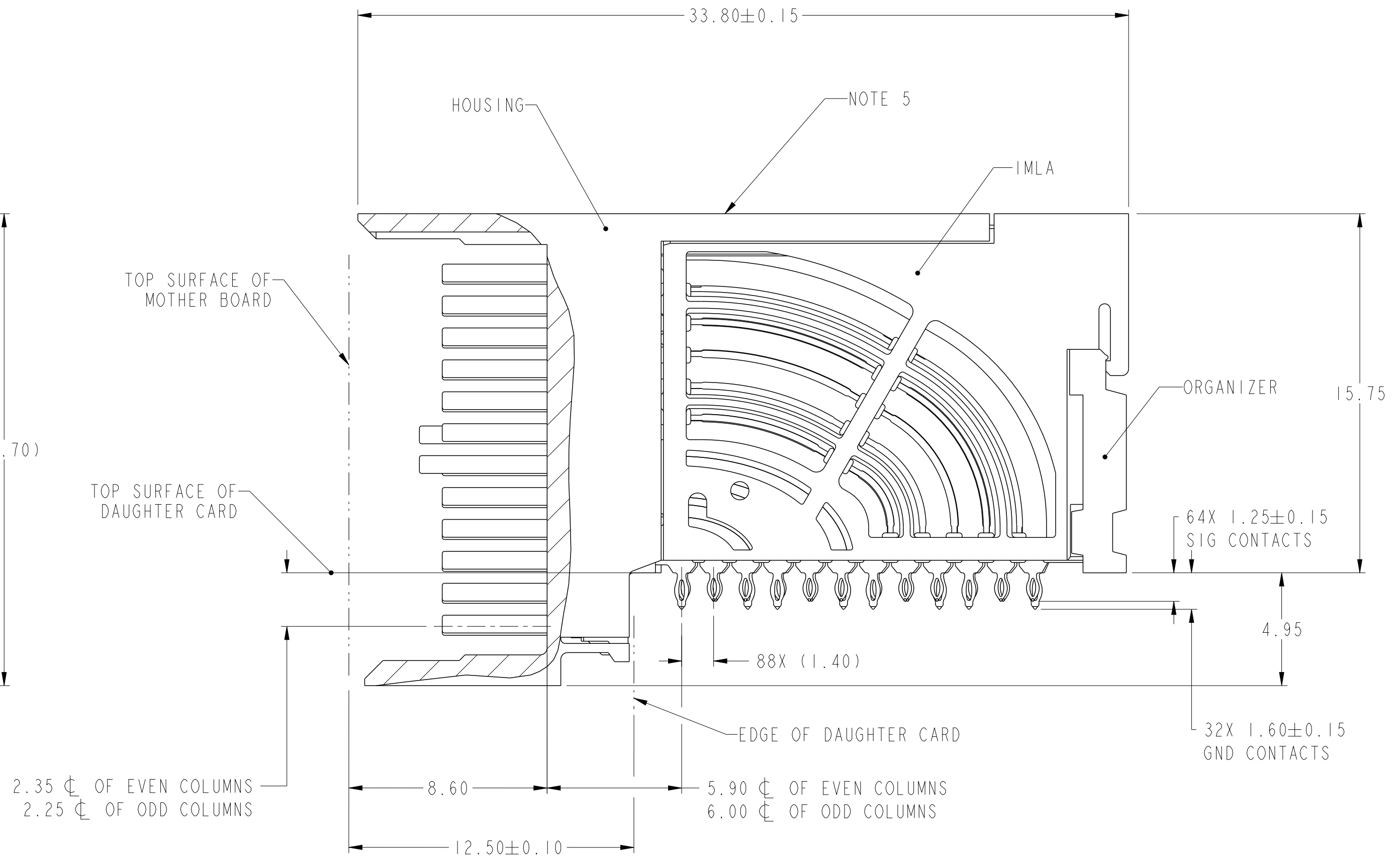
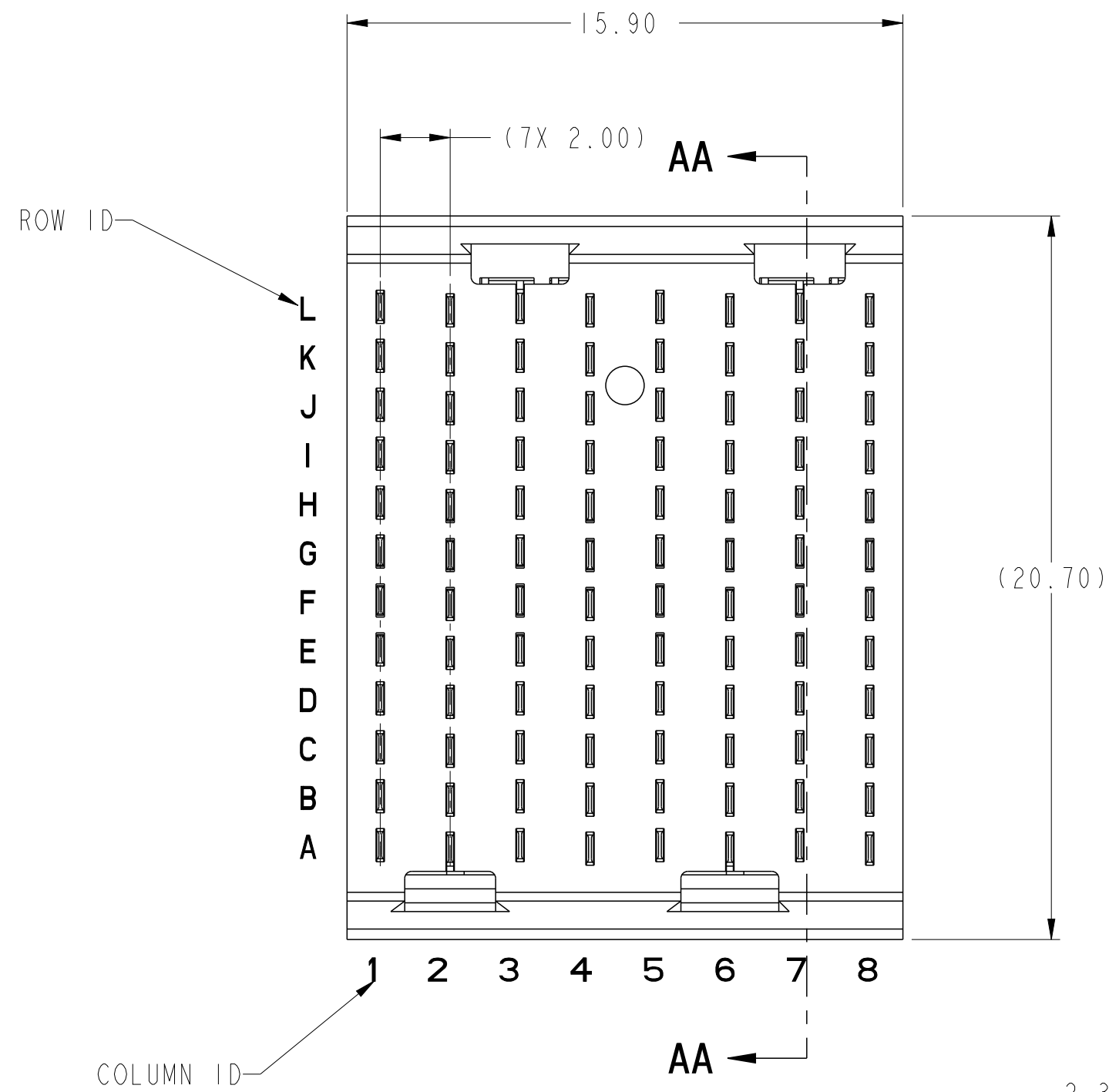


PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10127542-101	TIN/LEAD ALLOY OVER NICKEL
10127542-101LF	TIN OVER NICKEL (LEAD FREE)



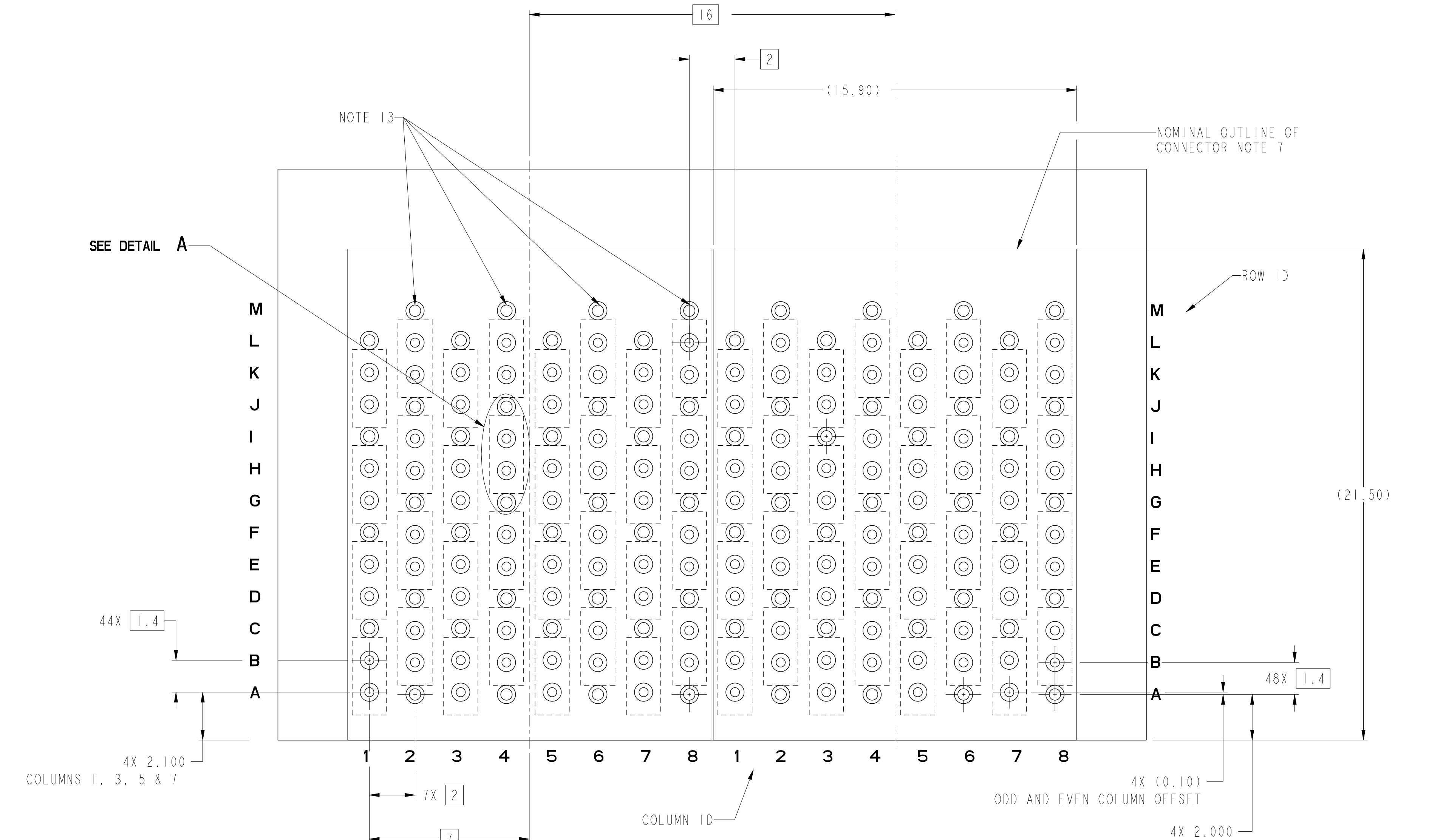
SECTION AA-AA

spec ref	---	dr	Tao Zhan	2013/10/07	projection	MM	size	A2	scale	6:1	
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-25255-1	product family AirMax VSe	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			pkg no	10127542		rev	C
surface	linear	0.X	±.3	0.XX			±.15	0.XXX		±.050	cat. no.
	angular	0°	±2°	<b>Amphenol FCI</b>		title AirMax VSe R.A. HEADER Ass'y, 4 Pair, 96 pos, 8 IMLA, 2 Wall special					

PDS: Rev :C

STATUS:Released

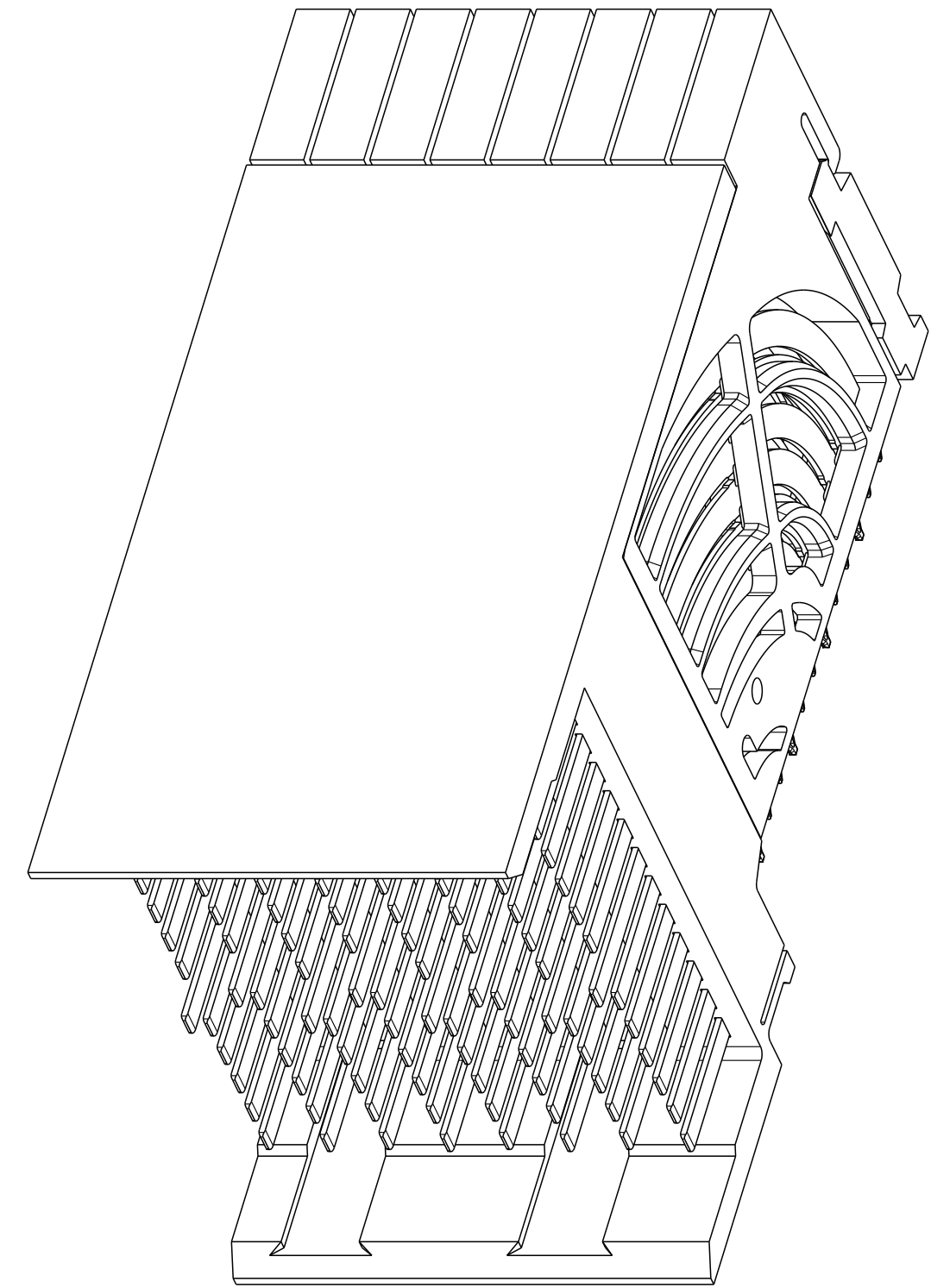
Printed: Nov 18, 2016



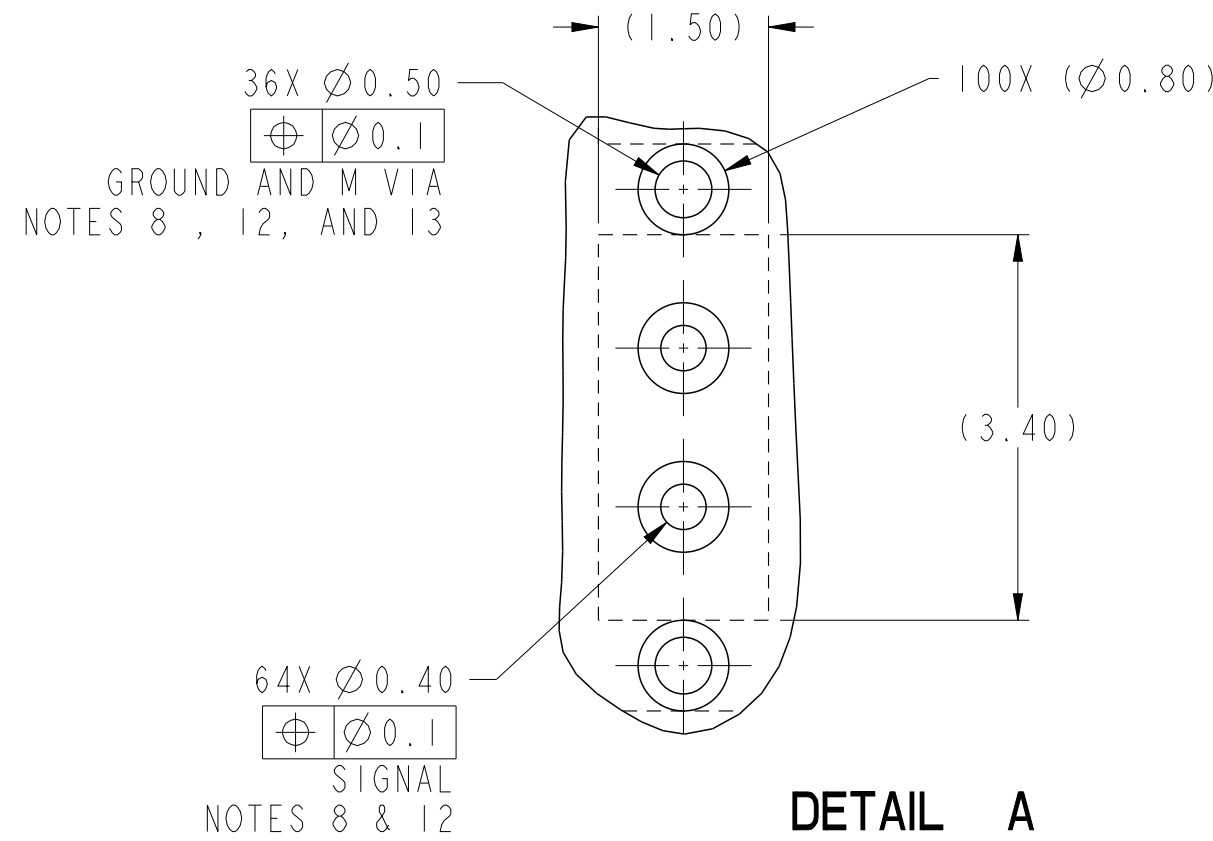
RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
NOTES 8 & 12  
SCALE 8:1

spec ref	---	dr	Tao Zhan	2013/10/07	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-2525-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released		
surface	linear	appr	Pei-Ming Zheng	2016/11/18	product family	-		rel level	Released	
	angular	Amphenol FCi		title	AirMax VSe R.A. HEADER			pkg no	10127542	
					Ass'y, 4 Pair, 96 pos, 8 IMLA, 2 Wall			special	C	
				cat. no.	-			Product - Customer Drw	sheet 2 of 3	

- ① - CONNECTOR MATERIALS:  
HOUSING: LCP, 20% MINIMUM GLASS, 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 THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.
- 11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- ⑫ - GROUND CONTACTS (C, F, I & L IN ODD COLUMNS AND A, D, G & J IN EVEN COLUMNS) REQUIRE ( $\varnothing 0.50$ ) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ( $\varnothing 0.40$ ) FINISHED HOLES
- ⑬ - THESE OUTER VIAS (M) 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.



10127542-101 OR -101LF



DETAIL A  
SCALE 15:1

spec ref	---	dr	Tao Zhan	2013/10/07	projection	MM	size	A2	scale	5:1	
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/16			ecn no	ELX-DG-25255-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released			
surface	linear	appr	Pei-Ming Zheng	2016/11/18			product family	AirMax VSe		pkg no	10127542
	angular							special			
		Amphenol FCI		title		AirMax VSe R.A. HEADER		Product - Customer Drw		sheet 3 of 3	