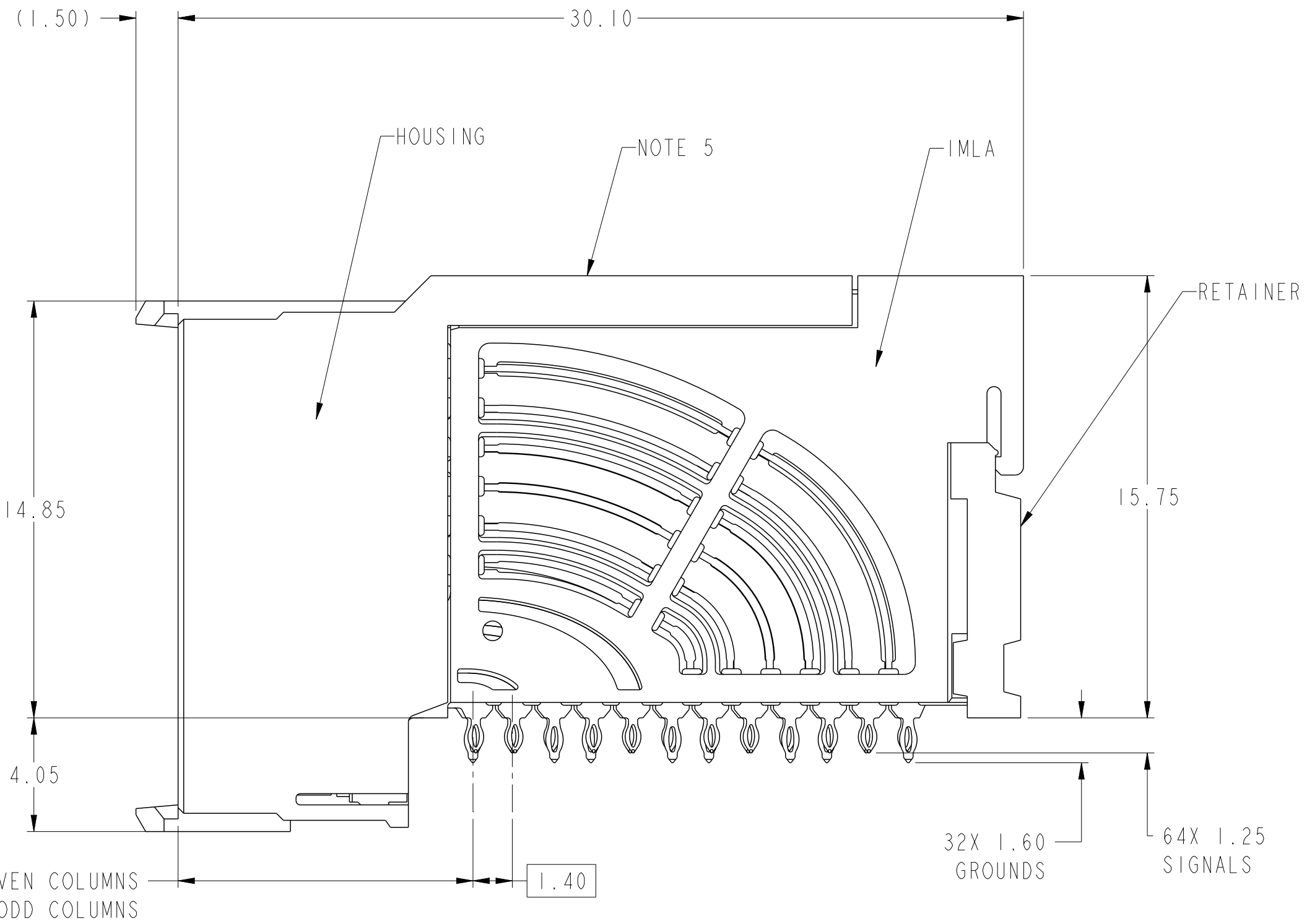
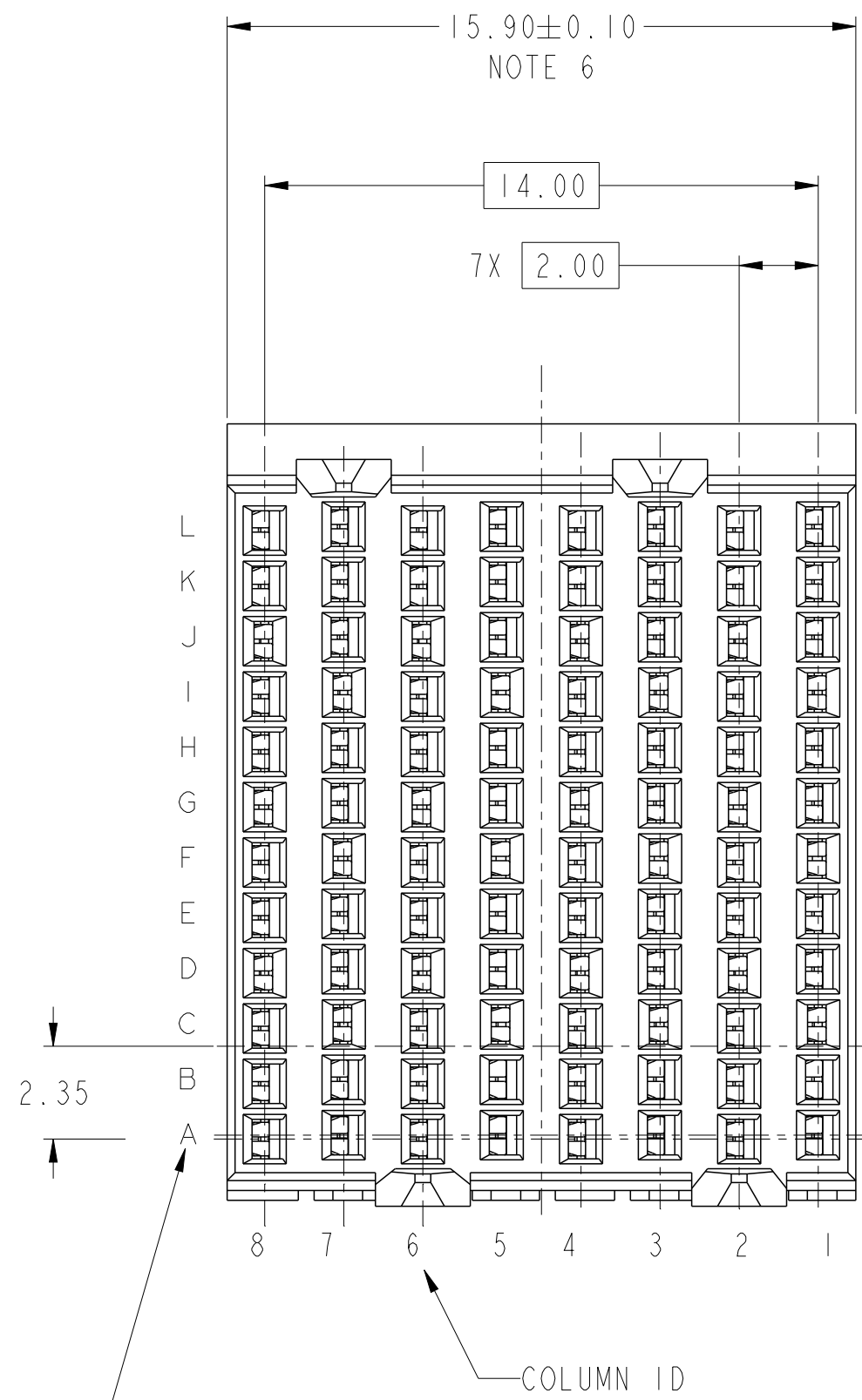


PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10133027-101LF	TIN OVER NICKEL (LEAD FREE)



TOP SURFACE OF DAUGHTER CARD

2.35

2.25

COLUMN ID

ODD COLUMN, CONTACT ROW ID

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

10.50 ϕ EVEN COLUMNS
10.60 ϕ ODD COLUMNS

32X 1.60 GROUNDS
64X 1.25 SIGNALS

Amphenol FCI

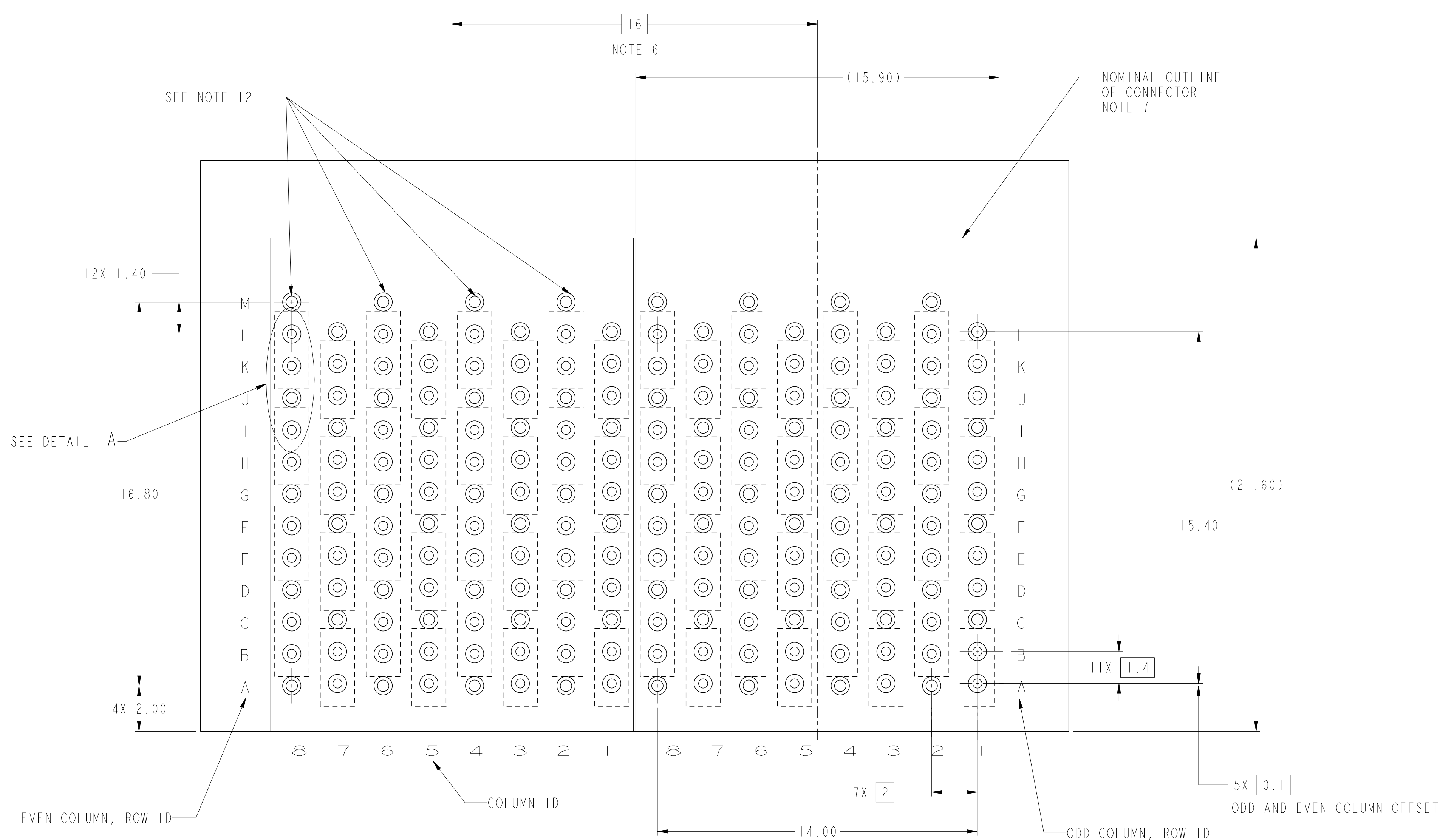
© 2016 AFCI

spec ref	---	dr	Jeny Ren	2015/01/12	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/10/27	chr	-	ecn no	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	Pei-Ming Zheng	2016/10/27	product family	AirMax VSE	rel level	Released		
surface	linear	0.X	±.3	Amphenol FCI	title	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 4 PAIR, 96 POS, 8 IMLA, 16MM	dwg no	10133027	rev	A
		0.XX	±.15							
		0.XXX	±.050							
	angular	0°	±2°	cat. no.	-	Product - Customer Drw	sheet 1 of 3			

PDS: Rev :A

STATUS:Released

Printed: Oct 27, 2016



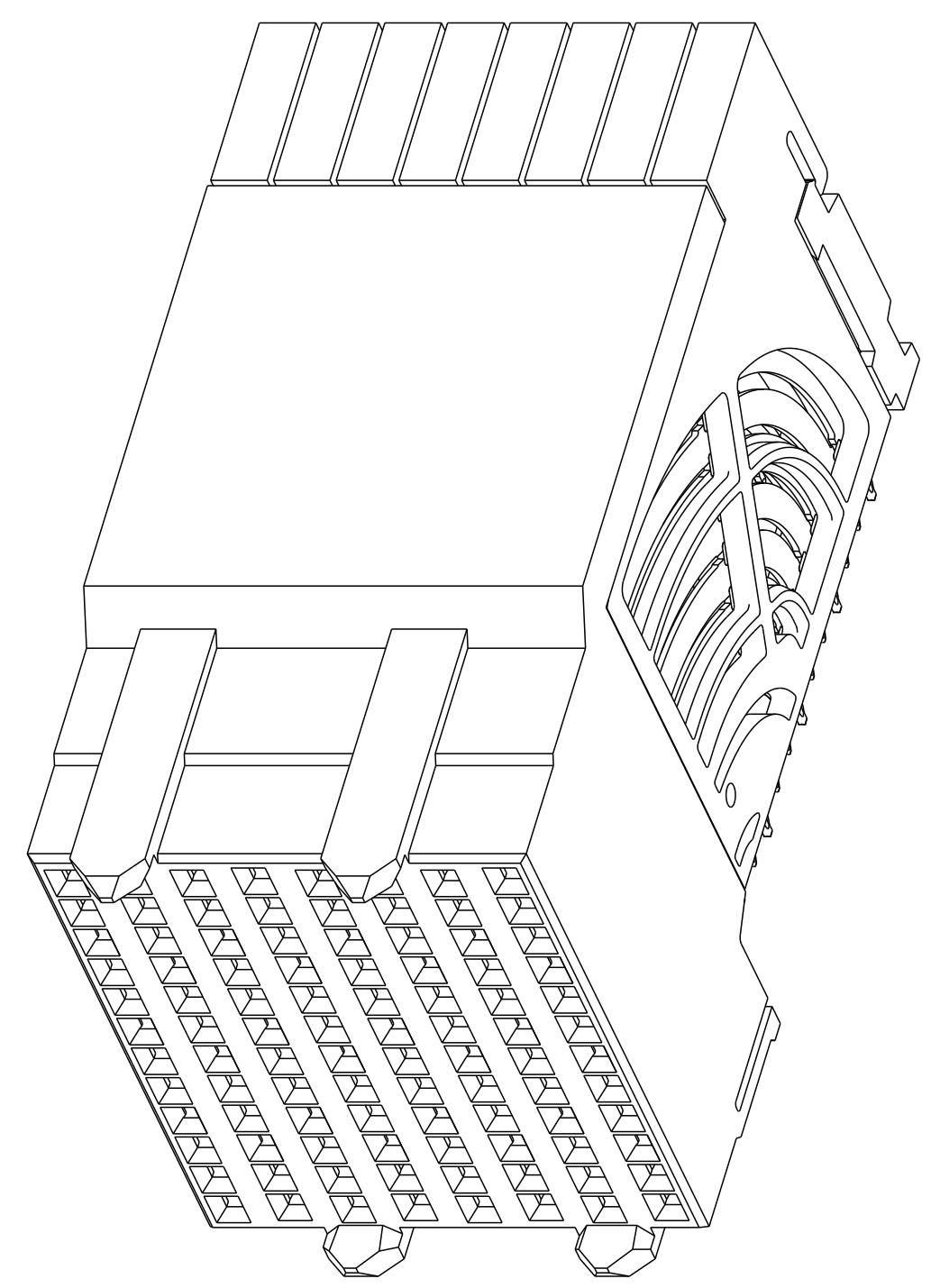
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

spec ref	---	dr	Jeny Ren	2015/01/12	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/10/27			ecn no	-	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr						
surface	-	linear	0.X	±.3		AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 4 PAIR, 96 POS, 8 IMLA, 16MM	dwg no 10133027	rev A	cat. no.	Product - Customer Drw
			0.XX	±.15						
			0.XXX	±.050						
		angular	0°	±2°						sheet 2 of 3

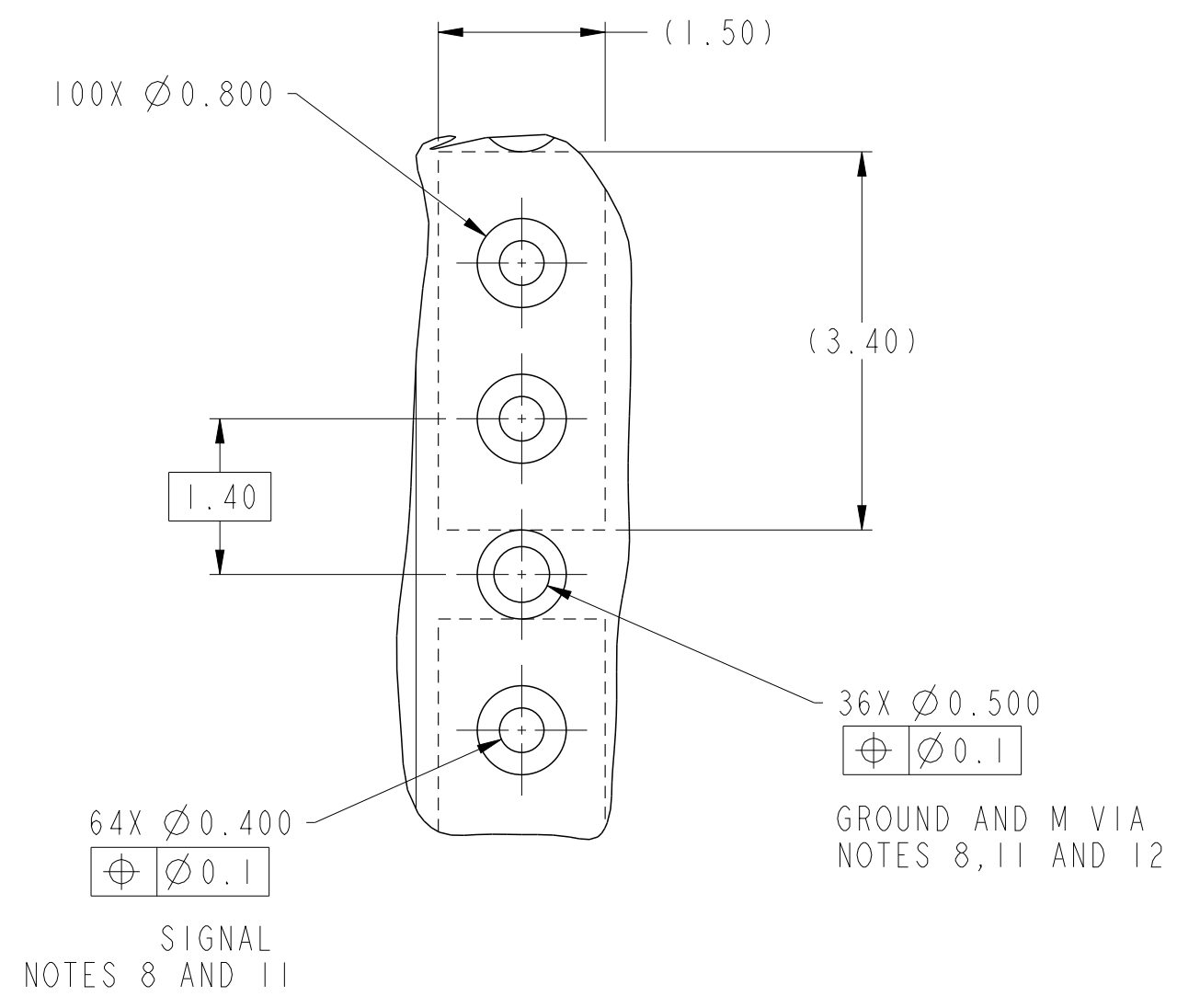
A
B
C
D
E
F

- 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, (PROTOTYPE, 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,I AND L IN ODD COLUMNS AND A,D,G AND J, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.400) FINISHED HOLES.
- ⑫ - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES, WE RECOMMEND (Ø 0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB



10133027-101LF



DETAIL A
SCALE 16:1

Amphenol
FCi

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spec ref	---	dr	Jeny Ren	2015/01/12	projection	MM	size	A2	scale	4:1	
tolerance std	ASME Y14.5M	eng	Art Lin	2016/10/27			ecn no	-			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Pai-Ming Zheng	2016/10/27	rel level	Released	
surface		linear	0.X	±.3		TITLE AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 4 PAIR, 96 POS, 8 IMLA, 16MM	dwg no 10133027	rev A			
			0.XX	±.15							
			0.XXX	±.050							
		angular	0°	±2°	cat. no.		Product - Customer Drw		sheet 3 of 3		

PDS: Rev :A

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