-DG-36291-1												
ASME Y14.5M					chr		-		-						rel level		Released												
					appr		Heaven Cen		2020/04/22						product family		ExaMAX												
surface - 		linear		0.X		±.3		Amphenol FCi		title		ExaMAX RIGHT-ANGLE HDR ASSY 6 PR, 160 POS, 8 IMLA, 16MM										dwg no		10124558		rev		C	
				0.XX		±.10																							
				0.XXX		±.050																							
		angular		0°		±°				cat. no.		Product - Customer Drw										sheet 4 of 11							




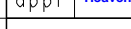


spec ref		SEE NOTES		dr		Mark R Gray		2013/03/06		projection				size		scale					
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED ASME Y14.5M		eng		Peng-Bing Fu		2020/04/21						A2		3:1					
ch r				-		-								ec n no		ELX-DG-36291-1					
appr		Heaven Cen		2020/04/22		product family		ExaMAX								rel level		Released			
surface - 		linear		0.X		± .3		Amphenol FCi		Title		EXaMAX RIGHT-ANGLE HDR		dwg no		10124558		rev		C	
				0.XX		± .10															
				0.XXX		± .050															
		angular				± °		cat. no.		Product-		Customer Drw		sheet 5 of 11							



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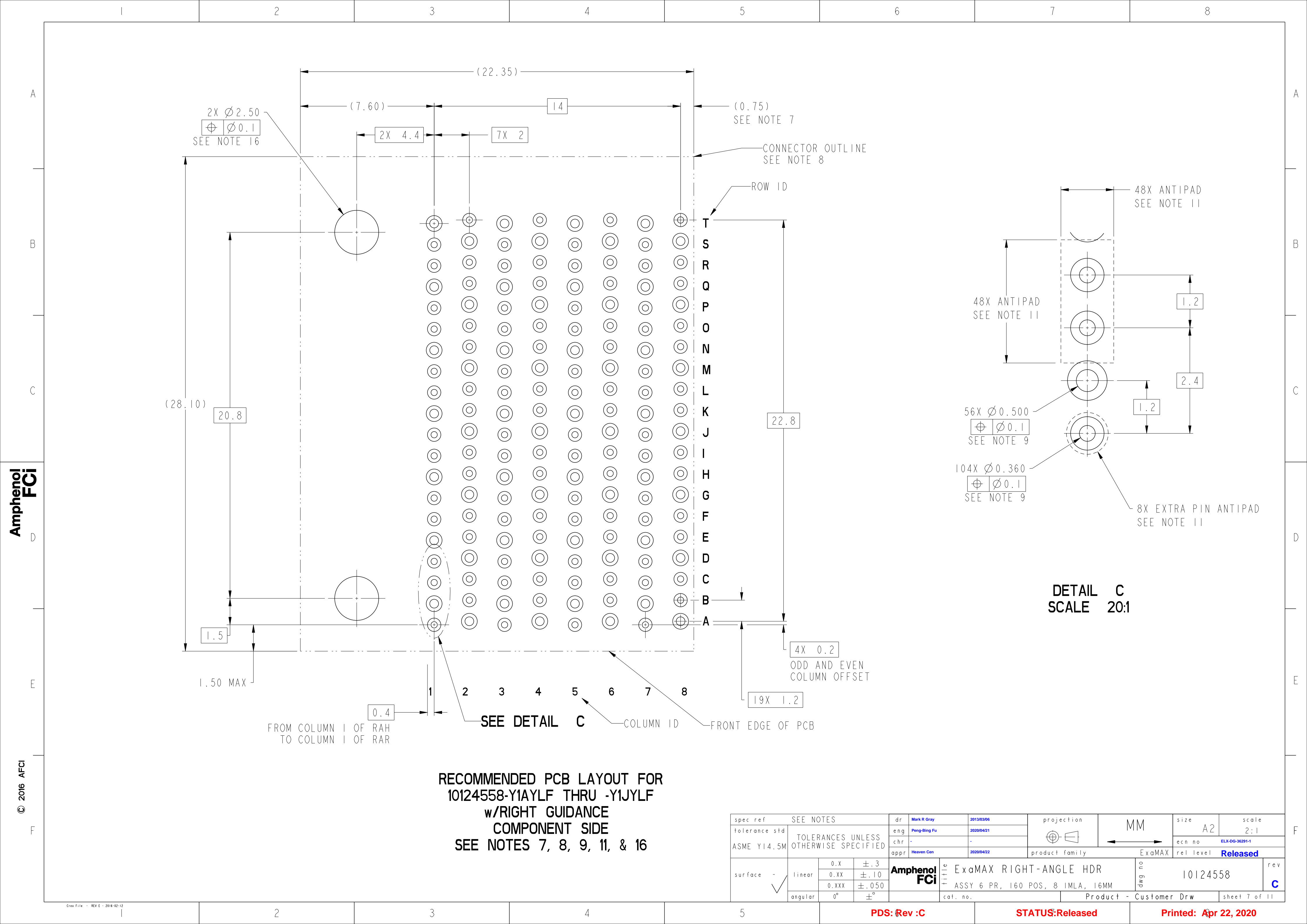
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spec ref	SEE NOTES			dr	Mark R Gray	2013/03/06			size	A2	scale	6:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Peng-Bing Fu	2020/04/21			ecn no	ELX-DG-36291-1				
ASME Y14.5M				chr	-	-			rel level	Released				
				appr	Heaven Cen	2020/04/22	product family		ExaMAX					
surface - 	linear	0.X	±.3		title					ExaMAX RIGHT-ANGLE HDR	dwg no	10124558	rev	C
		0.XX	±.10											
		0.XXX	±.050											
	angular	0°	±°		cat. no.		Product - Customer Drw				sheet 6 of 11			

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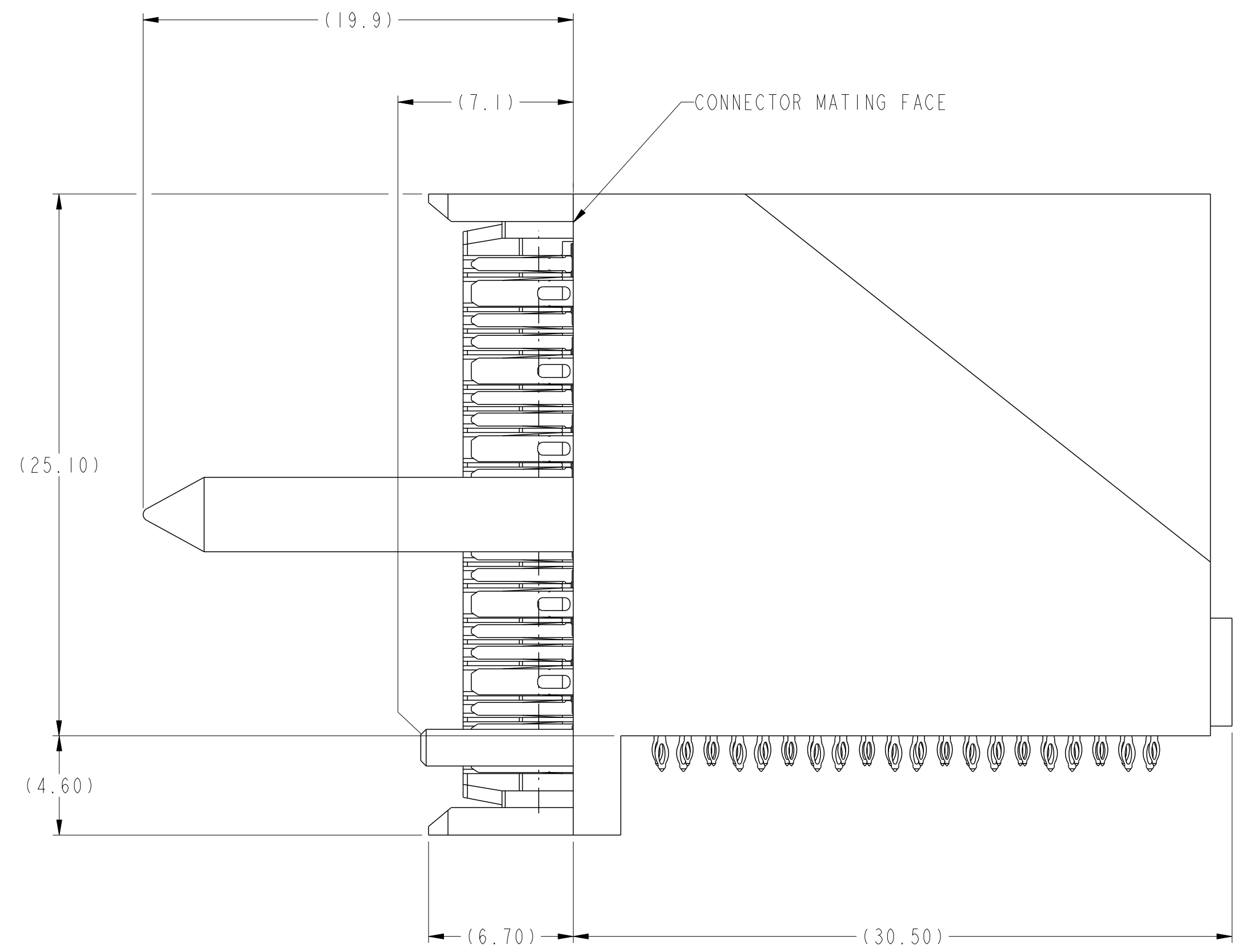
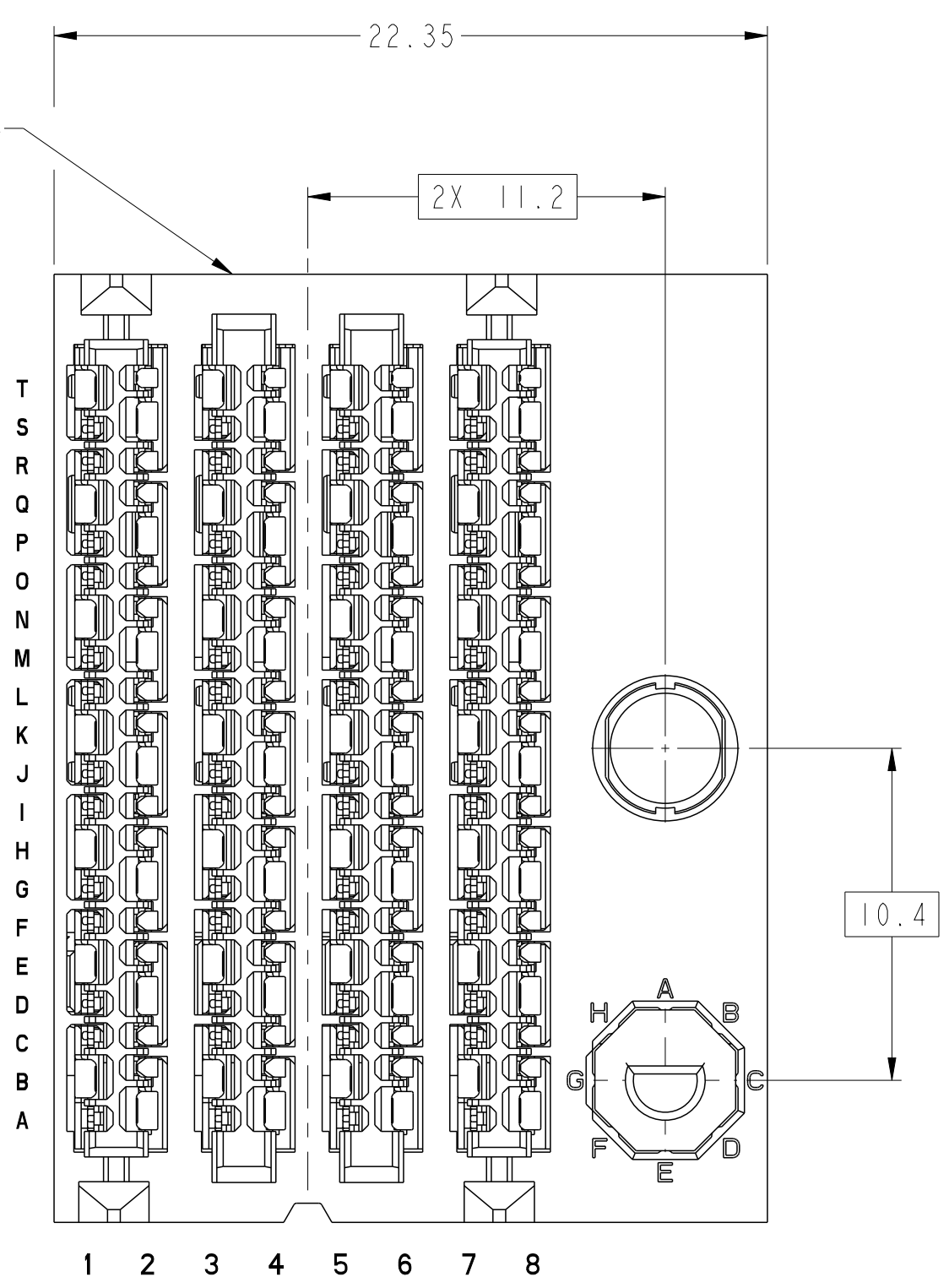


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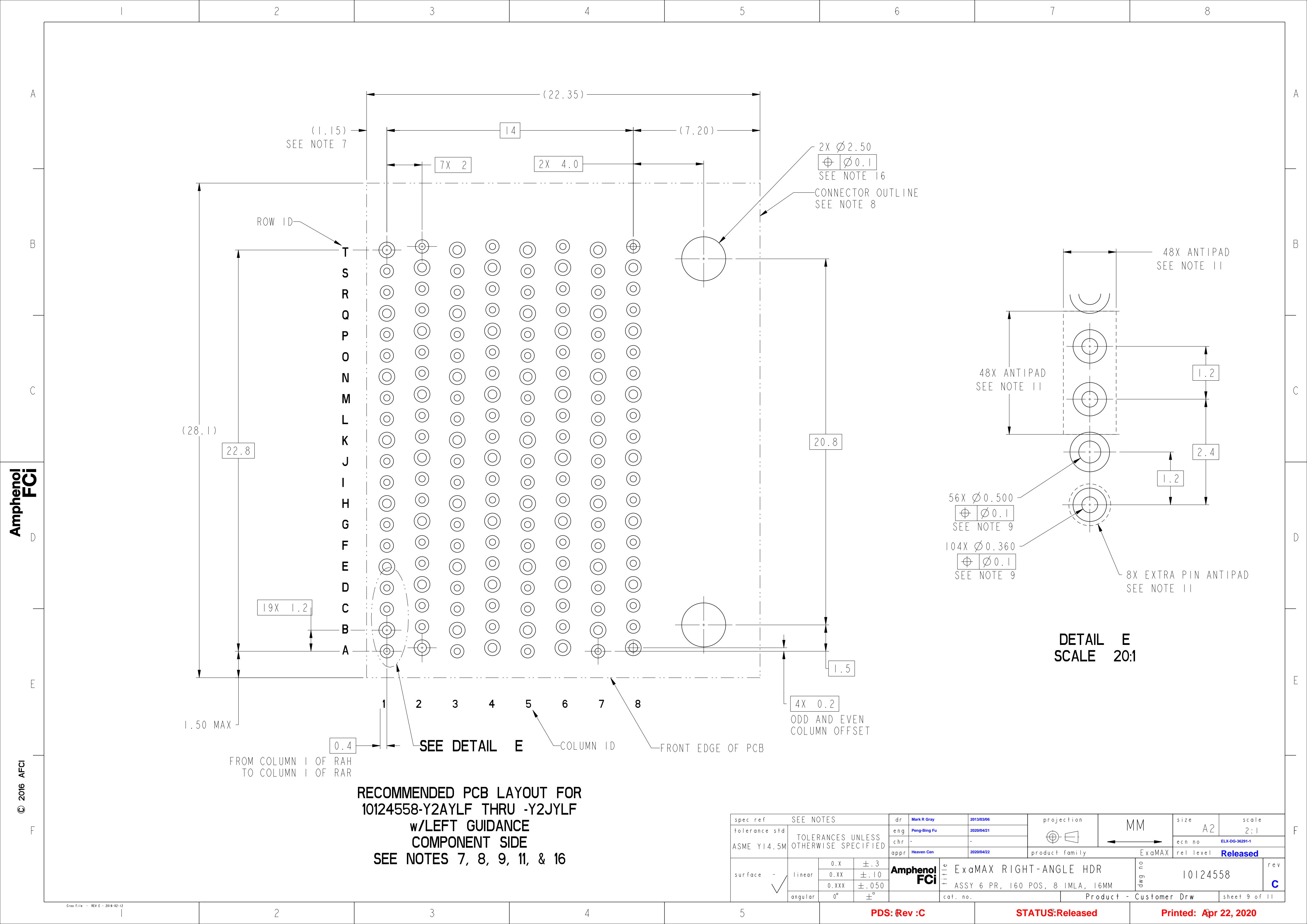
RECOMMENDED PCB LAYOUT FOR
10124558-Y1AYLF THRU -Y1JYLF
w/RIGHT GUIDANCE
COMPONENT SIDE
SEE NOTES 7, 8, 9, 11, & 16

spec ref		SEE NOTES		dr		Mark R Gray		2013/03/06		projection		MM		size		A2		scale		2:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2020/04/21						ecn no		ELX-DG-36291-1							
ASME Y14.5M				chr		-		-						product family		ExaMAX		rel level		Released			
				appr		Heaven Cen		2020/04/22															
surface - 		linear		0.X		±.3		Amphenol FCi		title		ExaMAX RIGHT-ANGLE HDR ASSY 6 PR, 160 POS, 8 IMLA, 16MM		dwg no		10124558		rev		C			
				0.XX		±.10																	
				0.XXX		±.050																	
				angular		0°		±°		cat. no.		Product - Customer Drw		sheet 7 of 11									



10124558-Y2AYLF THRU -Y2JYLF
LEFT GUIDANCE CONNECTOR (SEE NOTE 17)
FOR ALL OTHER DIMENSIONS SEE SHEET 1

spec ref		SEE NOTES			dr		Mark R Gray		2013/03/06		projection		MM		size		A2		scale		6:1																
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Peng-Bing Fu		2020/04/21						ecn no		ELX-DG-36291-1																				
ASME Y14.5M					chr		-		-						rel level		Released																				
					appr		Heaven Cen		2020/04/22		product family										ExaMAX																
surface -		linear		0.X		±.3		Amphenol FCI		title		ExaMAX RIGHT-ANGLE HDR										dwg no		10124558										rev		C	
				0.XX		±.10																															
				0.XXX		±.050						cat. no.		Product- Customer Drw										sheet 8 of 11													



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spec ref		SEE NOTES		dr	Mark R Gray	2013/03/06			MM	size	A2	scale	2:1		
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Peng-Bing Fu	2020/04/21				ecn no	ELX-DG-36291-1				
ASME Y14.5M				chr	-	-				rel level	Released				
				appr	Heaven Cen	2020/04/22	product family		ExaMAX						
 surface - 	linear	0.X	±.3		title	ExaMAX RIGHT-ANGLE HDR ASSY 6 PR, 160 POS, 8 IMLA, 16MM					dwg no	10124558		rev	C
		0.XX	±.10												
		0.XXX	±.050												
	angular	0°	±°												
				cat. no.		Product - Customer Drw					sheet 9 of 11				

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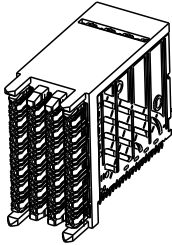
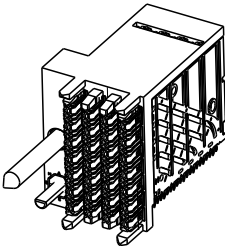
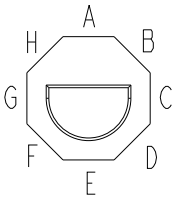
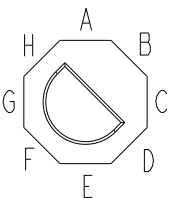
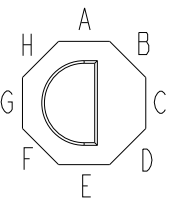
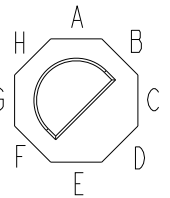
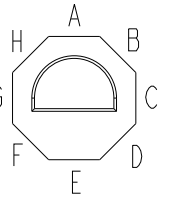
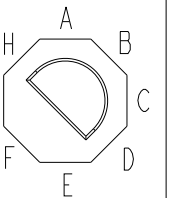
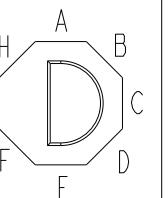
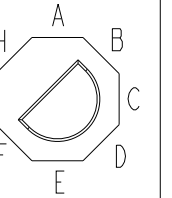
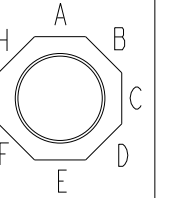
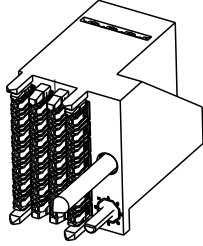
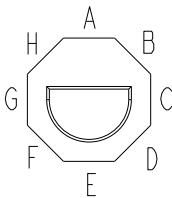
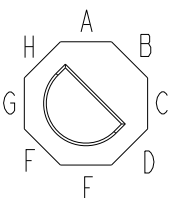
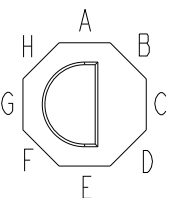
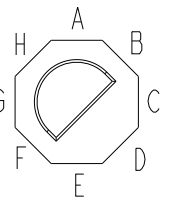
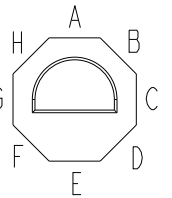
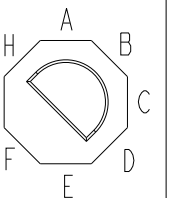
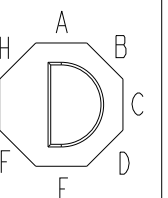
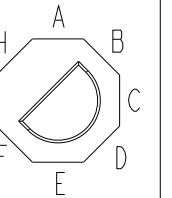
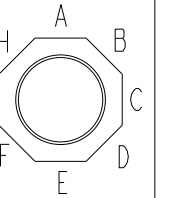
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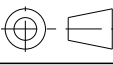


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10124558 - Y Y Y Y L F

PLATING
SEE NOTE 2

ASSEMBLY PART NUMBER	DESCRIPTION
10124558-1YYYYLF	STANDARD MATE
10124558-2YYYYLF	ADVANCED MATE
10124558-3YYYYLF	SHORT DETECT
10124558-4YYYYLF	ADVANCED MATE & SHORT DETECT

MODULE DESCRIPTION	DESIGNATION REPRESENTED IN DASH NUMBER									BASE MODULE
STANDARD NO GUIDANCE (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		Mark R Gray		2013/03/06		projection		MM		size		A2		scale		1:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Peng-Bing Fu		2020/04/21						ecn no		ELX-DG-36291-1					
ASME Y14.5M				chr		-		-						rel level		Released					
				appr		Heaven Cen		2020/04/22						product family		ExaMAX					
surface - 		linear		0.X ±.3		0.XX ±.10		0.XXX ±.050		Amphenol FCi		title		ExaMAX RIGHT-ANGLE HDR ASSY 6 PR, 160 POS, 8 IMLA, 16MM		dwg no		10124558		rev C	
				angular		0° ±°				cat. no.				Product - Customer Drw		sheet 10 of 11					

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NOTES

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spec ref

tolerance std

ASME Y14.5M

linear

angular

SEE NOTES

TOLERANCES UNLESS OTHERWISE SPECIFIED

0.X ±.3

0.XX ±.10

0.XXX ±.050

0° ±°

dr

eng

chr

appr

Mark R Gray

Peng-Bing Fu

-

Heaven Cen

2013/03/06

2020/04/21

-

2020/04/22

projection

MM

product family

ExaMAX

size

scale

A2

2:1

ecn no

ELX-DG-36291-1

rel level

Released

surface

-

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title

ExaMAX RIGHT-ANGLE HDR

assy

ASSY 6 PR, 160 POS, 8 IMLA, 16MM

cat. no.

Product - Customer Drw

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dwg no

10124558

rev

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