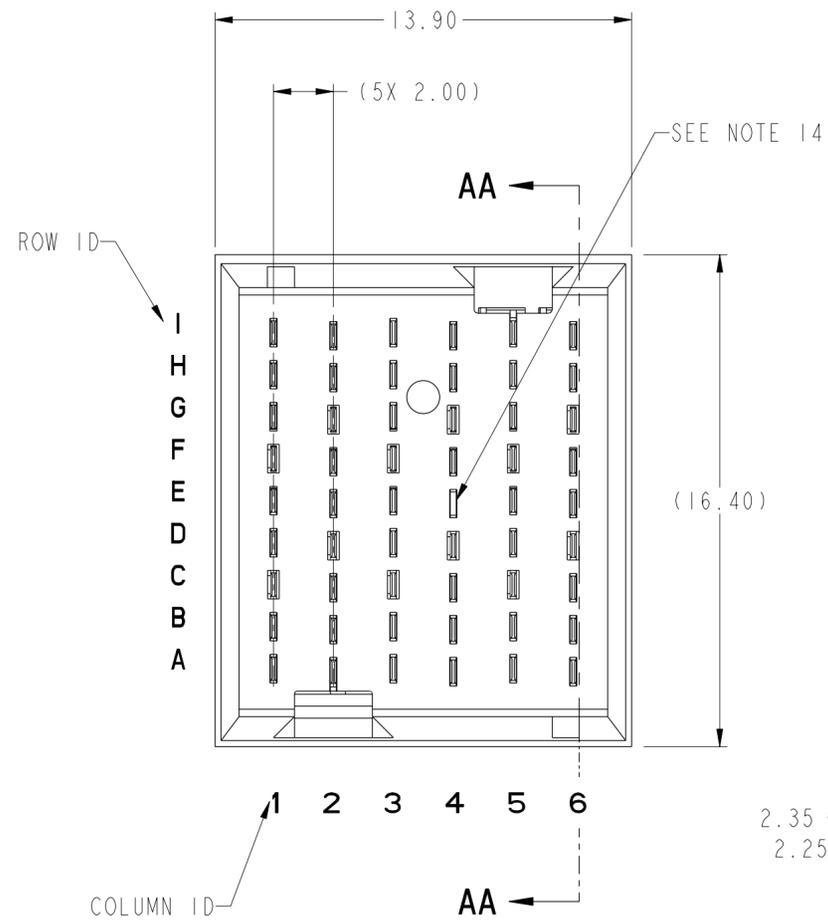


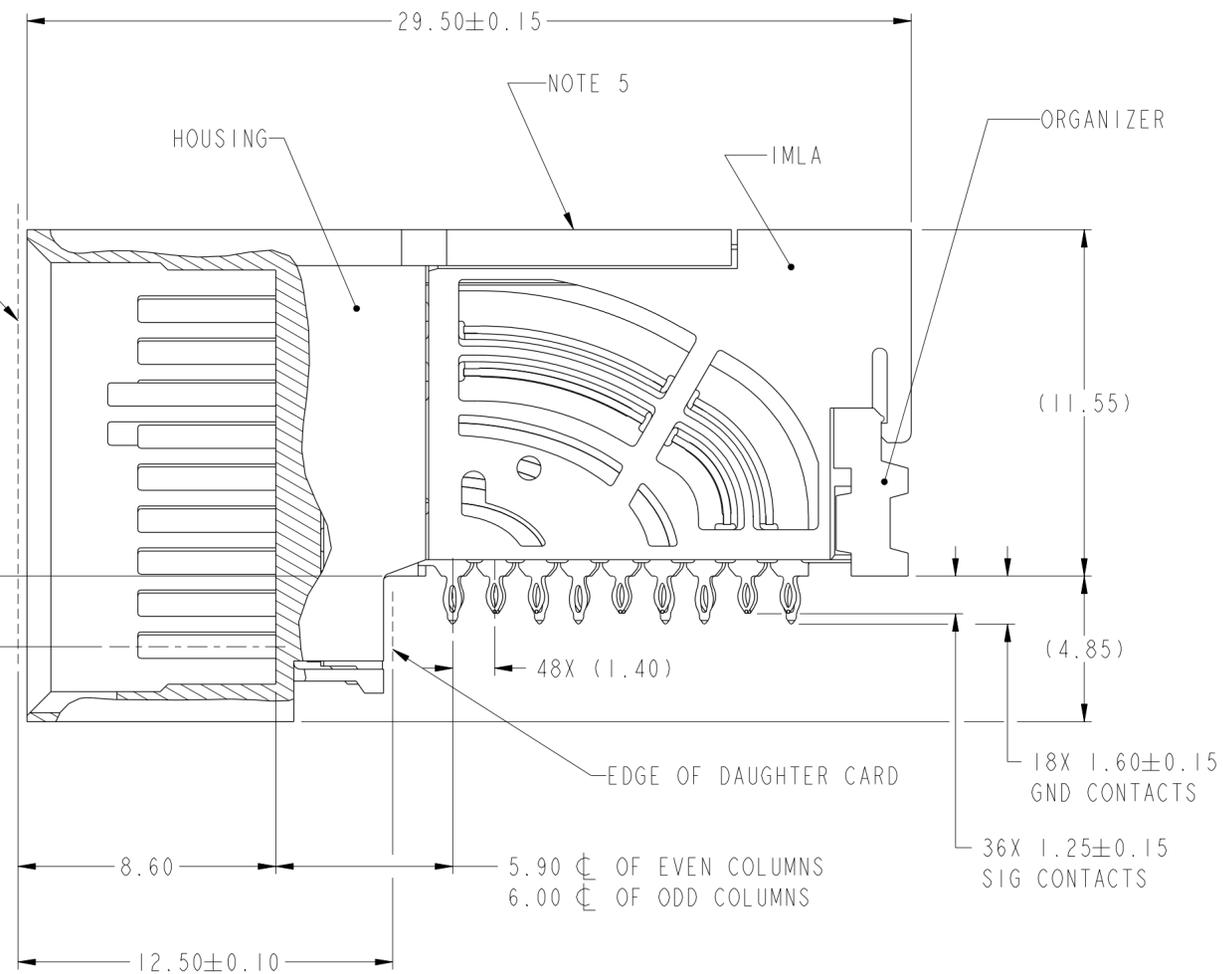
PRODUCT NUMBER
SEE SHEET 3



TOP SURFACE OF MOTHER BOARD

TOP SURFACE OF DAUGHTER CARD

2.35 ϕ OF EVEN COLUMNS
2.25 ϕ OF ODD COLUMNS



SECTION AA-AA

Amphenol
FCi

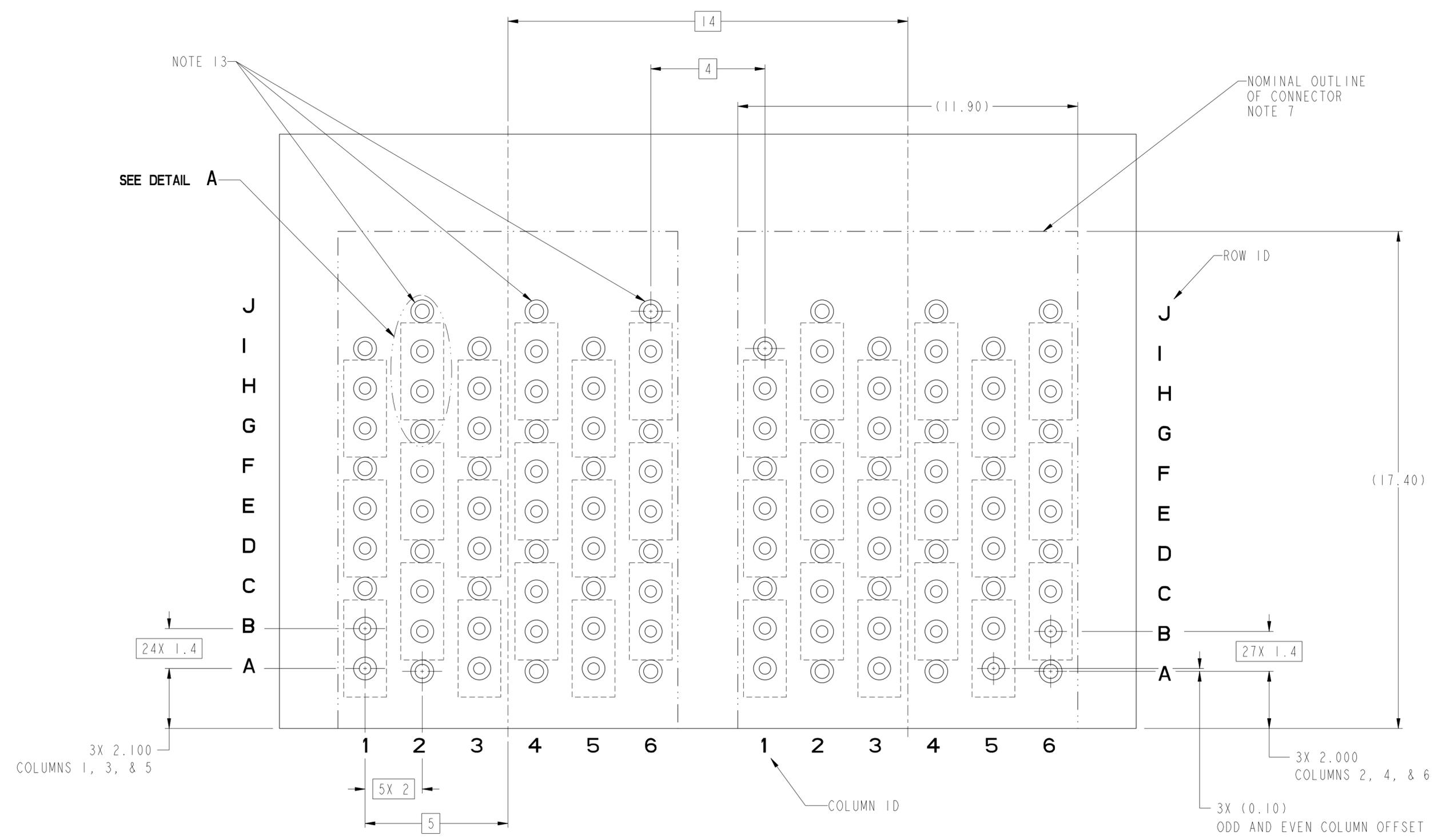
© 2016 AFci

spec ref	---	dr	Tao Zhan	2015/09/21	projection	MM	size	A2	scale	6:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/06/03			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	apppr						
surface	-	linear	0.X	±.3						
			0.XX	±.10						
			0.XXX	±.050						
		angular	0°	±2°						
				Amphenol FCI		title AirMax VS2 R.A. HEADER		dwg no 10136589		rev A
				cat. no. -		Product - Customer Drw		sheet 1 of 3		

PDS: Rev :A

STATUS:Released

Printed: Jun 03, 2016



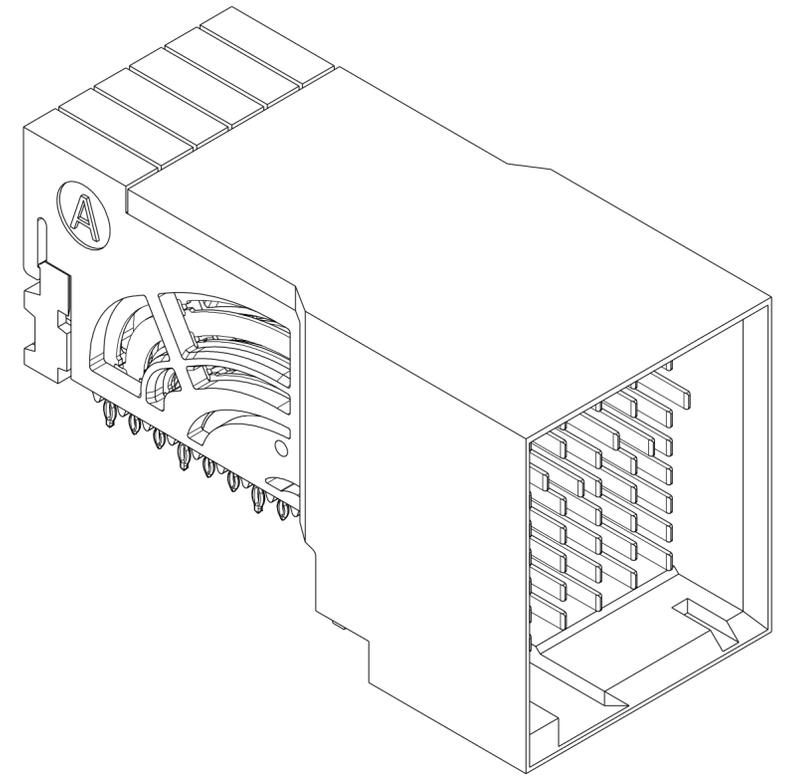
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12

SCALE 10:1

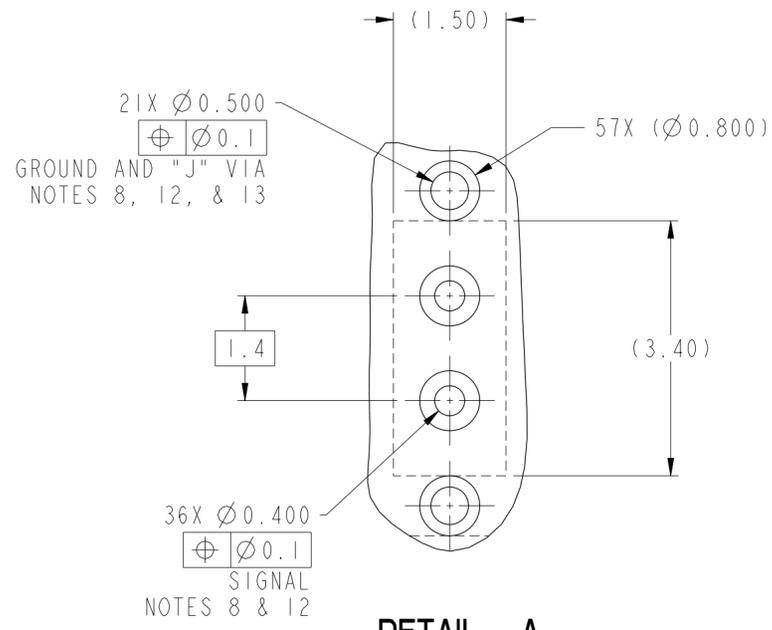
spec ref	---	dr	Tao Zhan	2015/09/21	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/06/03			ecn no	-			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Pei-Ming Zheng	2016/06/03	product family	AirMax VS2	rel level
surface	-	linear	0.X	±.3			Amphenol FCI		AirMax VS2 R.A. HEADER		
			0.XX	±.10			3 Pair, 54 pos, 2mm, 6Col, Small Press Fit		cat. no.	Product - Customer Drw	sheet 2 of 3
		angular	0°	±2°			title	10136589	rev	A	

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT	REMARK
10136589-101LF	TIN OVER NICKEL (LEAD FREE)	NO	1-SIDE PLATING (CUSTOMER SPECIAL)
10136589-111LF	TIN OVER NICKEL (LEAD FREE)	YES (SEE NOTE 14)	
10136589-102LF	TIN OVER NICKEL (LEAD FREE)	NO	2-SIDE PLATING
10136589-112LF	TIN OVER NICKEL (LEAD FREE)	YES (SEE NOTE 14)	

- 1 - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
- PRESS-FIT TAILS: SEE TABLE
- 3 - PRODUCT SPECIFICATION: GS-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305
- 5 - PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- 6 - POSITIONS "F" OF ODD NUMBERED COLUMNS AND POSITIONS "G" OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS.
- 7 - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR CONNECTOR PLACEMENT.
- 8 - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 10 - A \triangle SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- 11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- 12 - GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE ($\varnothing 0.500$) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ($\varnothing 0.400$) FINISHED HOLES
- 13 - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECOMMEND ($\varnothing 0.500$) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 14 - MATING PIN E4 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST PIN.



10136589-101LF



DETAIL A
SCALE 15:1

spec ref	---	dr	Tao Zhan	2015/09/21	projection	MM	size	A2	scale	5:1	
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/06/03	chr	-	ecn no	-	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Pei-Ming Zheng	2016/06/03	product family	AirMax VS2	rel level	Released			
surface	linear	0.X	$\pm .3$	Amphenol FCI	title		AirMax VS2 R.A. HEADER	cat. no.	Product - Customer Drw	sheet 3 of 3	
		0.XX	$\pm .10$		3 Pair, 54 pos, 2mm, 6Col, Small Press Fit		div no				10136589
		0.XXX	$\pm .050$		rev		A				
	angular	0°	$\pm 2^\circ$	cat. no.		-	Product - Customer Drw		sheet 3 of 3		

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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

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9