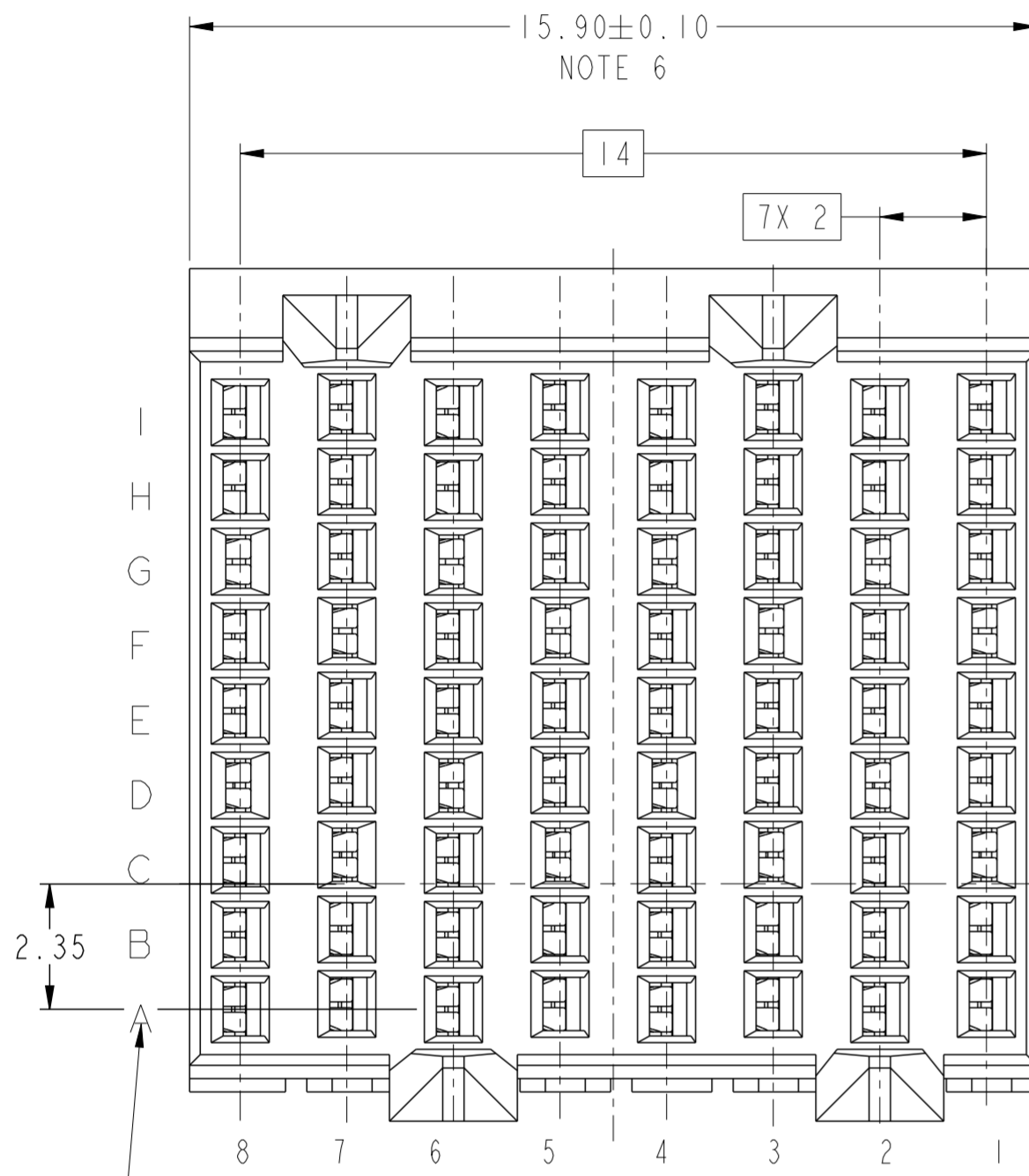


PRODUCT NUMBER
SEE SHEET 3



TOP SURFACE OF DAUGHTER CARD

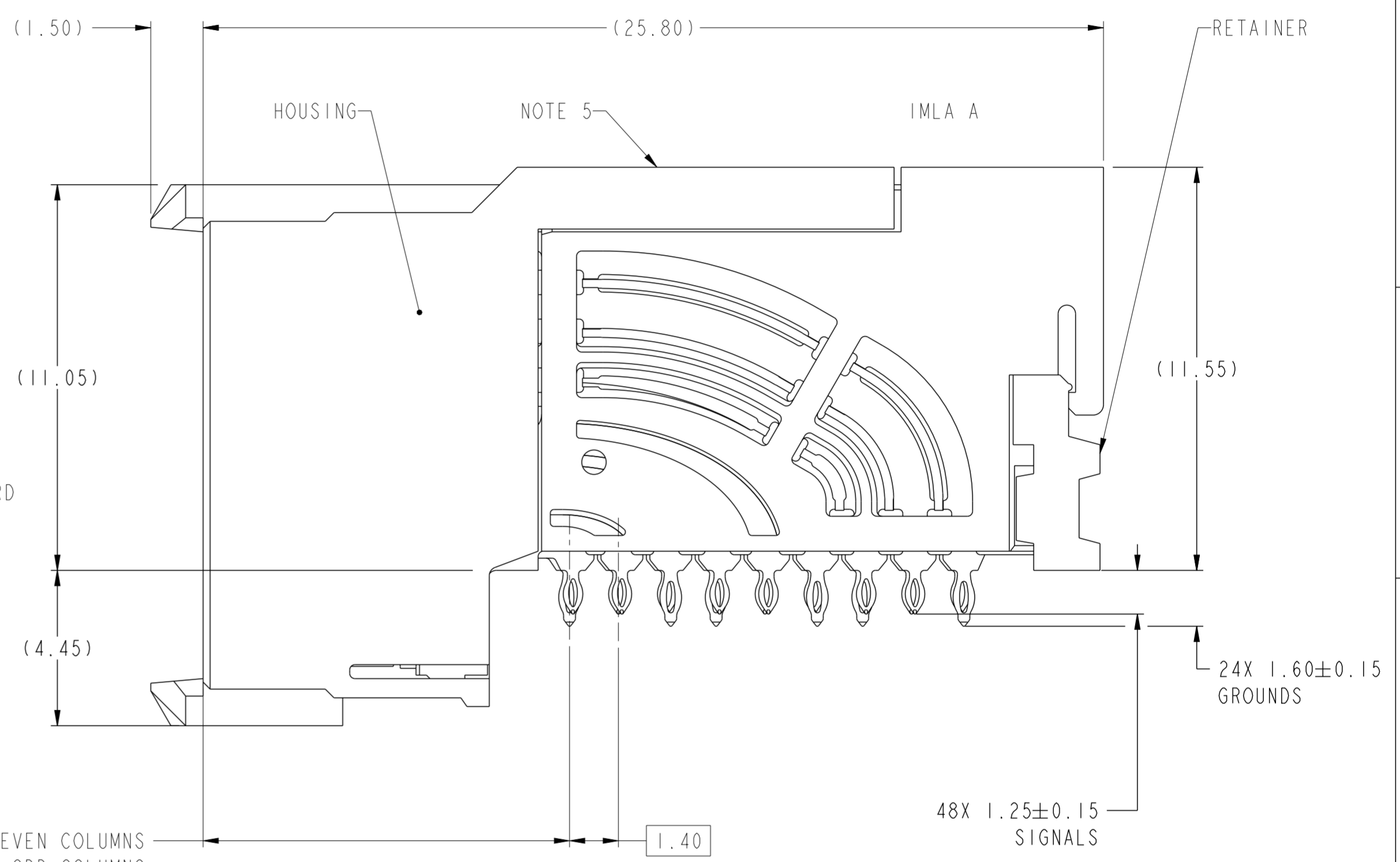
2.25

10.50 ϕ OF EVEN COLUMNS
10.60 ϕ OF ODD COLUMNS

ODD COLUMN, CONTACT ROW ID

EVEN COLUMN, CONTACT ROW ID
ODD AND EVEN COLUMNS ARE OFFSET

COLUMN ID



spec ref	---	dr	Tao Zhan	2016/01/28	projection	MM	size	A2	scale	1:1	
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/04/06			ecn no	-	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app							Pei-Ming Zheng
surface	-	linear	0.X	±.3		AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM, Small PF	dwg no 10136586	rev A	cat. no. -	Product - Customer Drw	sheet 1 of 3
			0.XX	±.15							
			0.XXX	±.050							
		angular	0°	±°							

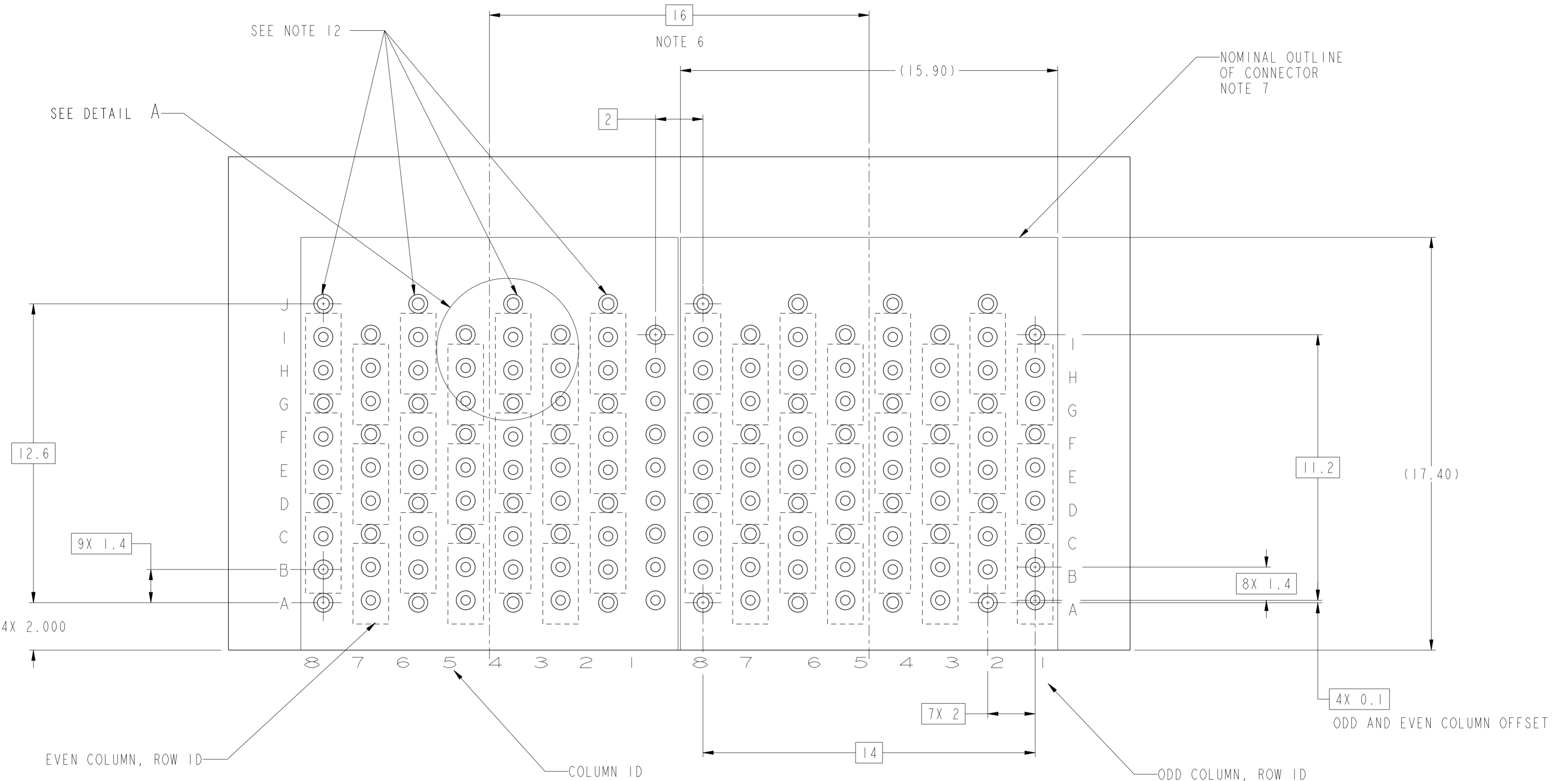
PDS: Rev :A

STATUS:Released

Printed: Apr 06, 2016

Amphenol FCI

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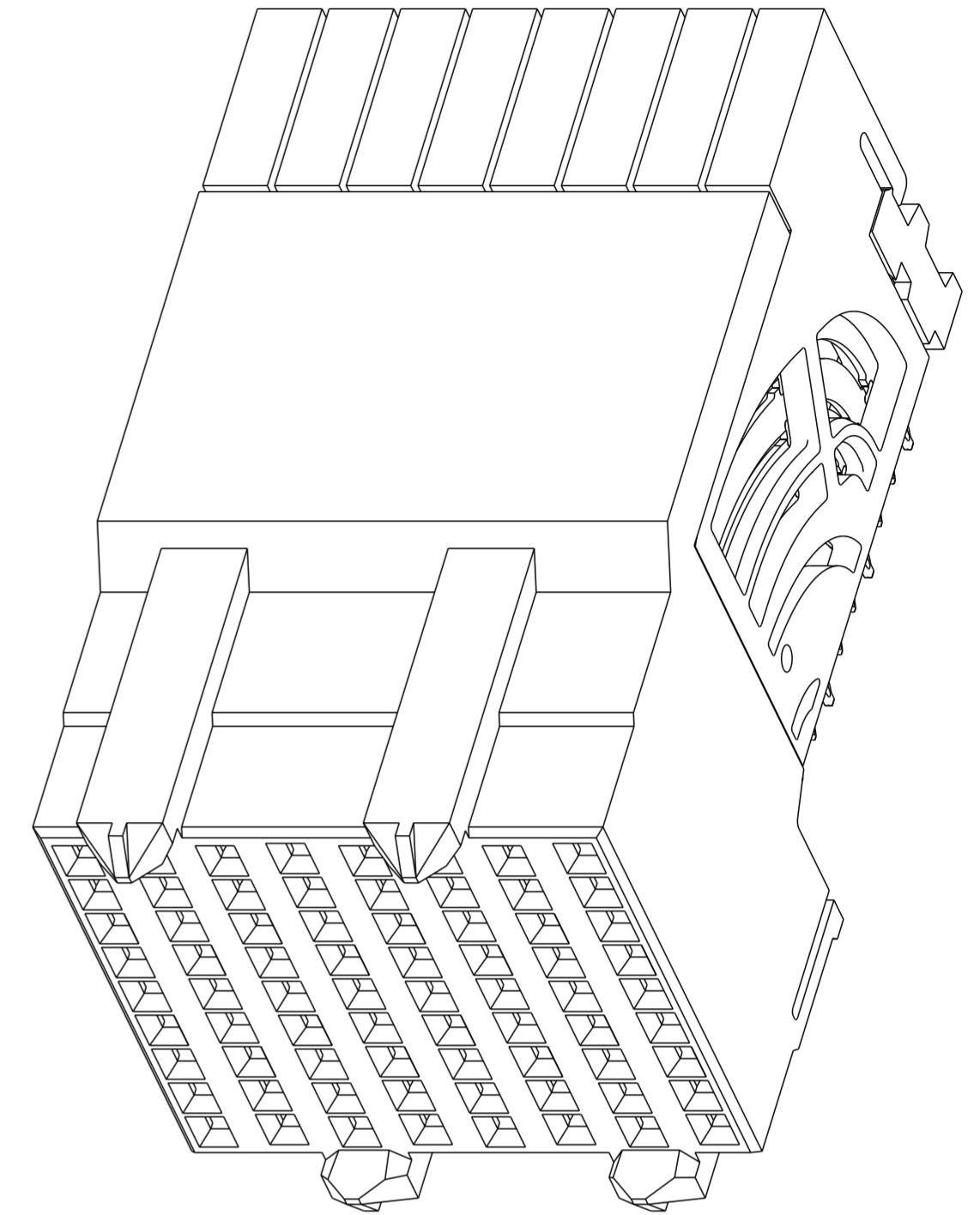
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

spec ref	---	dr	Tao Zhan	2016/01/28	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/04/06			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr						
surface	-	linear	0.X	±.3		AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM, Small PF	dwg no	10136586	rev	A
			0.XX	±.15						
			0.XXX	±.050						
		angular	0°	±°	cat. no.	-	Product - Customer Drw	sheet 2 of 3		

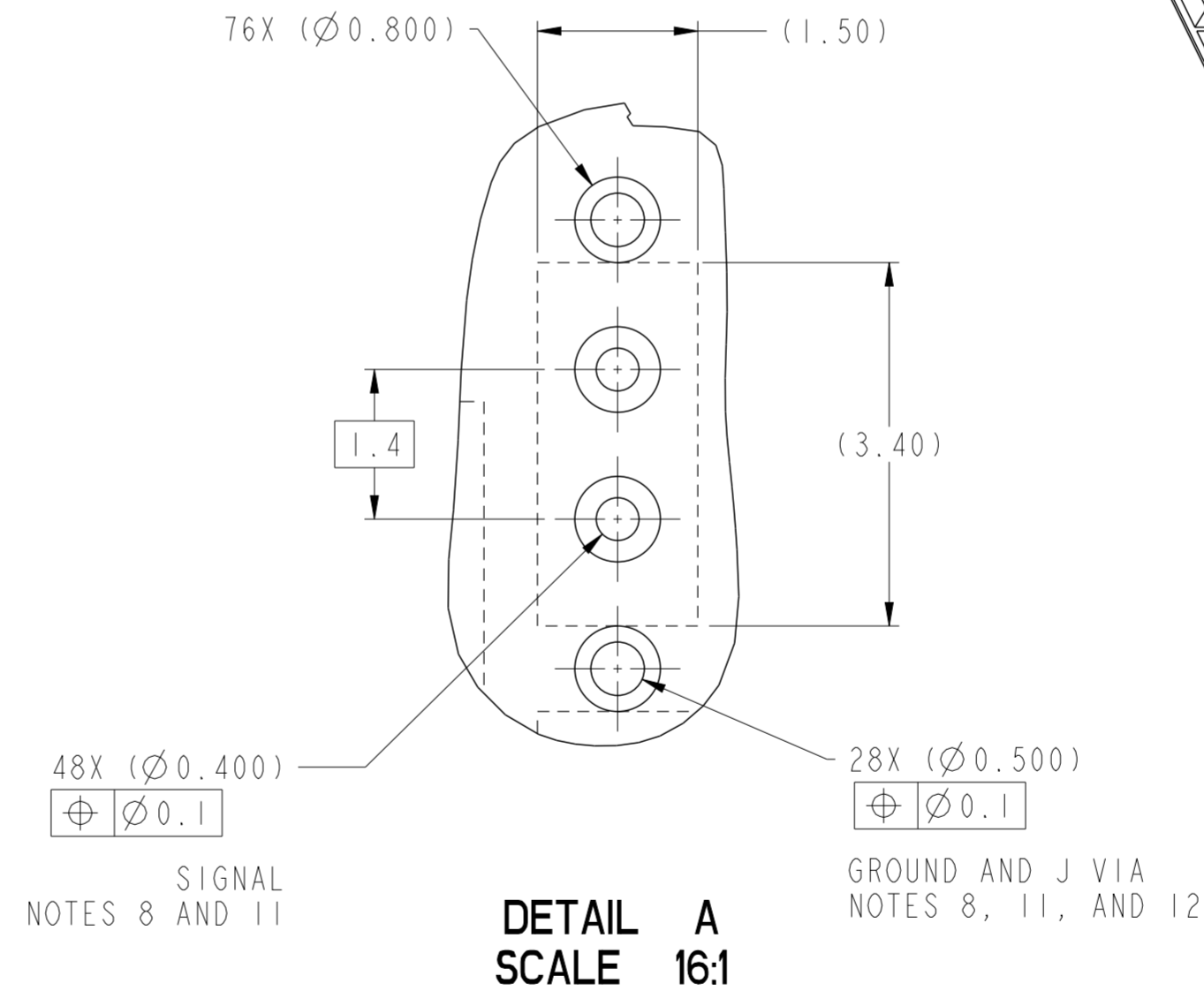
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10136586-101LF	TIN OVER NICKEL (LEAD FREE)

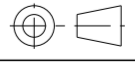
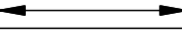

- ① - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, WHITE, UL94-V0
- 2 - CONTACT PLATING:
SEPARABLE INTERFACE:
PERFORMANCE BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS 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, (PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑥ - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 16.0 MM.
- ⑦ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL 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 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- ⑪ - GROUND CONTACTS (C,F, AND I IN ODD COLUMNS AND A, D, AND G, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.400) FINISHED HOLES.
- ⑫ - THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.
- 13 - A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



10136586-101LF



spec ref	---	dr	Tao Zhan	2016/01/28	projection	MM	size	A2	scale	4:1											
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/04/06			ecn no	-	rel level	Released											
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr							Pei-Ming Zheng	2016/04/06	product family								
surface	<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±.15</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±°</td> </tr> </table>	linear	0.X	±.3		0.XX	±.15		0.XXX	±.050	angular	0°	±°			title AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 3 PAIR, 72 POS, 8 IMLA, 16MM, Small PF		dwg no 10136586	rev A	cat. no. Product - Customer Drw sheet 3 of 3	
linear	0.X	±.3																			
	0.XX	±.15																			
	0.XXX	±.050																			
angular	0°	±°																			

PDS: Rev :A

STATUS:Released

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