Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

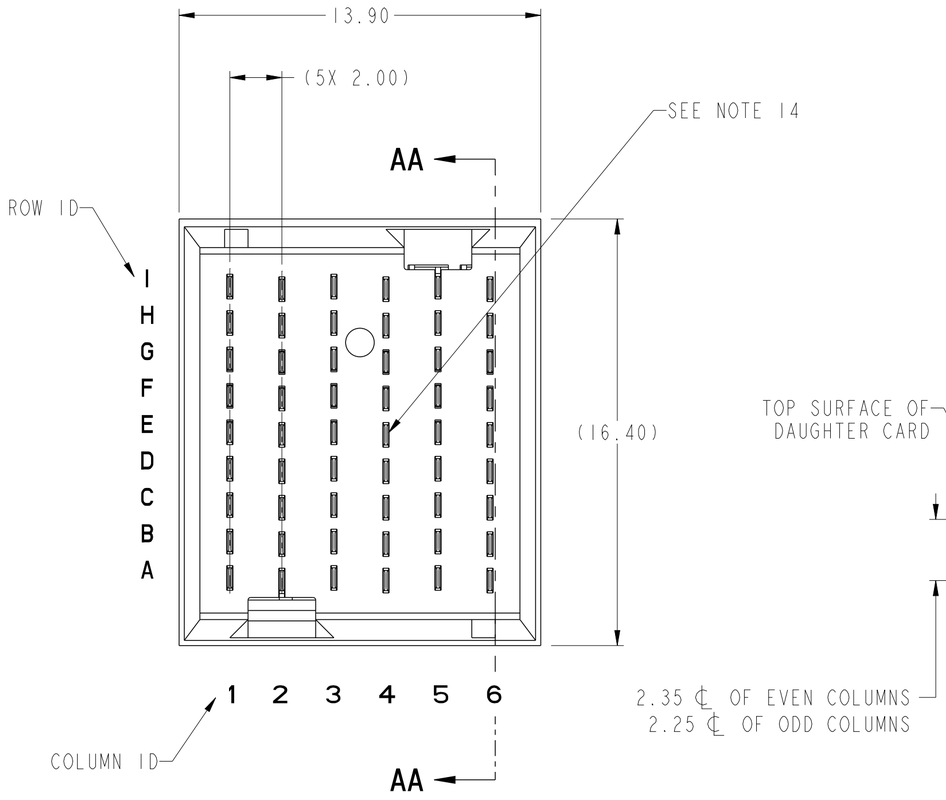
With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

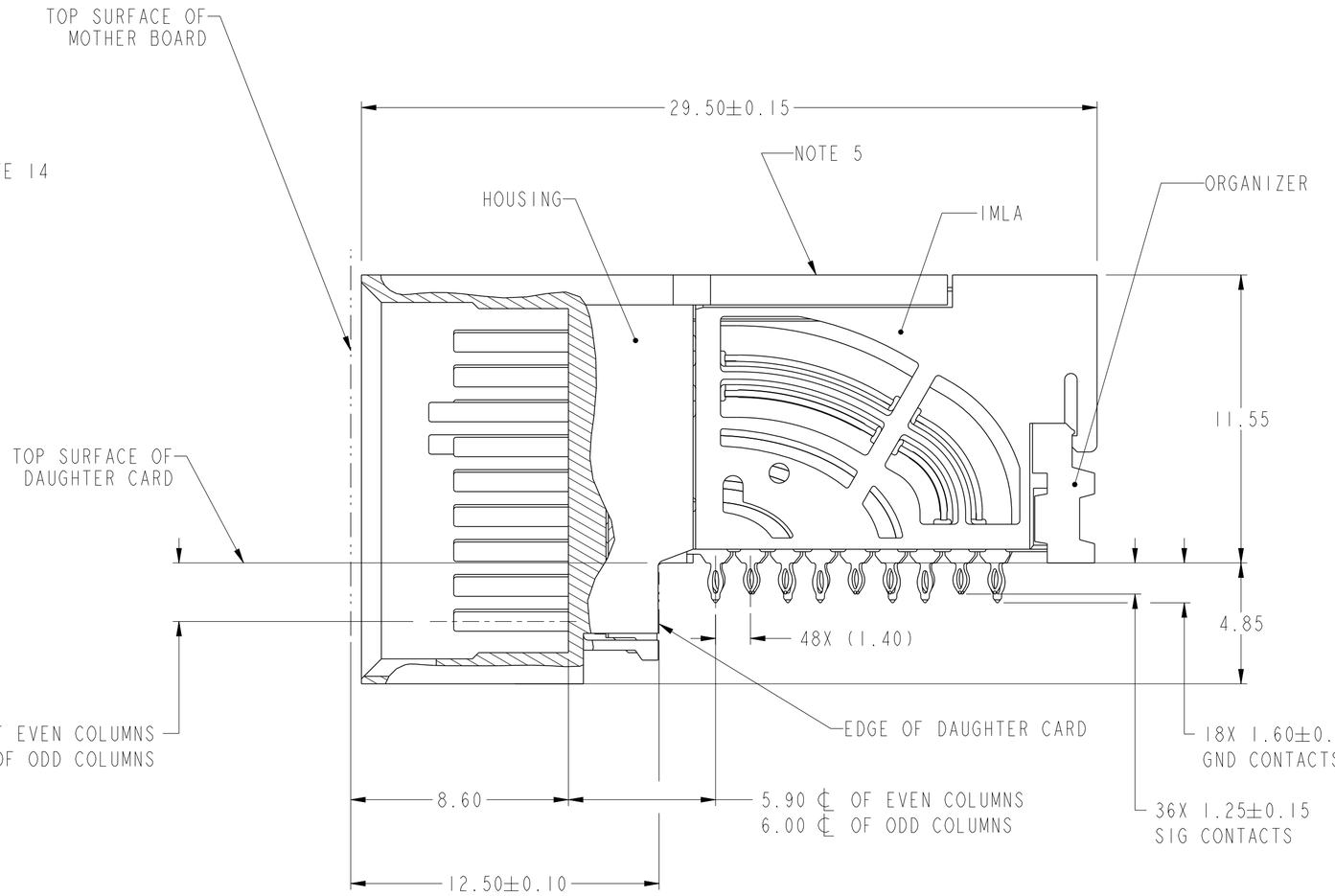
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

PRODUCT NUMBER
SEE SHEET 3





SECTION AA-AA

spec ref	---		dr	Mark Gray	2012/01/28	projection	MM	size A2	scale 10:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Art Lin	2016/11/16				
			chr	Heaven Cen	2016/11/17			ecn no	ELX-DG-25255-1
			appr	Pei-Ming Zheng	2016/11/18	product family -		rel level	Released
surface ~	linear	0.X ±.3	Amphenol FCi	title	AirMax VSE R.A. HEADER Ass´y, 3 Pair, 54 pos, 6 IMLA			dwg no 10119886	rev F
		0.XX ±.15							
		0.XXX ±.050							
	angular	0° ±2°		cat. no. -		Product - Customer Drw		sheet 1 of 3	

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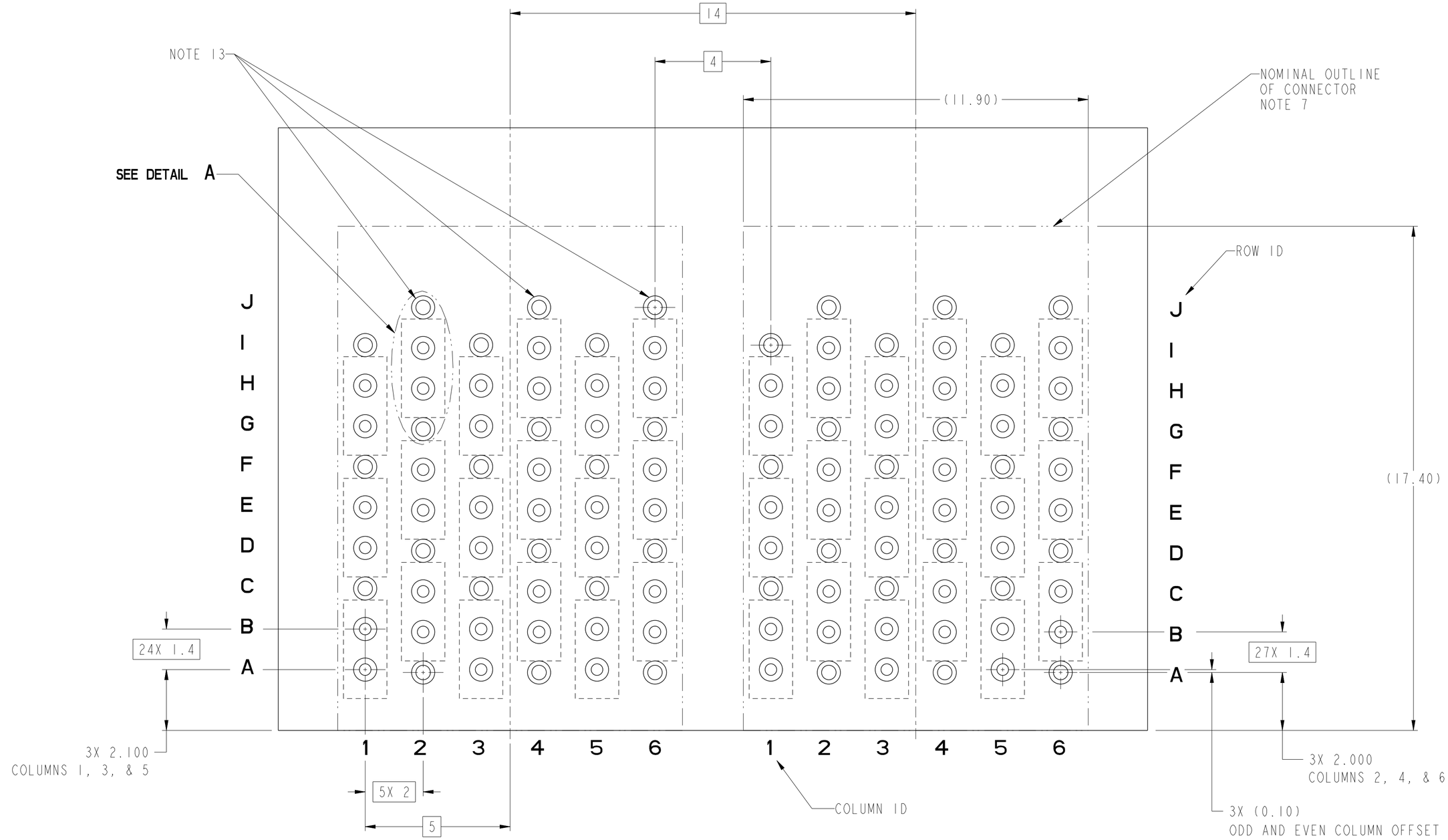


RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 12

SCALE 10:1

spec ref	---			dr	Mark Gray	2012/01/28	projection	MM	size A2 / scale 10:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Art Lin	2016/11/16			
				chr	Heaven Cen	2016/11/17			ecn no ELX-DG-25255-1
				appr	Pei-Ming Zheng	2016/11/18	product family -		rel level Released
surface -	linear	0.X	±.3	Amphenol FCi	title: AirMax VSE R.A. HEADER Ass'y, 3 Pair, 54 pos, 6 IMLA		dwg no 10119886		rev F
		0.XX	±.15						
		0.XXX	±.050						
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 2 of 3

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECTION CONTACT
10119886-101LF	TIN OVER NICKEL (LEAD FREE)	NO
10119886-111LF	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

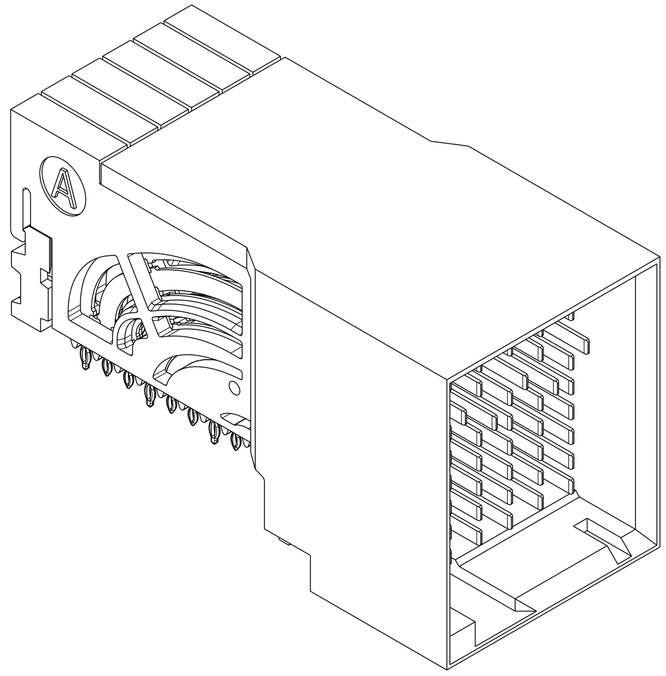
10 - A △- SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.T

11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

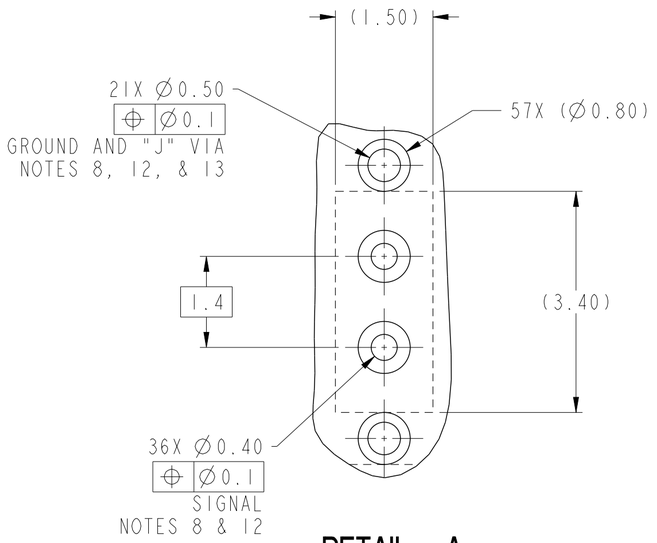
(12)- GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE (∅0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (∅0.40) FINISHED HOLES

(13)- HESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMMEND (∅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



10119886-101LF



DETAIL A
SCALE 15:1

spec ref	---			dr	Mark Gray	2012/01/28	projection	MM	size A2 / scale 10:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Art Lin	2016/11/16			ecn no ELX-DG-25255-1
				chr	Heaven Cen	2016/11/17			
				appr	Pei-Ming Zheng	2016/11/18	product family -		rel level Released
surface -	linear	0.X	±.3	Amphenol FCi	title: AirMax VSE R.A. HEADER Ass'y, 3 Pair, 54 pos, 6 IMLA		dwg no 10119886		rev F
		0.XX	±.15						
		0.XXX	±.050						
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 3 of 3

Creo File - REV E - 2016-02-12

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