

5	6		7	8	
					A
	SEE NOTE 6		-HOUSING		В
( 8.90)				L.25 COLUMNS	С
				I.05 ↓ ROW A EVEN COLUMNS I I I COLUMNS	D
TOP SURFACE OF DAUGHTERCARD	(6.7)	)) — (  .65)	C 42X SIGN 24X GROU	Ⅰ.60±0.15	E
spec ref SEE N tolerance std TOLE ASME YI4.5M OTHER	RANCES UNLESS WISE SPECIFIED chr Heaven	2017/01/23 Cen 2017/01/22	projection	MM A2 Scale ecn no -	F
surface - linear angular	0.x     ±.3     Amphe       0.xx     ±.10     F       0.xxx     ±.050     F	nol	POS,6 IMLA Product -	ExaMAX rel level Released Customer Drw sheet l of ll	
5	PDS: Rev :A	STAT	US:Released	Printed: Jan 23, 2017	

		2	3	4	
A					
					.85) — Note 7
В				ODD COLUMN ROW	V ID-
			I8X ANTIPAD SEE NOTE II		¥
С				12.0	, , ,
enol FCi	I 8 X A M See no			OX   . 2	
Amphenol FCi	-	4X Ø 0.500		(3.35)	<u>▼</u> ,
		⊕ Ø 0.10 SEE NOTE 9 SEE NOTE 9	SX EXTRA PIN ANTIPAD SEE NOTE II	3X ODD AND EVEN COLUMN OFFS (0.75 X	SET /
E		DETAIL / SCALE 20	A O:1	0.00 MM BETWEEN C OF THE RAR AND C	COLUMN I
			10128	OMMENDED PCB LAYOUT 3349-Y01LF COMPONENT SEE NOTES 7, 8, 9 &	SIDE
© 2016 AFCI				SCALE 8:1	
F					

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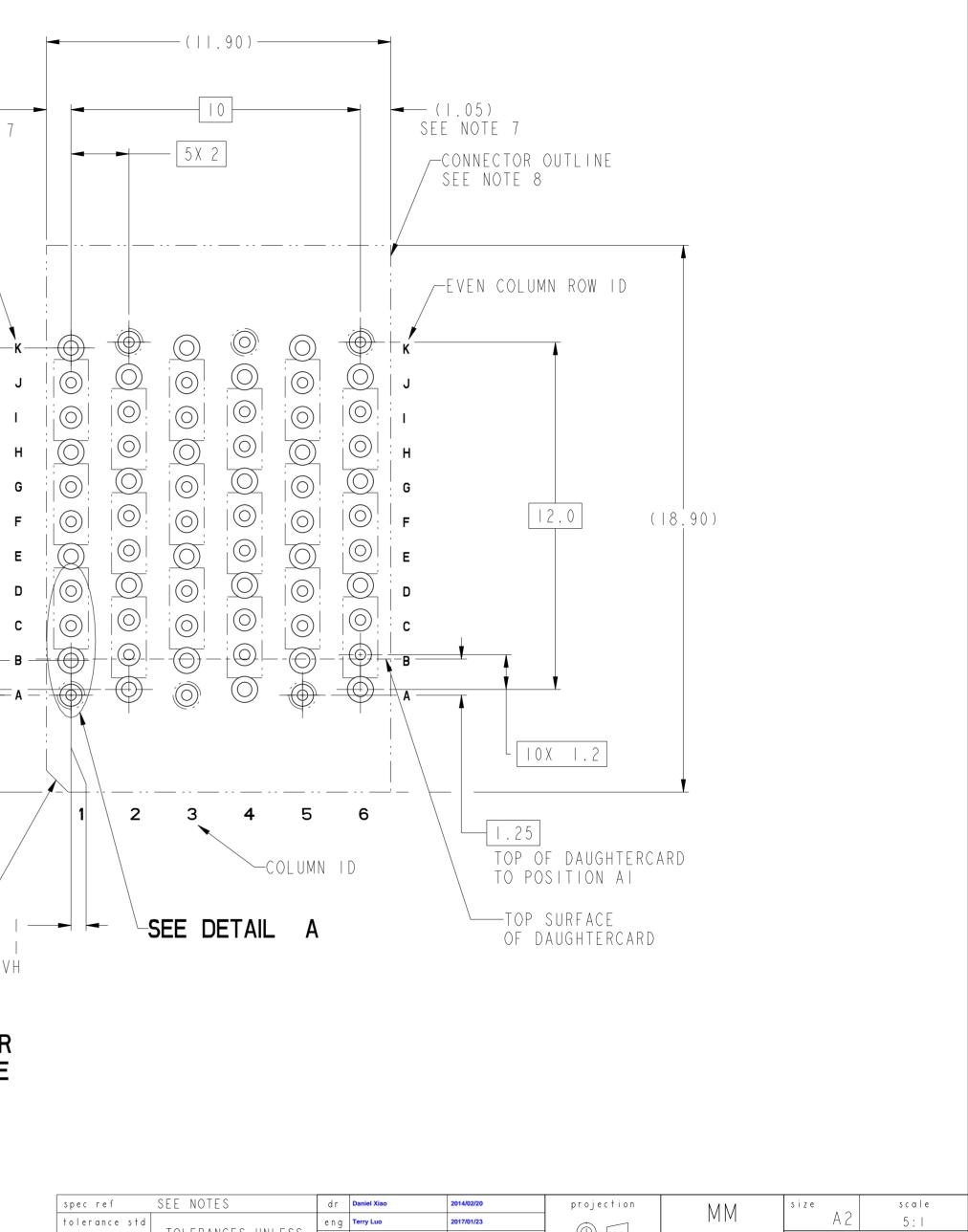
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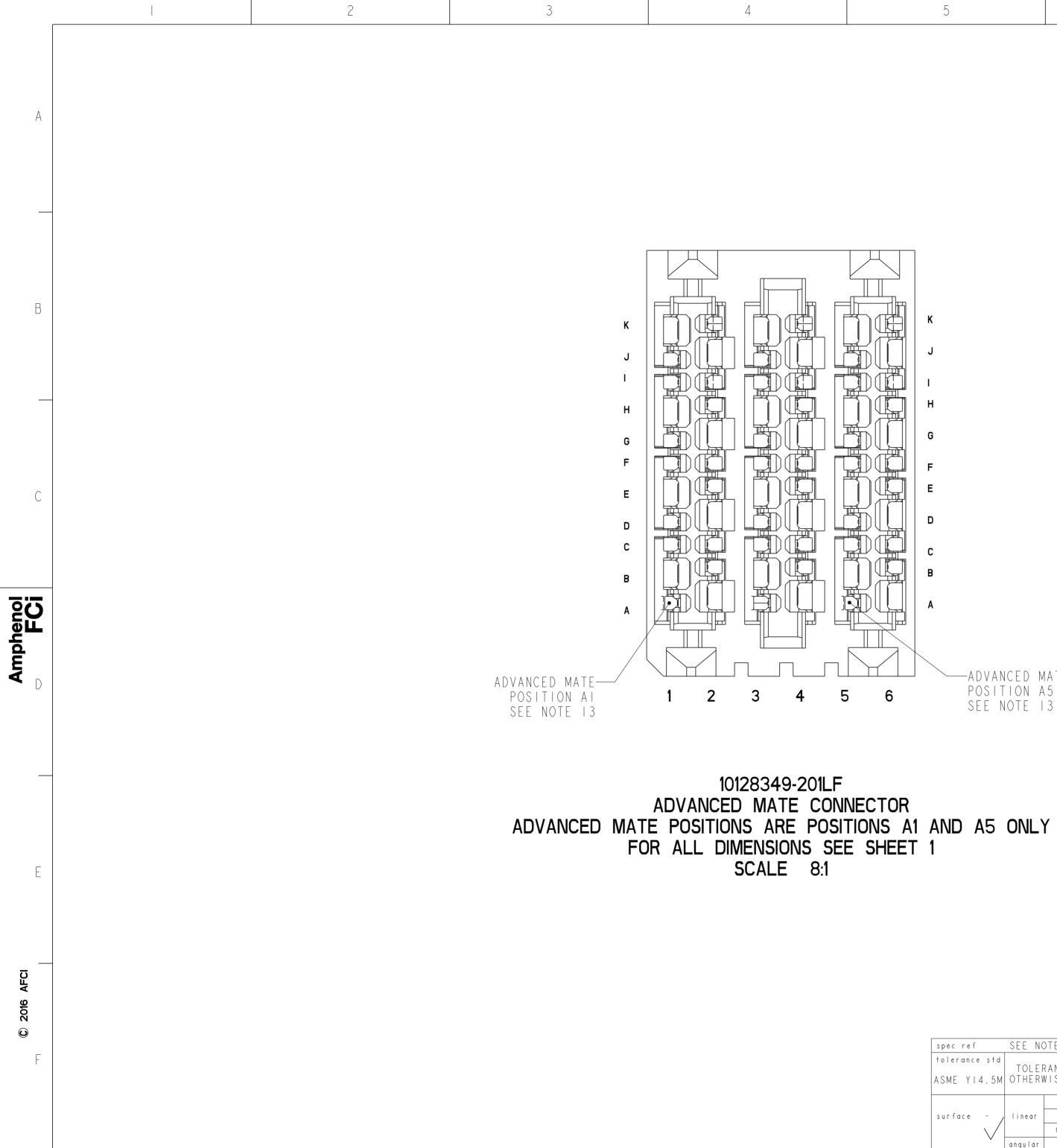
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00001	• •				<u> </u>				P' * J *		L N	/ N / I	0,20	00000	
tolerar	nce std				eng	Terry Luo		2017/01/23		$\square$	l Iv	1M	A 2	5:1	
ASMEN	VIA 5M		RANCES U VISE SPE		chr	Heaven Cen		2017/01/22	$\square$		-		ecn no	-	
ASML	114.51		INCL OIL		appr	Pei-Ming Zheng	l	2017/01/23	product	family		ExaMAX	rel level	Released	
			0.X	±.3	A	shanal	© ⊑.,	aMAX VERI			D	0 L			rev
surfac	e - /	linear	0.XX	±.10	Amj	FCi		QMAX VEN	IICAL	ΠΕΑVΕ	Π	o	101283	49	
	$\backslash$		0.XXX	±.050		FUI	+ ASS	Y, 3 PAIR, 6	56 POS,6	IMLA		d K			Α
	V	angular	0°	±2°			cat. no			Pro	oduct –	Customer	Drw	sheet 2 of	. 11
5				PDS	6: Re	v :A		ST	ATUS:R	eleased		Pri	nted: Jan	23, 2017	

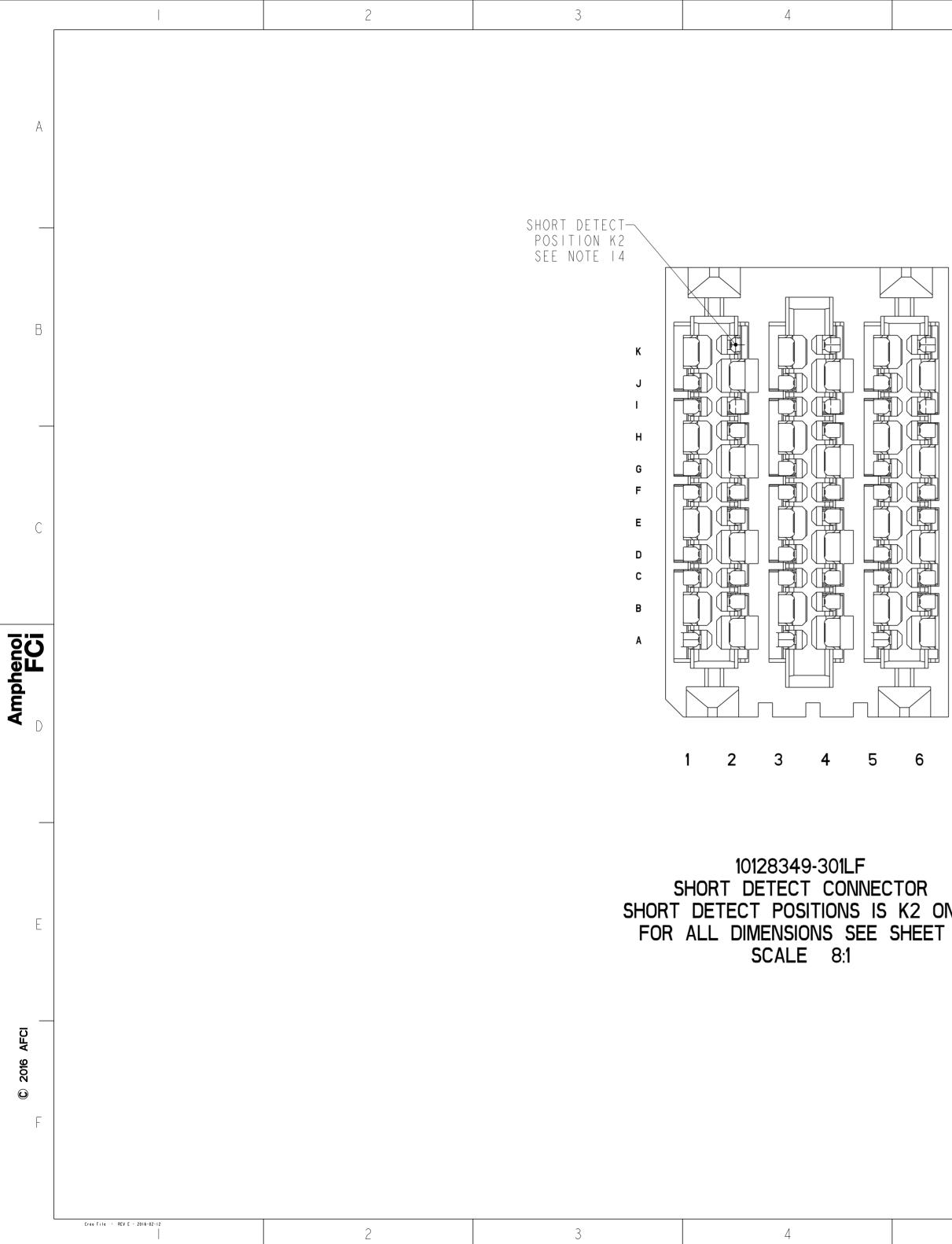


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	5	6	7	8	
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	I				В
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6	ADVANCED M POSITION A SEE NOTE I	IATE 5 3			D
OR					

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~	angular	0°	±2°			cat. no			Pro	oduct -	Customer	Drw	sheet 3 of	
		0.XXX	±.050		FU	+ ASS	Y, 3 PAIR, (	56 POS,6	IMLA		d w			Α
surface -	linear	0.XX	±. 0	Awk	ohenol FCi		UMAA VER	IICAL	ΠΕΑVΕ	Γ	0	101283	49	
		0.X	±.3	A	shanal	• ⊑ √	aMAX VER <sup>-</sup>			D	o u			rev
AJML II4.JM	VIILIW	IUL UIL		appr	Pei-Ming Zheng		2017/01/23	product	family		ExaMAX	rel level	Released	
ASME YI4.5M		ANCES L		chr	Heaven Cen		2017/01/22		$\Box$	-		ecn no	-	
tolerance std				eng	Terry Luo		2017/01/23		$\square$	ĮV	V	A 2	5:1	
spec ref	SEE NO	TES		dr	Daniel Xiao		2014/02/20	proje	ction	N	1M	size	scale	

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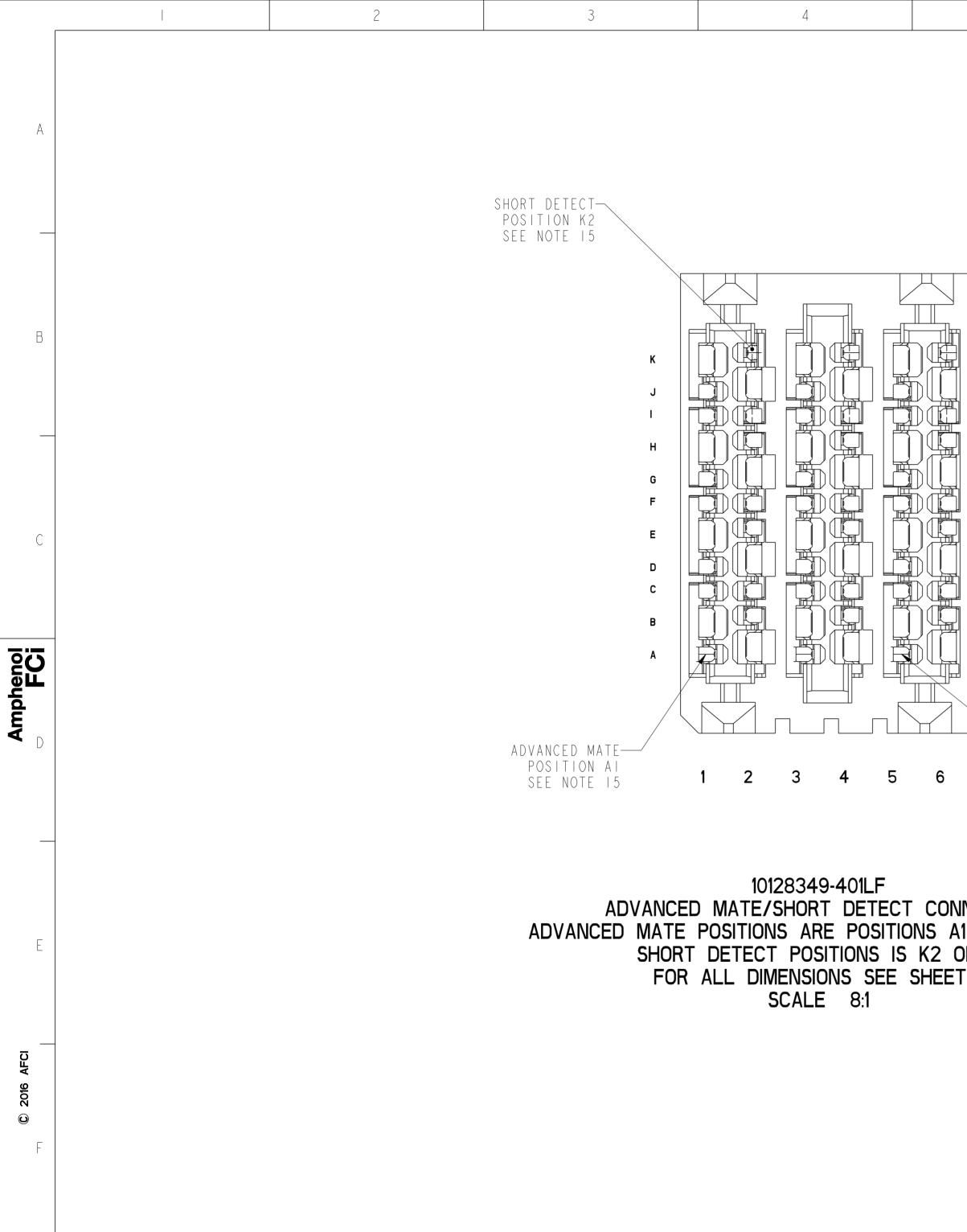
5		6		7		8	
,							
		d r Daniel Xiao	2014/02/20	projection	MM	size scale A 2 5:1	
	SEE NOTES	e n a Terry Luo	2017/01/23	A			
tolerance std	SEE NOTES TOLERANCES UNLES DTHERWISE SPECIFI	SS IED appr Pei-Ming Zheng	2017/01/23 2017/01/22 2017/01/23	product family	E x a MA X	ecn no -	

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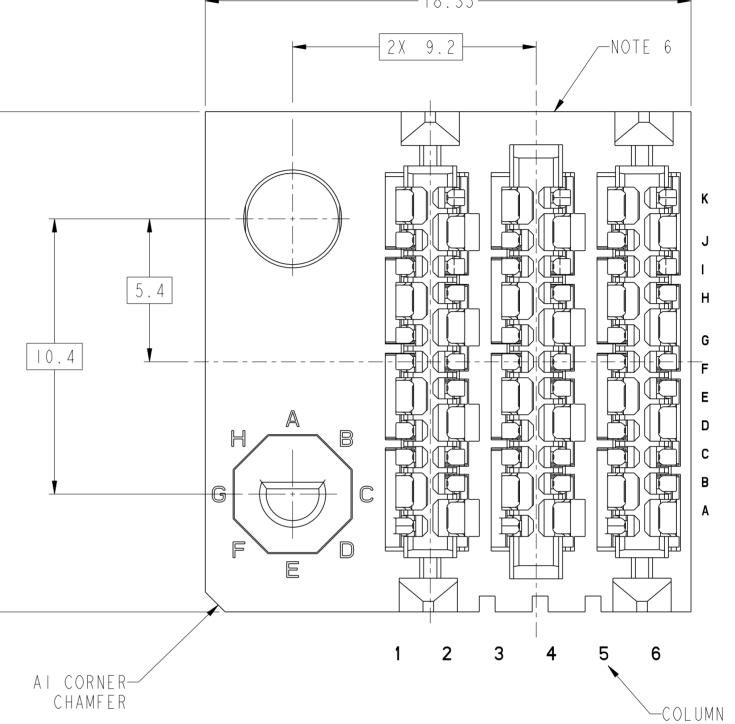
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				А
				В
H G F E D C B A				С
A ADVANCED M POSITION A SEE NOTE I	1 A T E A 5 5			D
NNECTOR A1 AND A5 ONLY ONLY T 1				E

spec ref		SEE NO	DTES		dr	Daniel Xiao		2014/02/20	proje	ection	L N	1M	size	scale	
tolerance	e std				eng	Terry Luo		2017/01/23	$\square$	$\square$	/	V	A 2	3:	
ASME YI	1 5M		RANCES U Vise spe		chr	Heaven Cen		2017/01/22	$\square$		-		ecn no	-	
ASML II	4.514	O THE K			appr	Pei-Ming Zheng		2017/01/23	product	family		ExaMAX	rel level	Released	
			0.X	±.3	A	shanal	<sup>ی</sup> د ر	aMAX VERI			D	ou			rev
surface	- /	linear	0.XX	±.10	Am	FCi	— L X	UMAA VLNI	ICAL	HLADL	_ 1\	Ø	101283	49	
	$\langle \rangle$		0.XXX	$\pm.050$			+ ASS	ΎΥ, 3 ΡΑΙR,	66 POS,	6 IMLA		d A			Α
	Ŷ	angular	0°	±2°			cat. no			Pro	oduct –	Customer	Drw	sheet 5 of	
5				PDS	:Re	v :A		ST	ATUS:R	Released		Pri	nted: Jan	23, 2017	

	2	3	4	5	6	7	8
A B C D				AI CORNER- CHAMFER			
E			RIGHT GUIDANCE CON FOR ALL OTHER DIN	F THRU -Y1JLF INECTOR (SEE NOTE 17) IENSIONS SEE SHEET 1 .E 7:1			
<b>© 2016 AFCI</b>				spec ref SEE NO tolerance std ASME YI4.5M OTHERV	RANCES UNLESS VISE SPECIFIED eng Terry Luo 2 chr Heaven Cen 2 appr Pei-Ming Zheng 2		size A2 scale 5:1 ecn no aMAX rel level <b>Released</b> rev

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	2	3	4	



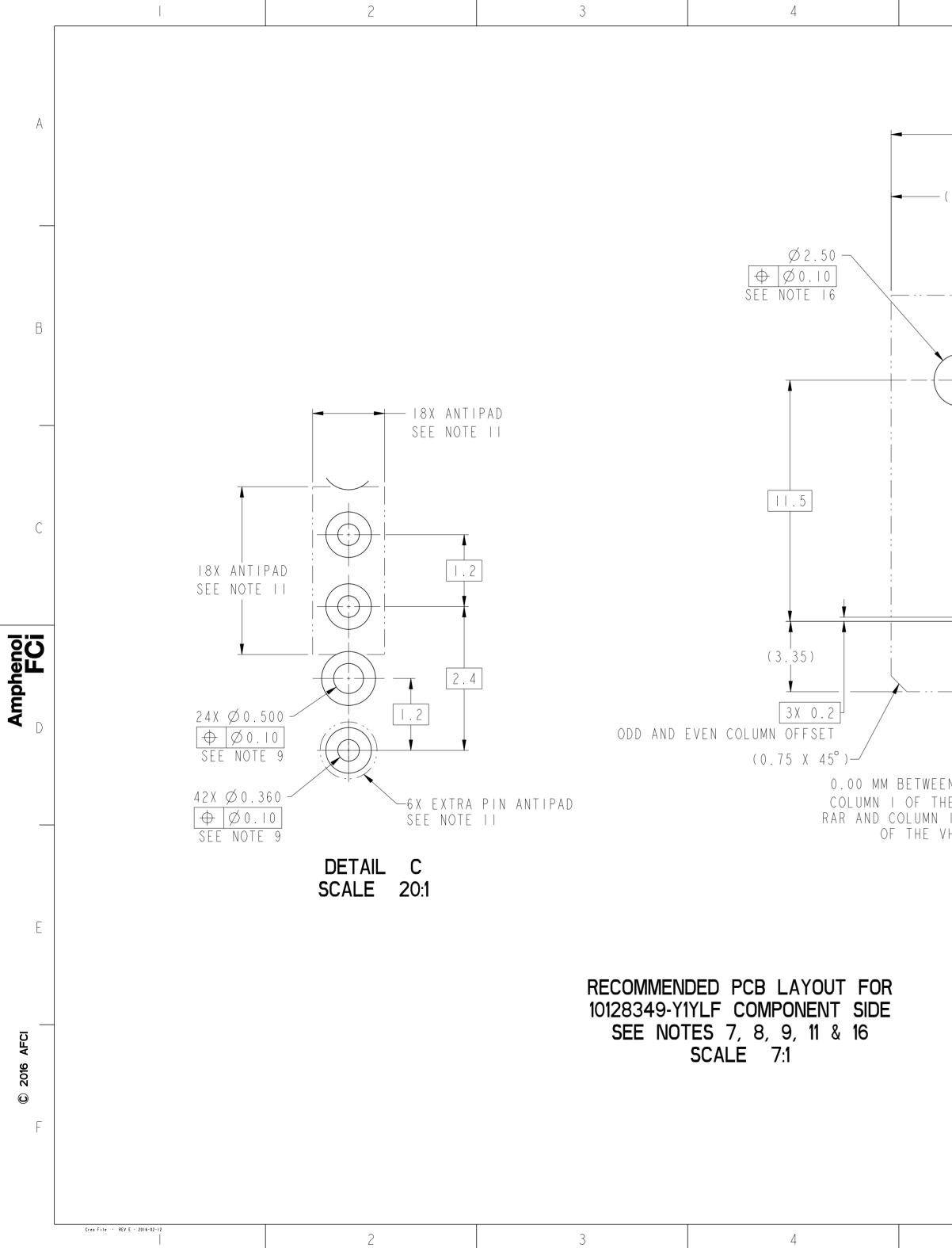
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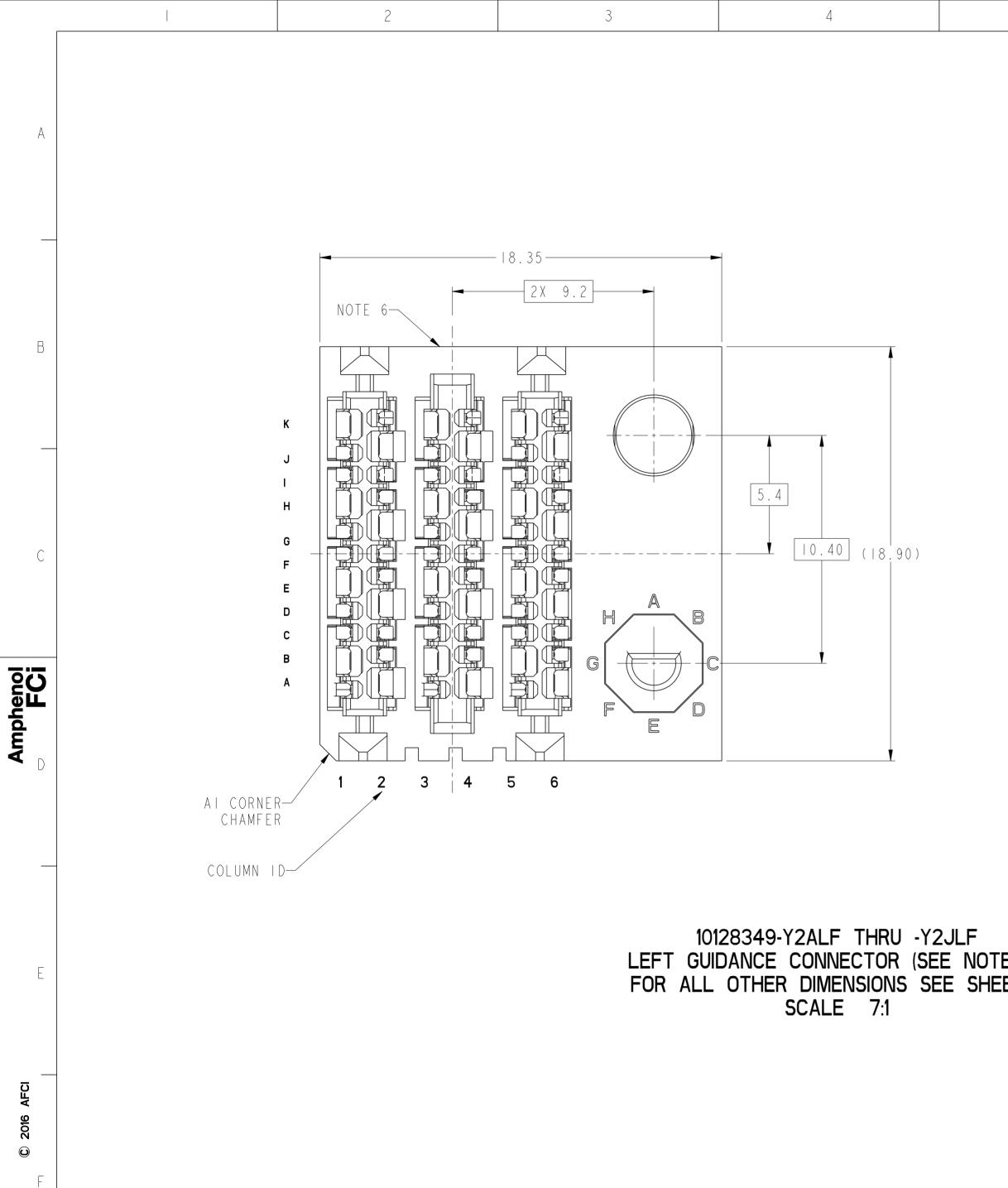
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spec ref	SEE NO	OTES		dr	Daniel Xiao	20	014/02/20	proje	ction	Ν	1M	size	scale	
tolerance sta				eng	Terry Luo	20	017/01/23	$\widehat{\bigcirc}$	$\square$	Įv		A 2	5:1	
ASME YI4.5		RANCES U Wise spe		chr	Heaven Cen	20	017/01/22	$\forall$	$\Box$	-		ecn no	-	
ASME 114.5				appr	Pei-Ming Zheng	20	017/01/23	product	family		ЕхаМАХ	rel level	Released	
		0.X	±.3	A	•	Eva	MAX VERT			D	0 0			rev
surface -	linear	0.XX	±.   0			LXU		ICAL	HLADL	IX	D D	101283	49	
	´	0.XXX	$\pm.050$			ASS ′	Y, 3 PAIR, 6	6 POS,6	IMLA		dw			Α
V	angular	0°	±2°		co	at. no.			Pro	oduct –	Customer	· Drw	sheet 6 of	
5	PDS: Rev :A			ST	ATUS:R	eleased		Pri	inted: Jan	23, 2017				



5	6	7	8	
- (7.30)		(1.05) SEE NOTE 7		A
		-CONNECTOR OUTLINE SEE NOTE 8 -COLUMN ROW ID		В
				С
	3 4 5 6 COLUMN ID	IOX I.2 IOX I.2 IOX I.2 IOP OF DAUGHTERCARD TOP OF DAUGHTERCARD TOP SURFACE OF DAUGHTERCARD		D

spec ref	SEE NC	) T E S		dr	Daniel Xiao	2014/02/20	projection		1M	size	scale	
tolerance std	T 0 1 5 5			eng	Terry Luo	2017/01/23		I IV	V	A 2	2:1	
ASME YI4.5M		RANCES L		chr	Heaven Cen	2017/01/22		-		ecn no	-	
ASML 114.5M		NOL OIL		appr	Pei-Ming Zheng	2017/01/23	product family	•	ЕхаМАХ	rel level	Released	
		0.X	±.3	A	e berel <sup>©</sup> ⊑		TICAL HEADE	D	o u			rev
surface - /	linear	0.XX	±. 0	Am	phenol – E: FCi –	KOMAA VER	IICAL NEADE	<u> </u>	D D	101283	49	
		0.XXX	±.050			S´Y, 3 PAIR, 6	66 POS,6 IMLA		d ¥			<b>A</b>
V	angular	0°	±2°		cat. r	10.	Pr	oduct –	Customer	. Drw	sheet 7 of	
5			PDS	: Re	v :A	ST	ATUS:Released		Pr	inted: Jan	23, 2017	



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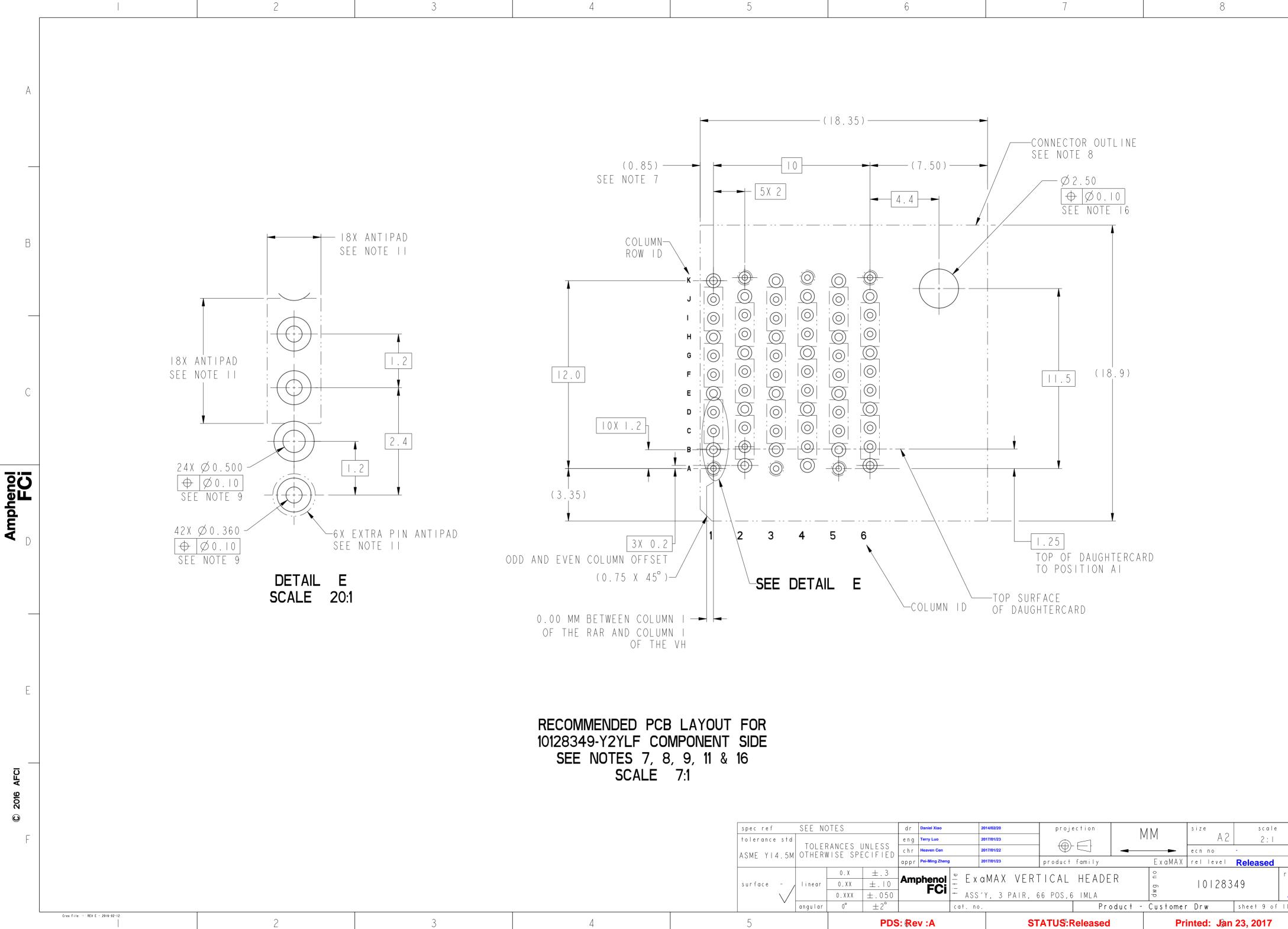
	5		6	7		8	
							A
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			-	(     . ( (     . )			
re 1' Eet	7) 1						E
	spec ref SEE NC	DTES 1	d r Daniel Xiao 2	1014/02/20 project	ion	size scale	
	tolerance std	RANCES UNLESS NISE SPECIFIED	eng Terry Luo 2   chr Heaven Cen 2   appr Pei-Ming Zheng 2	x017/01/23   Image: Constraint of the second seco	IEADER	A 2 3:1	rev A
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spec ref	SEE NO	DTES		dr	Daniel Xiao	:	2014/02/20	proje	ction	N	1 M	size	scale	
tolerance std				eng	Terry Luo	1	2017/01/23		$\square$	١٧	V	A 2	2:1	
ASME YI4.5M		RANCES U NISE SPE		chr	Heaven Cen	4	2017/01/22					ecn no	-	
ASML 114.5M				appr	Pei-Ming Zheng	1	2017/01/23	product	family		ExaMAX	rel level	Released	
		0.X	±.3	A	honal	● E v /	amax vert			D	ou			rev
surface -	linear	0.XX	±.   0	Am	ohenol FCi		JMAA VLNI	ICAL	IILAUL		Ø	101283	349	
		0.XXX	$\pm.050$			+ ASS'	′Y, 3 PAIR, 6	6 POS,6	IMLA		dwg			Α
· ·	angular	0°	±2°			cat. no.			Pro	oduct –	Customer	Drw	sheet 9 of	
5		PDS: Rev :A			ST	STATUS:Released		Pri	inted: Jan	23, 2017				

	3		4		5	)		6			7		8	
	0   2 8	349												A
		MODULE DESCRIPTION			DESIGNA	TION REP	RESENTED	IN DASH	N U M B E R			BASE MODULE		
		STANDARD NO GUIDANCE (SEE SHEET I)					01							
etect	-		1A	1B	1C	1D	1E	1F	1G	1H	(NOKEY)	A		В
	-	RIGHT GUIDANCE MODULE (SEE SHEET 6)	G F E D	G F E D	G F E D	G F E D	$\begin{array}{c} H \\ G \\ F \\ E \end{array} \begin{array}{c} A \\ B \\ C \\ C \\ D \\ C \\ D \end{array}$	G F E D	G F E D	G F E D	G F E D			
	_		2A	2B	2C	2D	2E	2F	2G	2H	<b>2J</b> (NO KEY)	A		
		LEFT GUIDANCE MODULE (SEE SHEET 8)	G F E D	G H A B C E D C	G F E D	G F E D	G H B C E D	G F E D	$\begin{array}{c} H \\ G \\ F \\ E \end{array} \begin{array}{c} B \\ B \\ C \\ C \\ D \\ C \\ C \\ D \end{array}$	G F E D	$\begin{array}{c} H \\ G \\ F \\ E \end{array} \begin{array}{c} B \\ B \\ C \\ B \\ C \\ D \end{array} \end{array}$			С

ASSEMBLY PART NUMBER	DESCRIPTION
10128349-1YYLF	STANDARD MATE
10128349-2YYLF	ADVANCED MATE
10128349-3YYLF	SHORT DETECT
10128349-4YYLF	ADVANCED MATE & SHORT DETECT

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Creo File - REV E - 2016-02-12			
	2	3	4

spec ref	SEE NO	DTES		dr	Daniel Xiao		2014/02/20	proje	ction	N/	М	size	scale	
tolerance std				eng	Terry Luo		2017/01/23		$\square$	V	V	A 2	5:1	
ASME YI4.5M		RANCES UNISE SPE		chr	Heaven Cen		2017/01/22	$\square$				ecn no	-	
ASME 114.5M				appr	Pei-Ming Zheng		2017/01/23	product	family		ЕхаМАХ	rel level	Released	
		0.X	±.3	A	ohenol	● E v	aMAX VERI			D	ou			rev
surface -	linear	0.XX	±.10	Am	FCi						Ø	101283	49	
		0.XXX	$\pm.050$			+ ASS	ΎΥ, 3 PAIR, 6	6 POS,6	IMLA		d d			Α
· ·	angular	0°	±2°			cat. no	).		Pro	oduct –	Customer	Drw	sheet IO o	, f
5 PDS: Rev :A			ST		eleased		Pri	nted: Jan	23, 2017					

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			2	3	4	
	NOTES	:				
A	-		H TEMP THERMOPLASTIC, BLA : HIGH TEMP THERMOPLASTIC PER ALLOY INC ALLOY			
	2 -	REQUIREM INCLUDIN		FICATION GS-12-1096		
		PRESS-FI	T TAILS: TIN OVER NICKEL	(LEAD FREE)		
В	3 -	PRODUCT SPEC	IFICATION: GS-12-1096			
	4	APPLICATION	SPECIFICATION GS-20-0361.			
	5 -	PACKAGING ME SPECIFICATIO	ETS GS-14-920 LEAD FREE L N.	ABELING		
	6)-	PRODUCT MARK	ING, (PROTOTYPE, PART NUM	BER & LOT CODE), ON THIS S	SURFACE.	
	7-	OR 3.0 mm AS		ED CONNECTORS WILL BE 2.0 MATING RECEPTACLE CUSTOME CIFICATION FOR DETAILS.		
С	8 -		TLINE MAY BE SCREEN PRINT GUIDE FOR MANUAL CONNECT			
	9-		TOMER DRAWING 10119933 FO DIAMETERS AND PLATING OPT			
Ōē	0 -		MEETS THE EUROPEAN UNION Y REGULATIONS AS DESCRIBE			
Amphenol	-	EXAMPLES THA	LICATION SPECIFICATION FO T INCLUDE DIMENSIONS FOR SPACING, ETC.			
D	12 -		WILL WITHSTAND EXPOSURE T CONVECTION, INFRA-RED OR	O 260°C PEAK TEMPERATURE VAPOR PHASE REFLOW OVEN.	FOR 10-30	
_	(13) -	WITH AN ADVA MATING CONTA	MATE HEADER, IOI28349-2Y NCED MATE RECEPTACLE WILL CTS THAT MATE 0.75MM BEFO THE SIGNAL AND GROUND CO	PROVIDE 2 PAIRS OF RE THE		
_	(14) -	WITH A STAND MATING CONTA	TECT HEADER, IOI28349-3YY ARD MATE RECEPTACTLE WILL CTS THAT MATE I.OO MM AFT THE SIGNAL AND GROUND CO	PROVIDE I PAIR OF ER THE		
E	(15)-	WITH AN ADVA THAT MATE O. AND I PAIR O	NCED MATE RECEPTACLE WILL 75MM BEFORE THE REMAINDER	R, IOI28349-4YYLF, WHEN M PROVIDE 2 PAIRS OF MATING OF THE SIGNAL AND GROUND TE I.OO MM AFTER THE REMA	G CONTACTS CONTACTS,	
© 2016 AFCI	(16)-	SCREW MUST B	E USED TO SECURE GUIDE PI	IGHT GUIDE MODULE, ONE PH N/CONNECTOR TO THE PCB. TH BOARD. SCREW IS NOT PROV		WN
© F	(17)-	FEATURES WHE DESIGNATION	N LOOKING AT THE MATING F OF THE MATING HEADER IS D	EFINED BY THE RIGHT ANGEL	CEPTACLE. THE LEFT / RIGHT	
	(18) -	ALL GROUND C	ONTACTS ARE COMMONED WITH	IN A COLUMN.		
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spec ref		SEE NC	) T E S		dr	Daniel Xiao		2014/02/20	proje	ction	N/	1 N /	size	scale	
toleranc	e s†d			eng	g Terry Luo		2017/01/23			MM		A 2	2:1		
ASME YI	1 5M		TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen		2017/01/22			◄ ►		ecn no -		
					appr	Pei-Ming Zheng		2017/01/23	product	family		ЕхаМАХ	rel level	Released	
			0.X	±.3	A	shanal	♥ E v				D	o L			rev
surface - lin	linear O	0.XX	±. 0	Am	FCi	— L X	ExaMAX VERTICAL ASS'Y, 3 PAIR, 66 POS,6		HLADLN	d w g	101283	.49			
		0.XXX	$\pm.050$		FUI	+ ASS			IMLA	IMLA				Α	
	v	angular	0°	±2°			cat. no	).		Pro	oduct –	Customer	- Drw	sheet II o	f II
5		PDS: Rev :A				ST	STATUS Released			Printed: Jan 23, 2017					