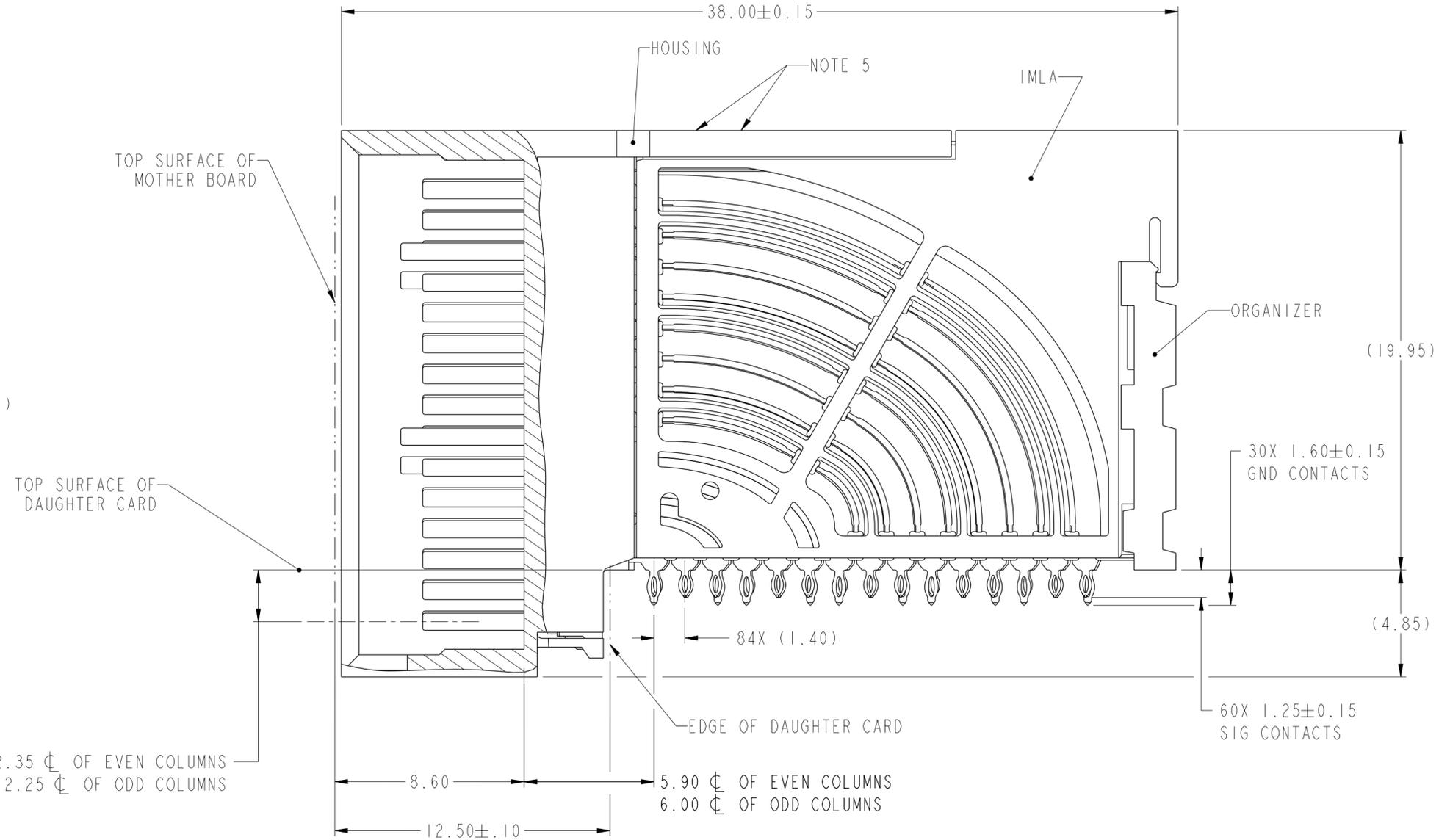
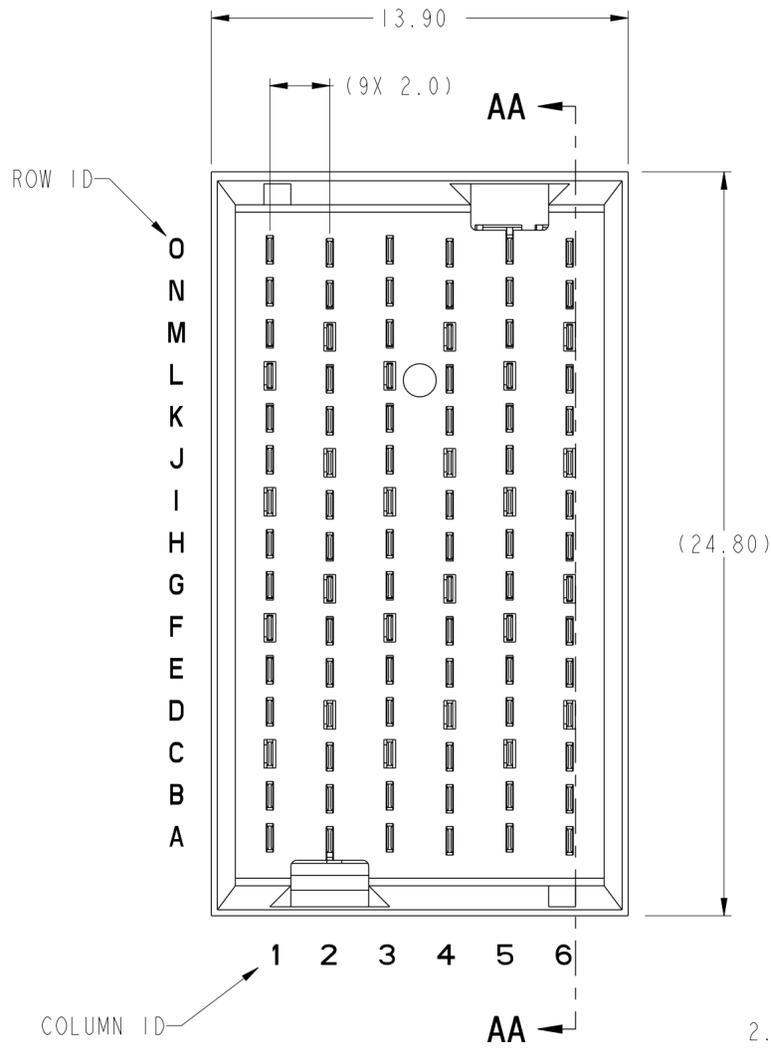


PRODUCT NUMBER
SEE SHEET 3



SECTION AA-AA

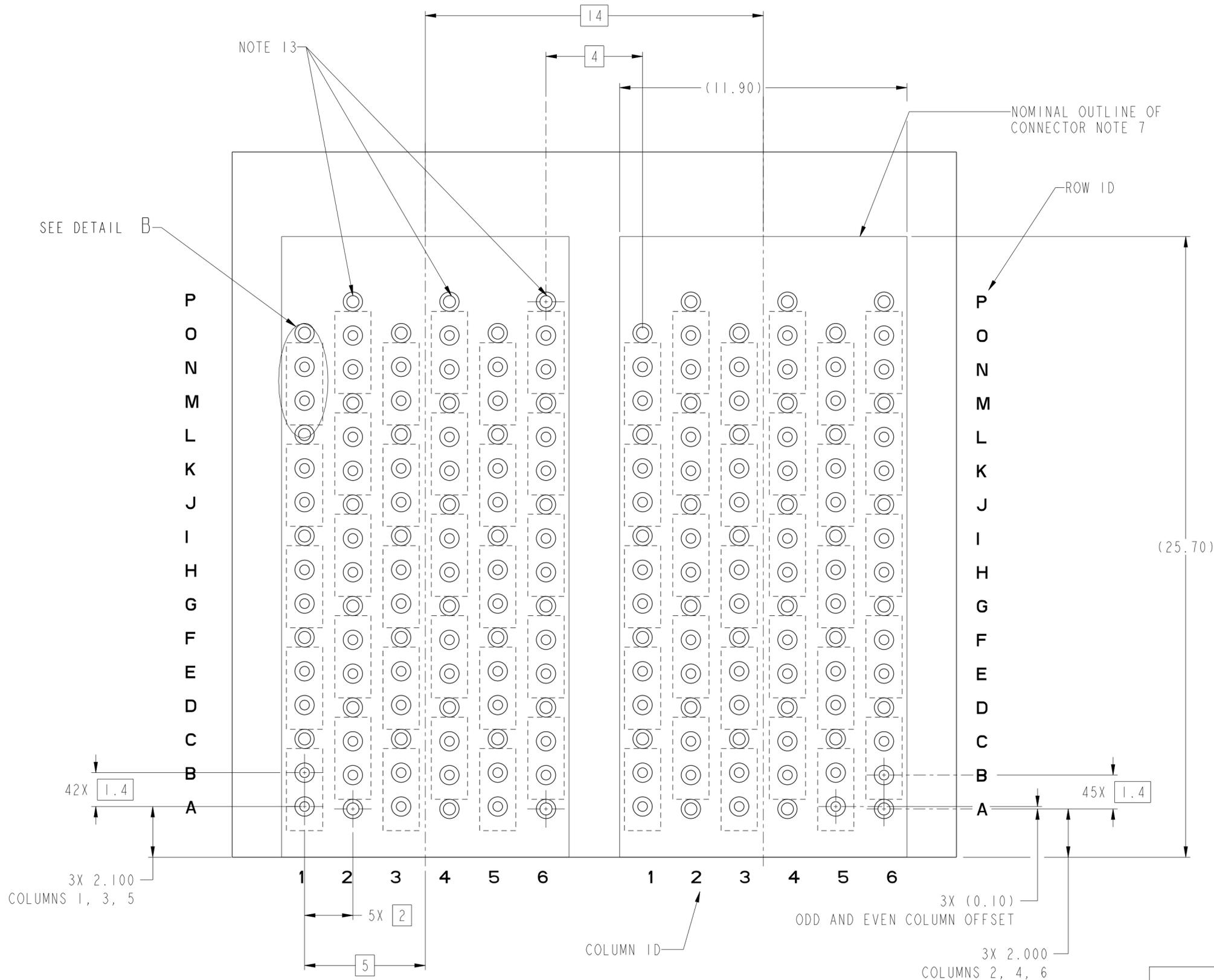
NOT TOOLED

PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/10/14	projection	MM	size	A2	scale	10:1	
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/15			ecn no	-	rel level	Preliminary	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app							-
surface	-	linear	0.X	±.3	Amphenol FCI		AirMax VS2 R.A. HEADER		5 Pair, 90 pos, 2mm, 6Col, Small Press Fit	10136600	rev 1
			0.XX	±.10					Product - Customer Drw	sheet 1 of 3	
			0.XXX	±.050							
		angular	0°	±2°							

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

PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/10/14	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/15			ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-			product family	-		
surface	-	linear	0.X	±.3		title AirMax VS2 R.A. HEADER 5 Pair, 90 pos, 2mm, 6Col, Small Press Fit	dwg no	10136600	rev	1
			0.XX	±.10			cat. no.	-	Product - Customer Drw	sheet 2 of 3
		angular	0°	±2°						

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	PLATING SIDE TYPE
10136600-101LF	TIN OVER NICKEL (LEAD FREE)	1 SIDE PLATING (CUSTOMER SPECIAL)
10136600-102LF	TIN OVER NICKEL (LEAD FREE)	2 SIDE PLATING

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-12-0956 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" AND "L" OF ODD NUMBERED COLUMNS AND POSITIONS "G" AND "M" 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

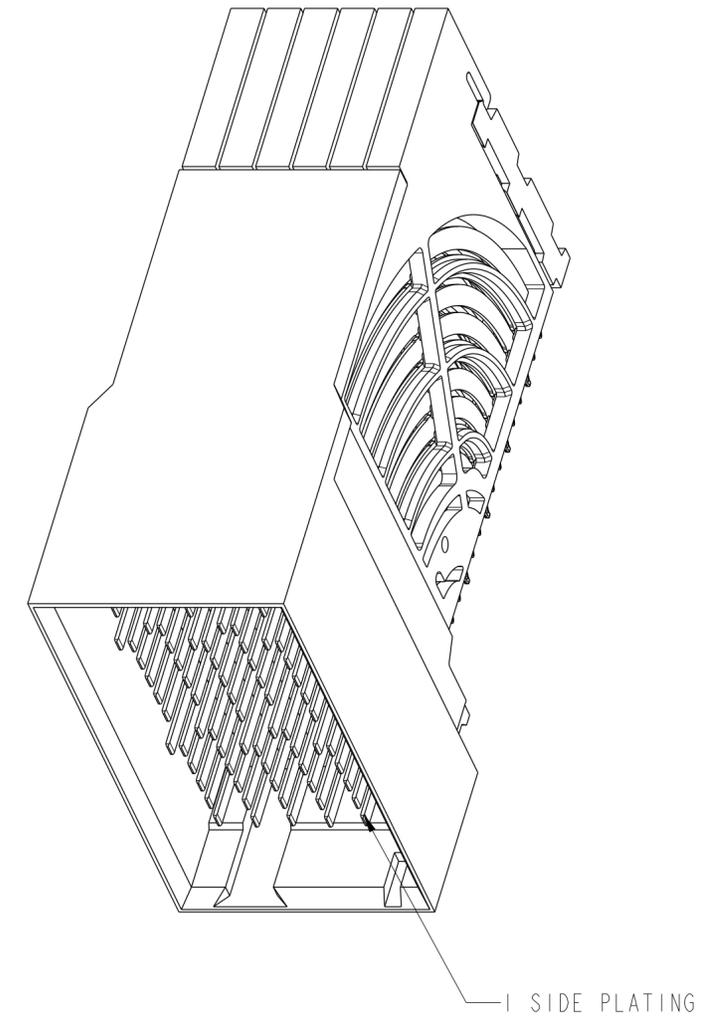
9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

10 - A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

11 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

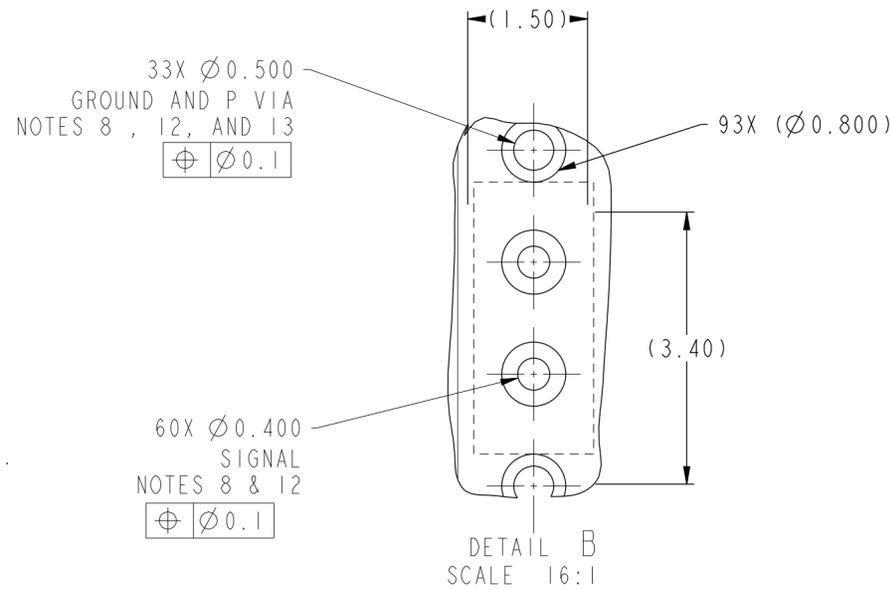
12 - GROUND CONTACTS (C, F, I, L, & O IN ODD COLUMNS AND A, D, G, J, & M IN EVEN COLUMNS) REQUIRE ($\phi 0.50$) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ($\phi 0.40$) FINISHED HOLES

13 - THESE OUTER VIAS (P) ARE OPTIONAL. WHILE NO CONNECTOR PINS ARE PRESSED INTO THESE HOLES WE RECOMMEND ($\phi 0.500$) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10136600-101LF
 10136600-102LF

SCALE 4:1



PRELIMINARY

spec ref	---	dr	Tao Zhan	2015/10/14	projection	MM	size	A2	scale	8:1	
tolerance std	ASME Y14.5M	eng	Tao Zhan	2016/03/15	chr	-	ecn no	-	rel level	Preliminary	
surface	-	linear	0.X	± 0.3	angular	0°	$\pm 2^\circ$	Amphenol FCI	title	AirMax VS2 R.A. HEADER	
			0.XX	± 0.10					5 Pair, 90 pos, 2mm, 6Col, Small Press Fit	cat. no.	10136600
			0.XXX	± 0.050					Product - Customer Drw	sheet 3 of 3	

Amphenol FCI

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