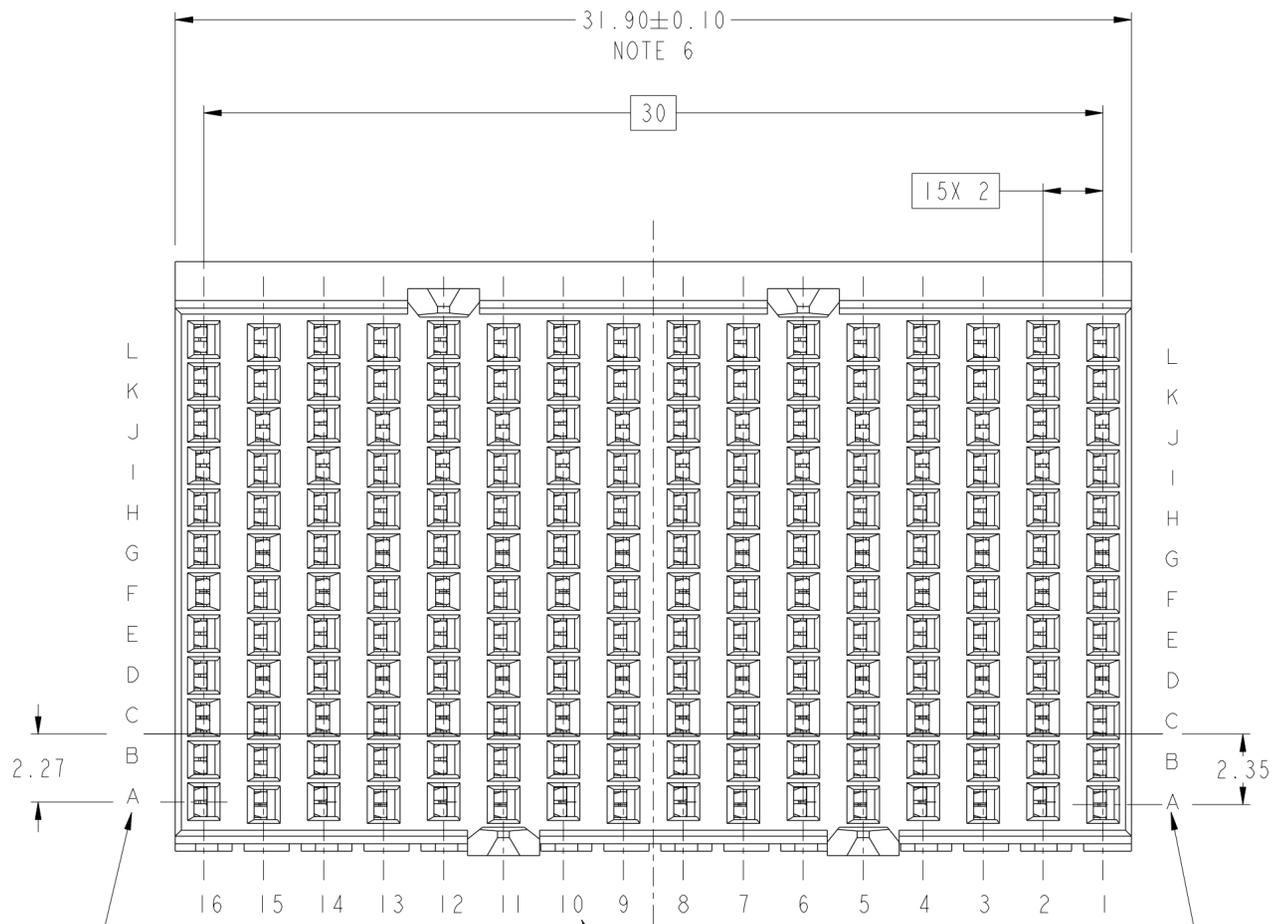


PRODUCT NUMBER
SEE SHEET 3



16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

L K J I H G F E D C B A

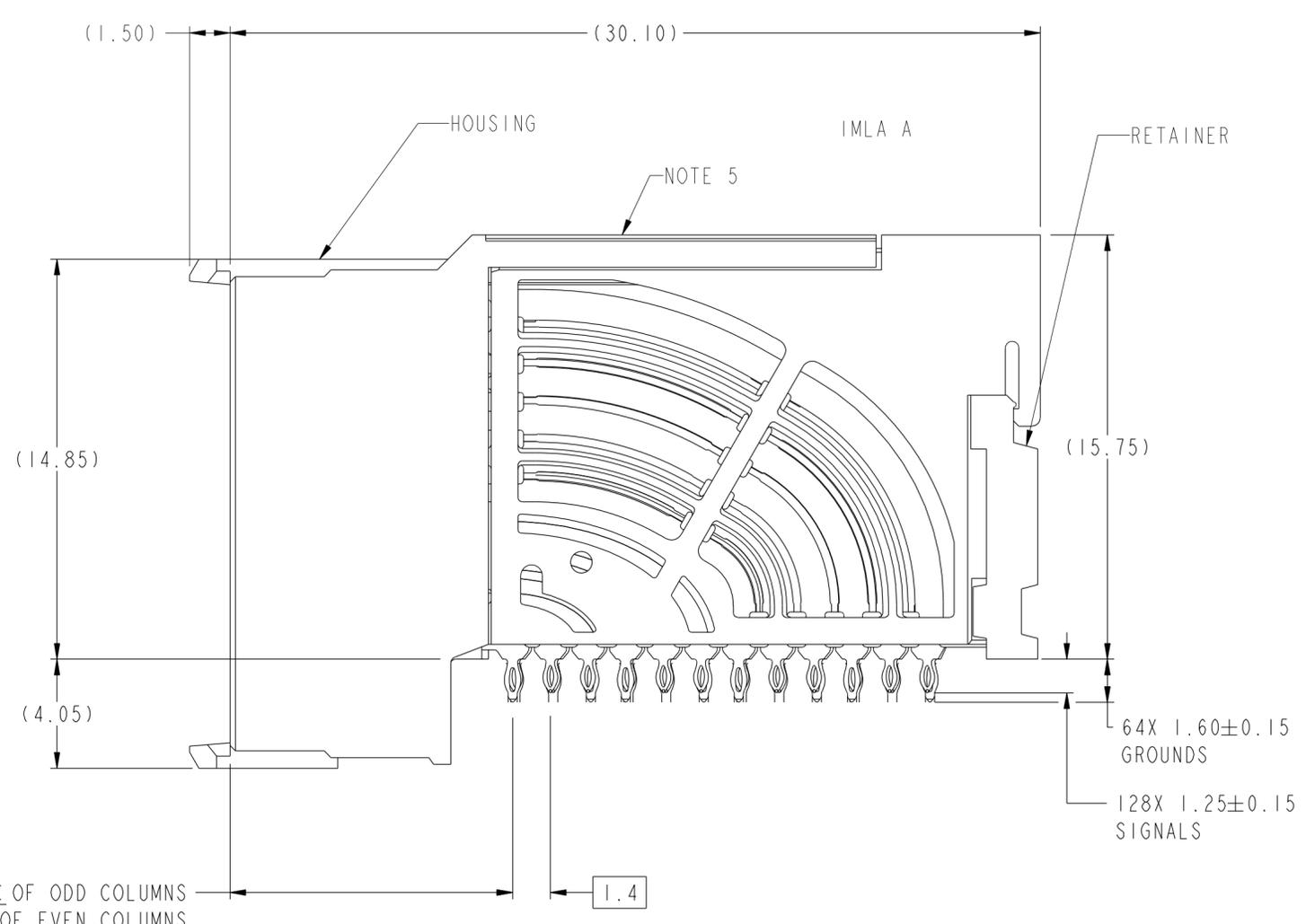
L K J I H G F E D C B A

2.27

2.35

COLUMN ID

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



(1.50)

(30.10)

HOUSING

IMLA A

NOTE 5

RETAINER

(14.85)

(15.75)

(4.05)

64X 1.60±0.15
GROUNDS

128X 1.25±0.15
SIGNALS

1.4

10.50 ϕ OF ODD COLUMNS
10.60 ϕ OF EVEN COLUMNS

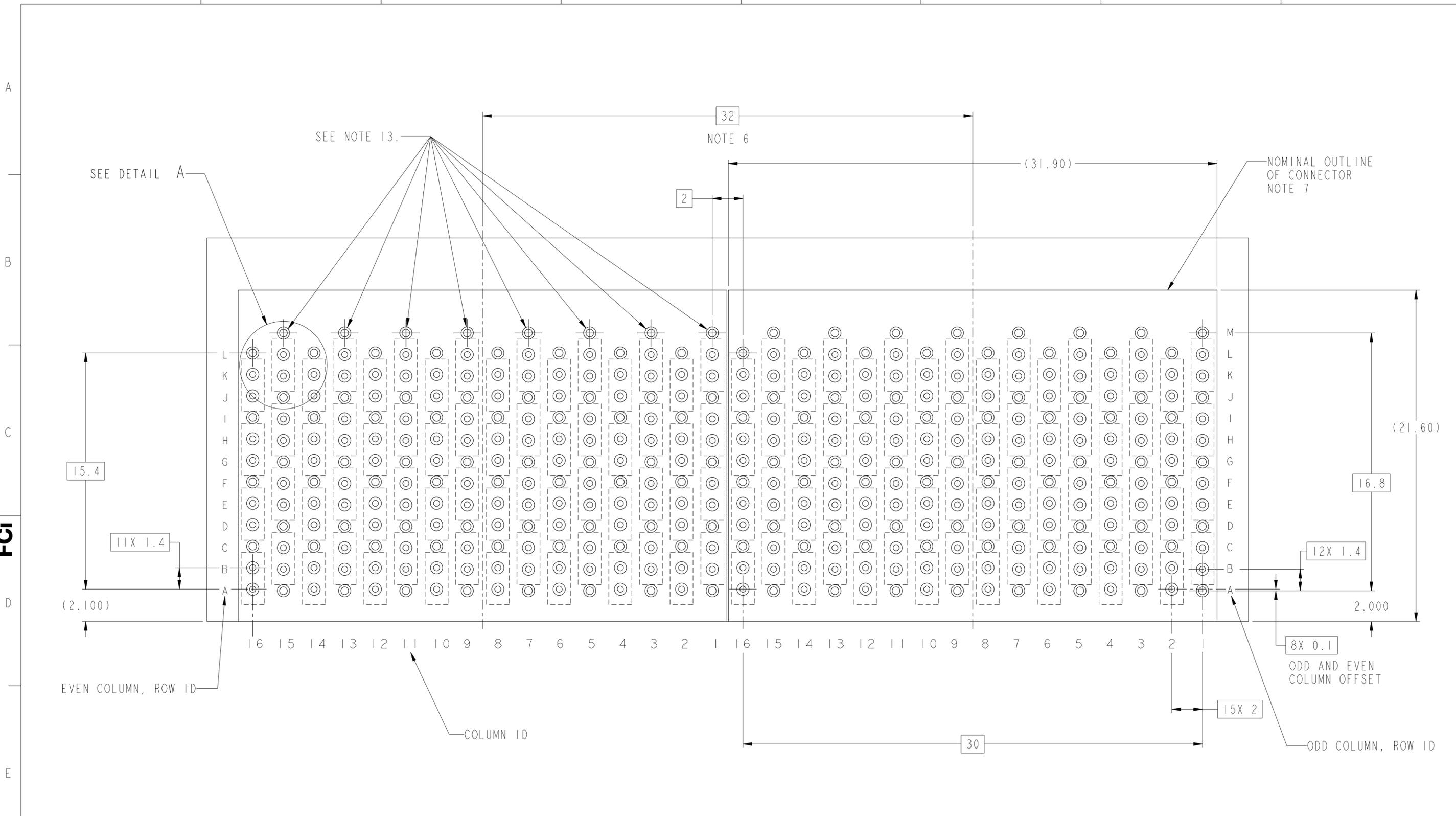
ODD COLUMN, CONTACT ROW ID

PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/09/29	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	-	-	product family	AirMax VSE	rel level	Preliminary		
surface	linear	0.X	±.3	Amphenol FCi	title	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 4 PAIR, 192 POS, 16 IMLA, 32MM SPECIAL	dwg no	10136588	rev	1
		0.XX	±.10							
		0.XXX	±.050							
	angular	0°	±°	cat. no.	-	Product - Customer Drw	sheet 1 of 3			

Amphenol
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RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 12

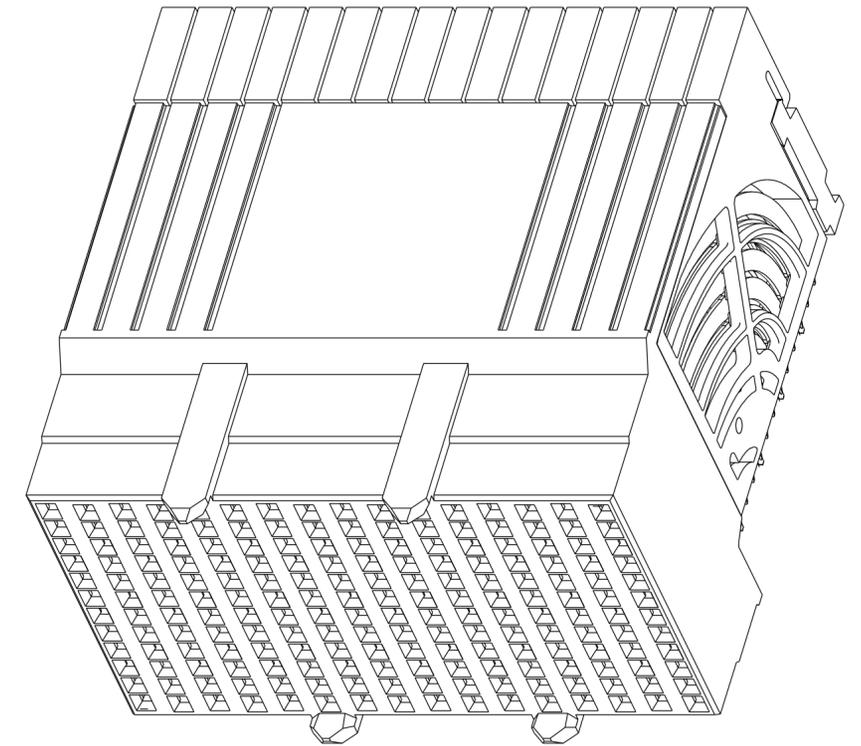
PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/09/29	projection	MM	size	A2	scale	1:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
surface	-	appr	-	-	product family	AirMax VSE	part no	10136588	rev	1
					title	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 4 PAIR, 192 POS, 16 IMLA, 32MM SPECIAL		cat. no.	Product - Customer Drw	sheet 2 of 3

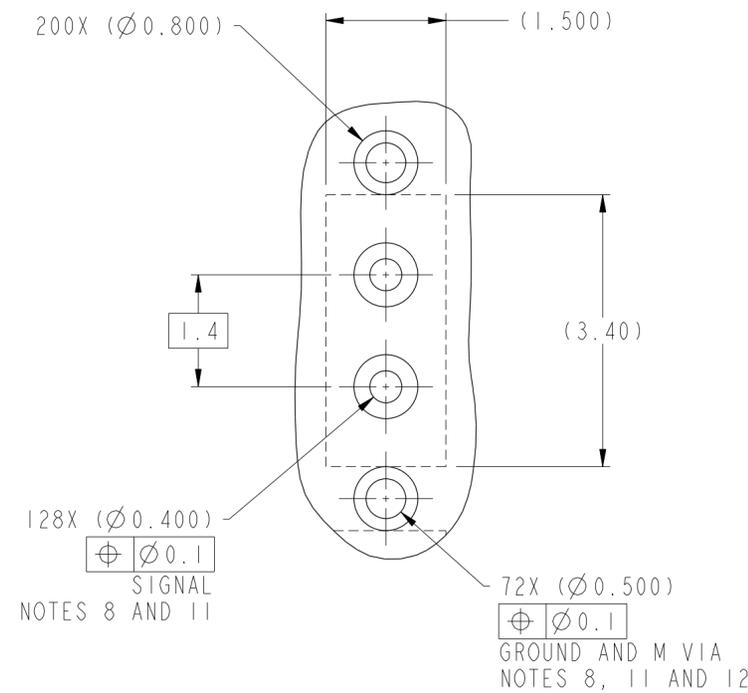
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10136588-101LF	TIN OVER NICKEL (LEAD FREE)

- 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, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑥ - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 32.0 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 EVEN COLUMNS AND A, D, G AND J, ODD 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.



10136588-101LF
SCALE 4:1



DETAIL A
SCALE 16:1

PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/09/29	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	-	-	product family	AIRMAX VS2 R.A. RECEPTACLE ASS'Y, 4 PAIR, 192 POS, 16 IMLA, 32MM SPECIAL				
surface	linear	0.X	±.3	Amphenol FCI	cat. no.	Product - Customer Drw	10136588	1	sheet 3 of 3	
		0.XX	±.10							
		0.XXX	±.050							
angular	0°	±°								

Amphenol FCI

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