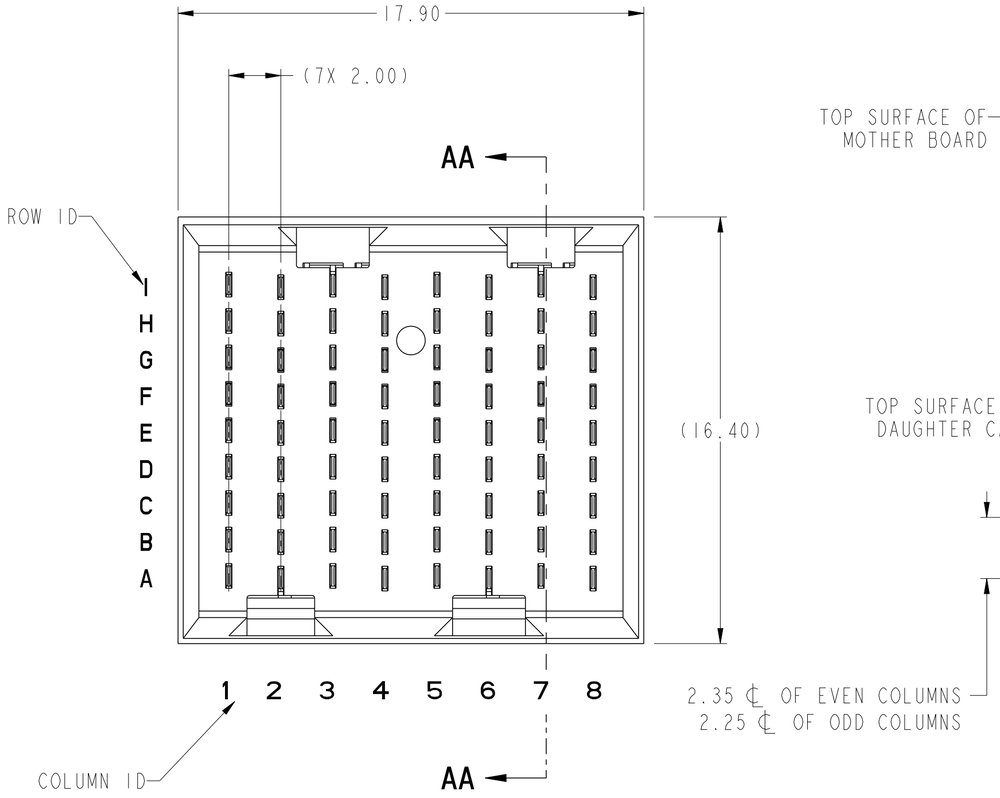
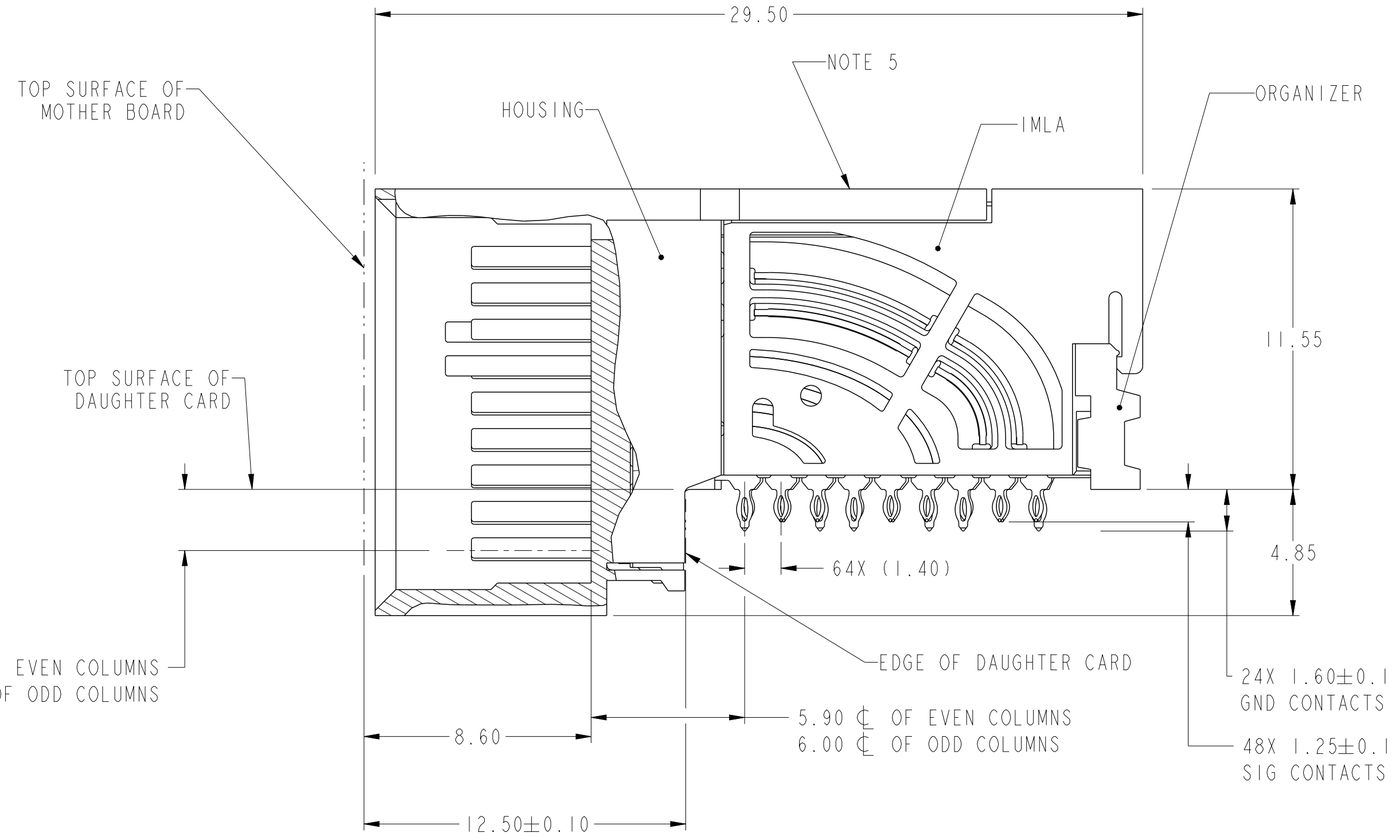
PRODUCT NUMBER

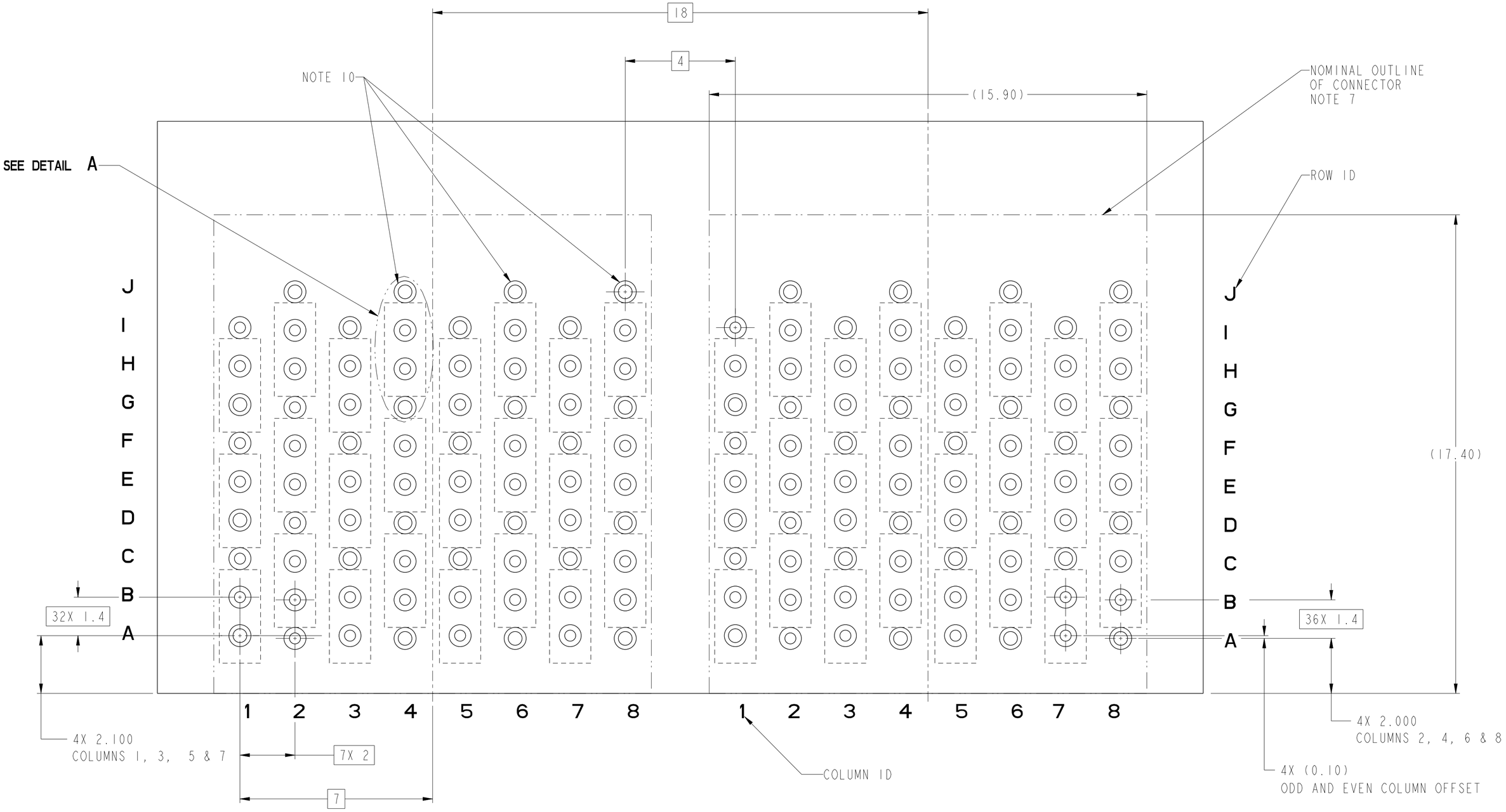
SEE SHEET 3





SECTION AA-AA

spec ref	---		dr	Lin-Soe Ngwe	2012/10/04	projection	MM	size A2	scale 6:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Art Lin	2016/11/15				
			chr	Heaven Cen	2016/11/17			ecn no	ELX-DG-25255-1
			appr	Pei-Ming Zheng	2016/11/18	product family	AirMax VSE	rel level	Released
surface	linear	0.X ±.3	Amphenol FCi	title	AirMax VSE R.A. HEADER Ass´y, 3 Pair, 72 pos, 8 IMLA			dwg no	10122919 rev C
		0.XX ±.15							
		0.XXX ±.050							
	angular	0° ±2°	www.fci.com	cat. no.	-	Product - Customer Drw		sheet 1 of 3	



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

SCALE 10:1

spec ref	---			dr	Lin-Soe Ngwe	2012/10/04	projection	MM	size A2 / scale 8:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Art Lin	2016/11/15			ecn no ELX-DG-25255-1
				chr	Heaven Cen	2016/11/17			
				appr	Pei-Ming Zheng	2016/11/18	product family	AirMax VSE	rel level Released
surface	linear	0.X	±.3	Amphenol FCi	title	AirMax VSE R.A. HEADER Ass'y, 3 Pair, 72 pos, 8 IMLA	dwg no	10122919	rev C
		0.XX	±.15						
		0.XXX	±.050						
	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 2 of 3

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10122919-101	TIN/LEAD ALLOY OVER NICKEL
10122919-101LF	TIN OVER NICKEL (LEAD FREE)

(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-XXX 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.

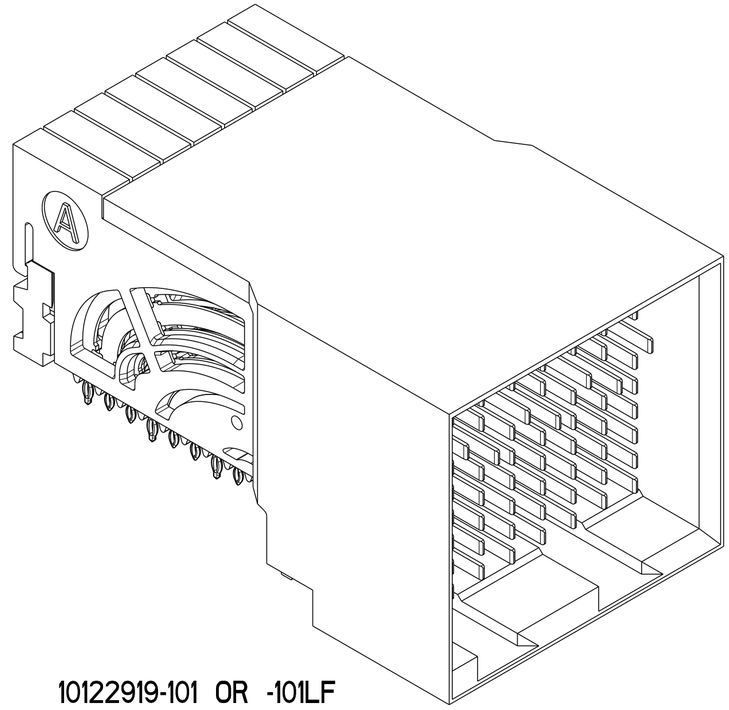
(8)- REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS

9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

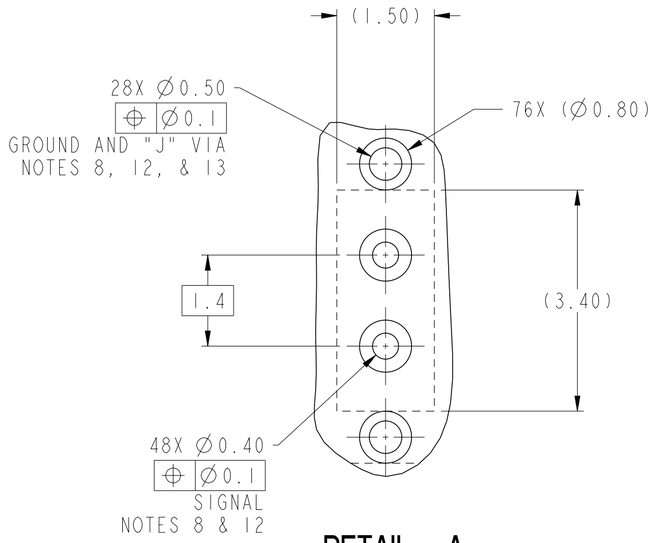
(10)- THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMMEND (∅0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

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



10122919-101 OR -101LF



DETAIL A
SCALE 15:1

spec ref	---			dr	Lin-Soe Ngwe	2012/10/04	projection	MM	size A2 / scale 5:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Art Lin	2016/11/15			
				chr	Heaven Cen	2016/11/17			ecn no ELX-DG-25255-1
				appr	Pei-Ming Zheng	2016/11/18	product family AirMax VSE		rel level Released
surface -	linear	0.X	±.3	Amphenol FCi	title: AirMax VSE R.A. HEADER Ass'y, 3 Pair, 72 pos, 8 IMLA		dwg no 10122919		rev C
		0.XX	±.15						
		0.XXX	±.050						
	angular	0°	±2°	www.fci.com	cat. no. -		Product - Customer Drw		sheet 3 of 3