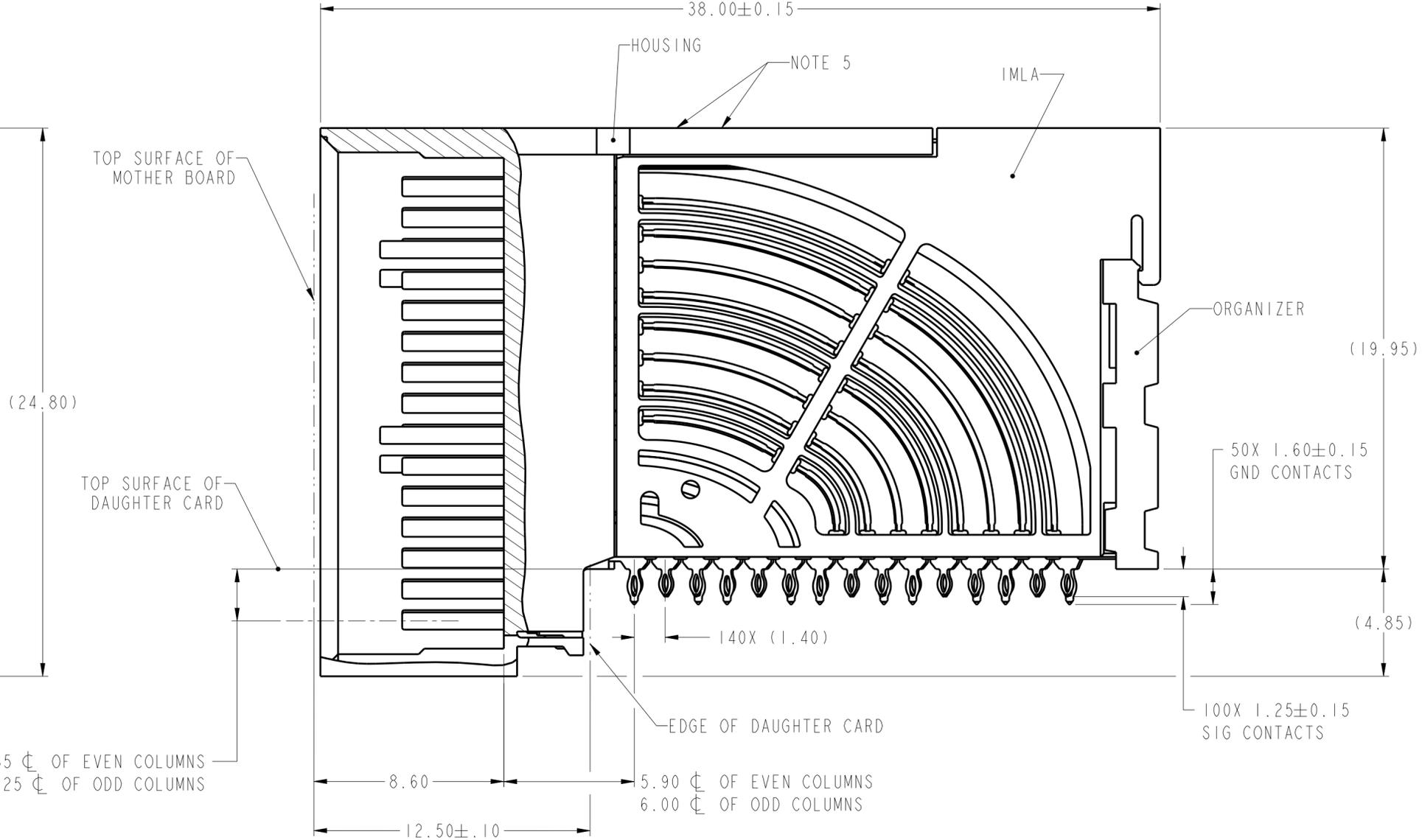
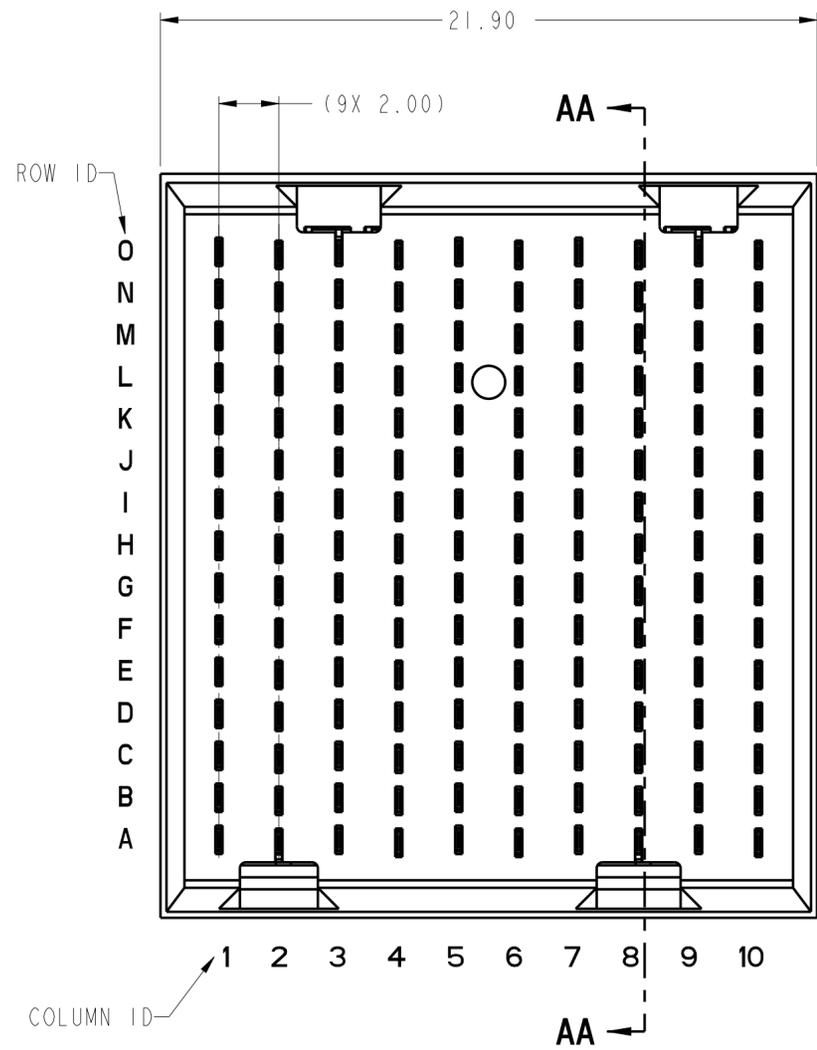


PRODUCT NUMBER
SEE SHEET 3



SECTION AA-AA

Amphenol
FCi

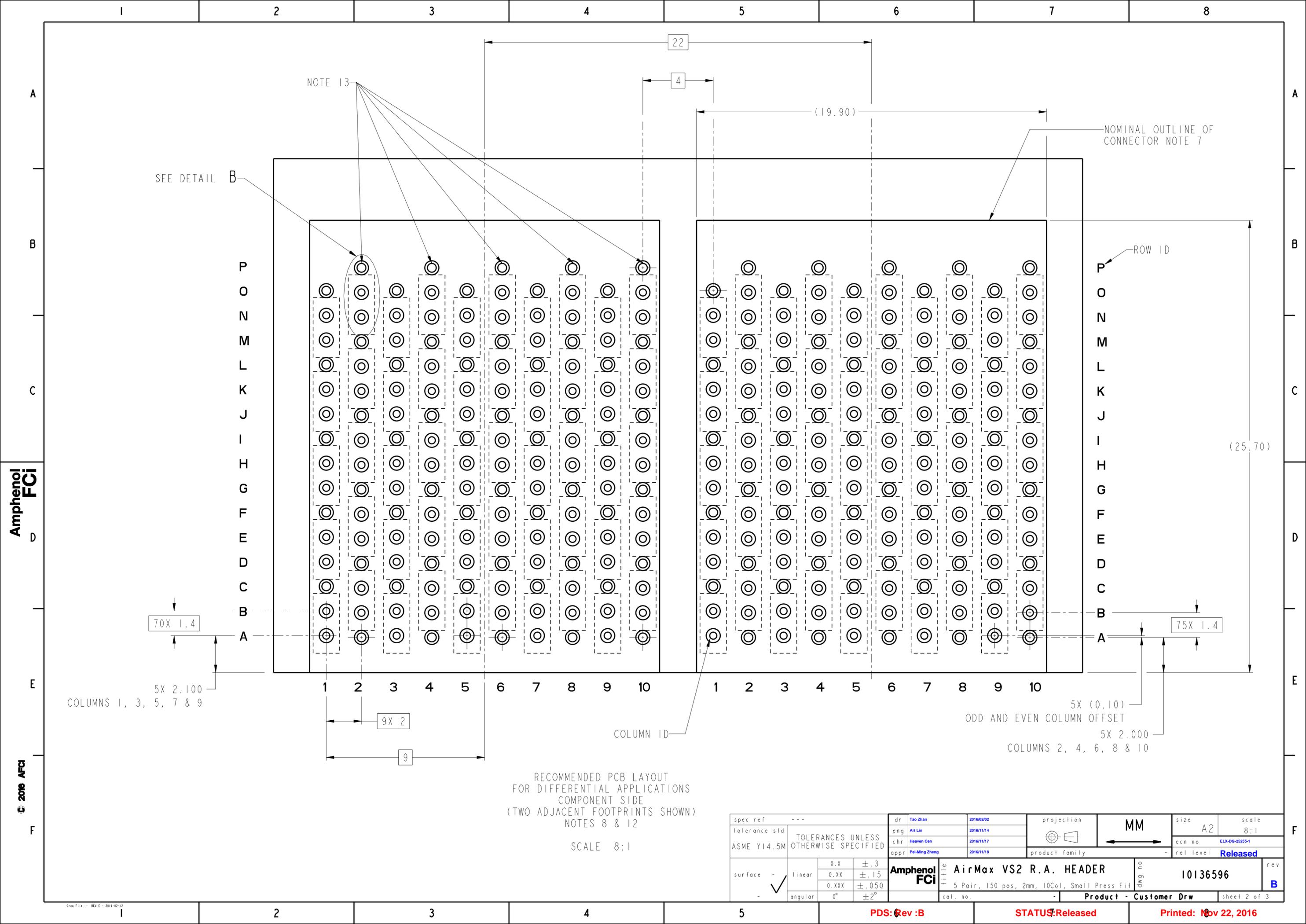
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spec ref	---	dr	Tao Zhan	2016/02/02	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			ecn no	ELX-DG-2525-1	rel level	Released
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17						
surface	linear	0.X	±.3		product family		title AirMax VS2 R.A. HEADER 5 Pair, 150 pos, 2mm, 10Col, Small Press Fit	dwg no 10136596	rev B	
		0.XX	±.15		-					
		0.XXX	±.050		-					
	angular	0°	±2°	cat. no.	-		Product - Customer Draw		sheet 1 of 3	

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STATUS: Released

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SEE DETAIL B

NOTE 13

NOMINAL OUTLINE OF CONNECTOR NOTE 7

ROW ID

COLUMN ID

70X 1.4

75X 1.4

5X 2.100
COLUMNS 1, 3, 5, 7 & 9

5X (0.10)
ODD AND EVEN COLUMN OFFSET

5X 2.000
COLUMNS 2, 4, 6, 8 & 10

9X 2

9

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

SCALE 8:1

spec ref	---	dr	Tao Zhan	2016/02/02	projection	MM	size	A2	scale	8:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			ecn no	ELX-DG-2525-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17				rel level	Released	
surface	-	appr	Pei-Ming Zheng	2016/11/18	product family			Amphenol FCI	title	AirMax VS2 R.A. HEADER
	linear								part no	10136596
	angular								cat. no.	Product - Customer Drw
	0.X	±.3							rev	B
	0.XX	±.15							sheet 2 of 3	
	0.XXX	±.050								
	0°	±2°								

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STATUS: Released

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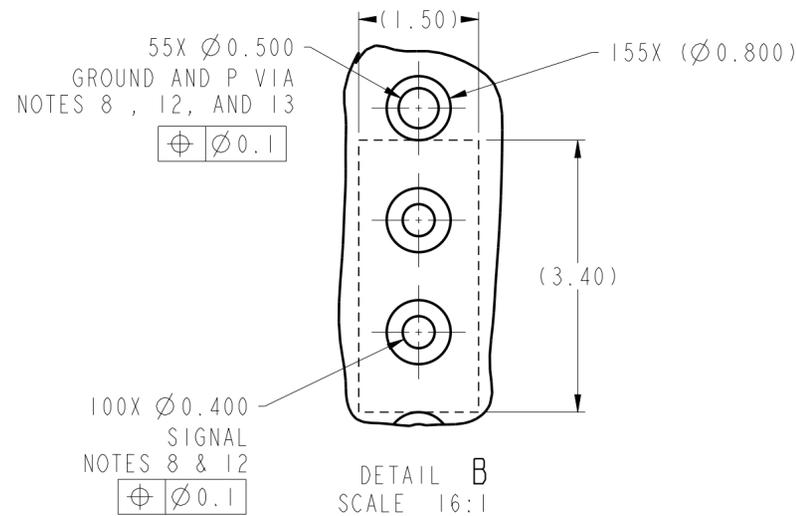
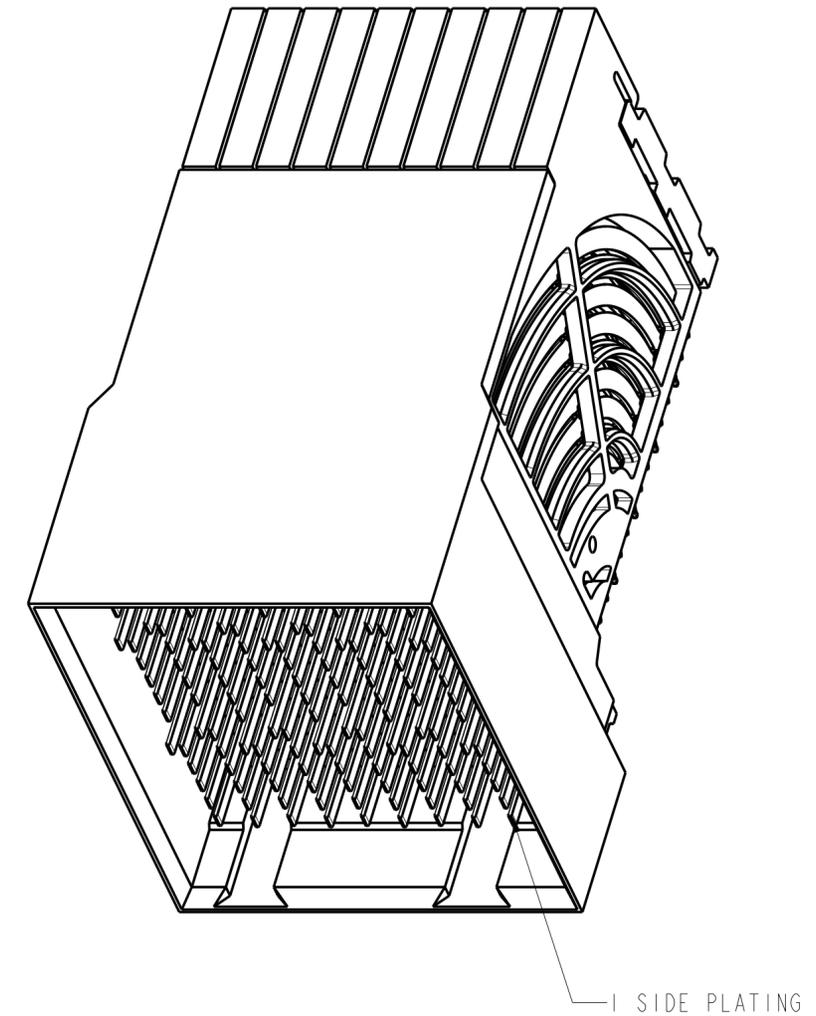
Amphenol FCI

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PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	PLATING SIDE TYPE
10136596-101LF	TIN OVER NICKEL (LEAD FREE)	1 SIDE PLATING (CUSTOMER SPECIAL)
10136596-102LF	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 \triangle 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.



10136596-101LF
10136596-102LF

SCALE 4:1

spec ref	---	dr	Tao Zhan	2016/02/02	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Art Lin	2016/11/14			ecn no	ELX-DG-2525-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Heaven Cen	2016/11/17			rel level	Released		
surface	linear	0.X	$\pm .3$	appr	Pai-Ming Zheng	2016/11/18	product family			
		0.XX	$\pm .15$			title	AirMax VS2 R.A. HEADER			
		0.XXX	$\pm .050$			part no	5 Pair, 150 pos, 2mm, 10Col, Small Press Fit			
	angular	0°	$\pm 2^\circ$			cat. no.	Product - Customer Drw			
						dwg no	10136596			
						rev	B			
						sheet 3 of 3				

PDS: Rev :B

STATUS: Released

Printed: Nov 22, 2016