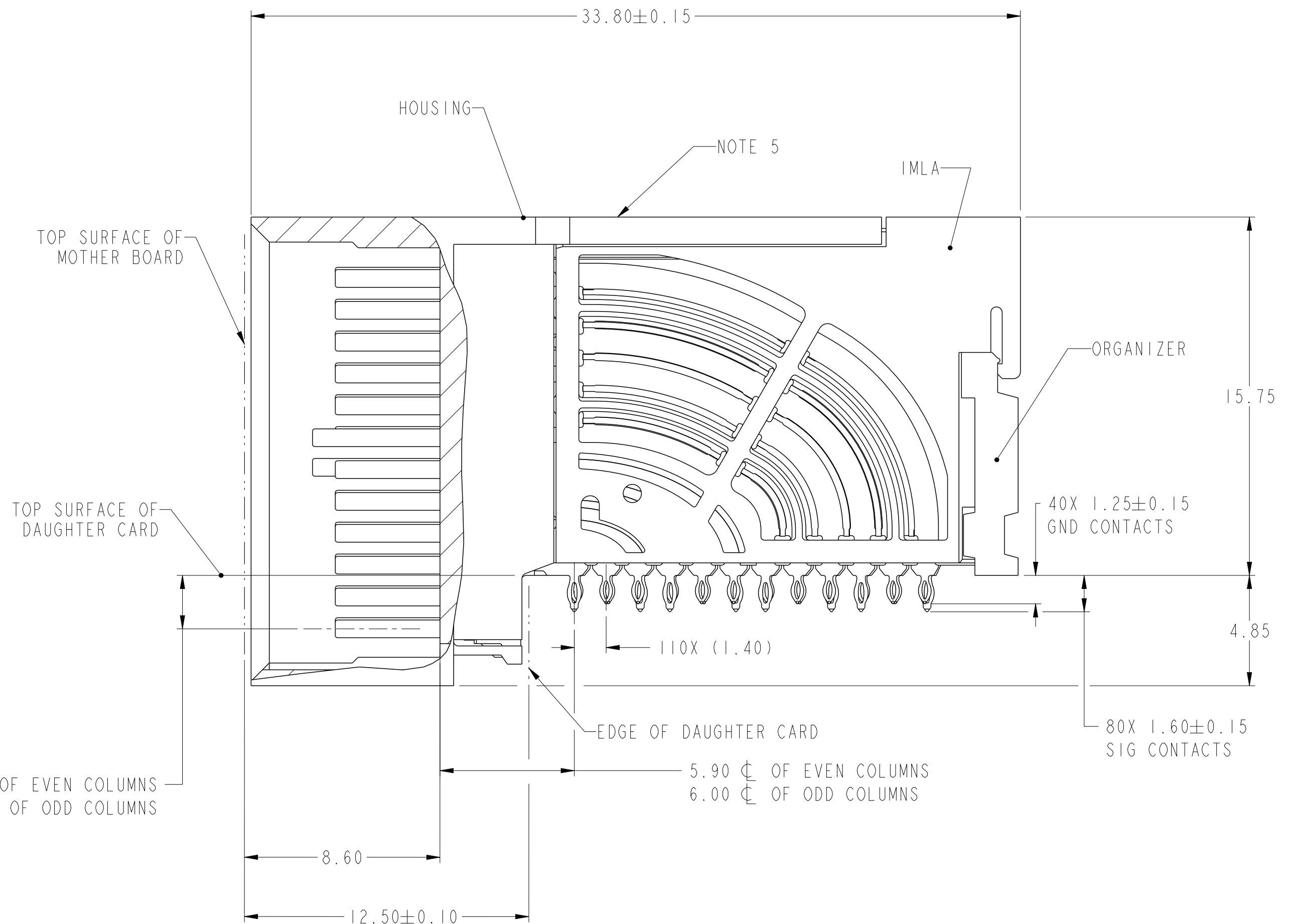
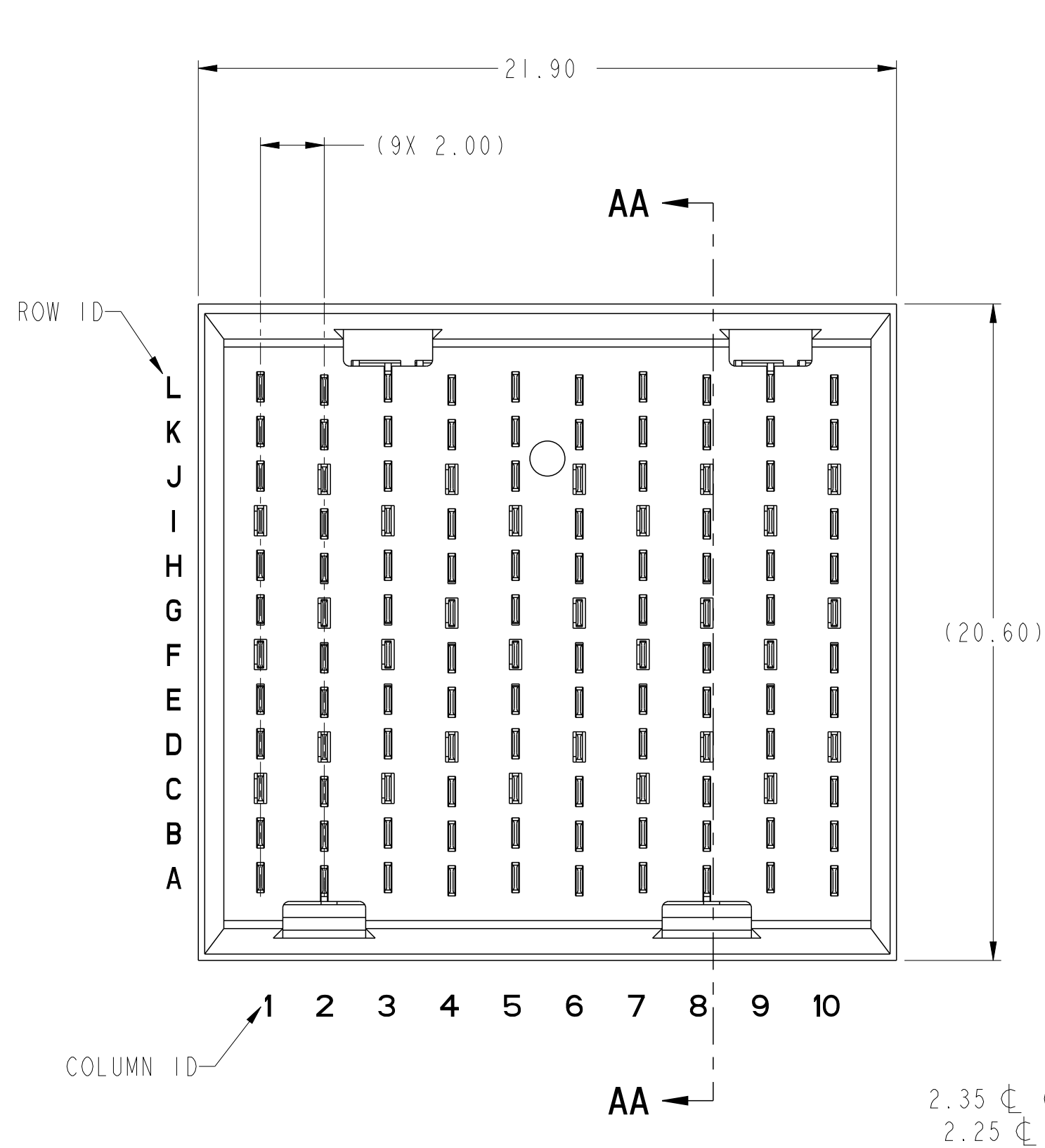


PRODUCT NUMBER
SEE SHEET 3



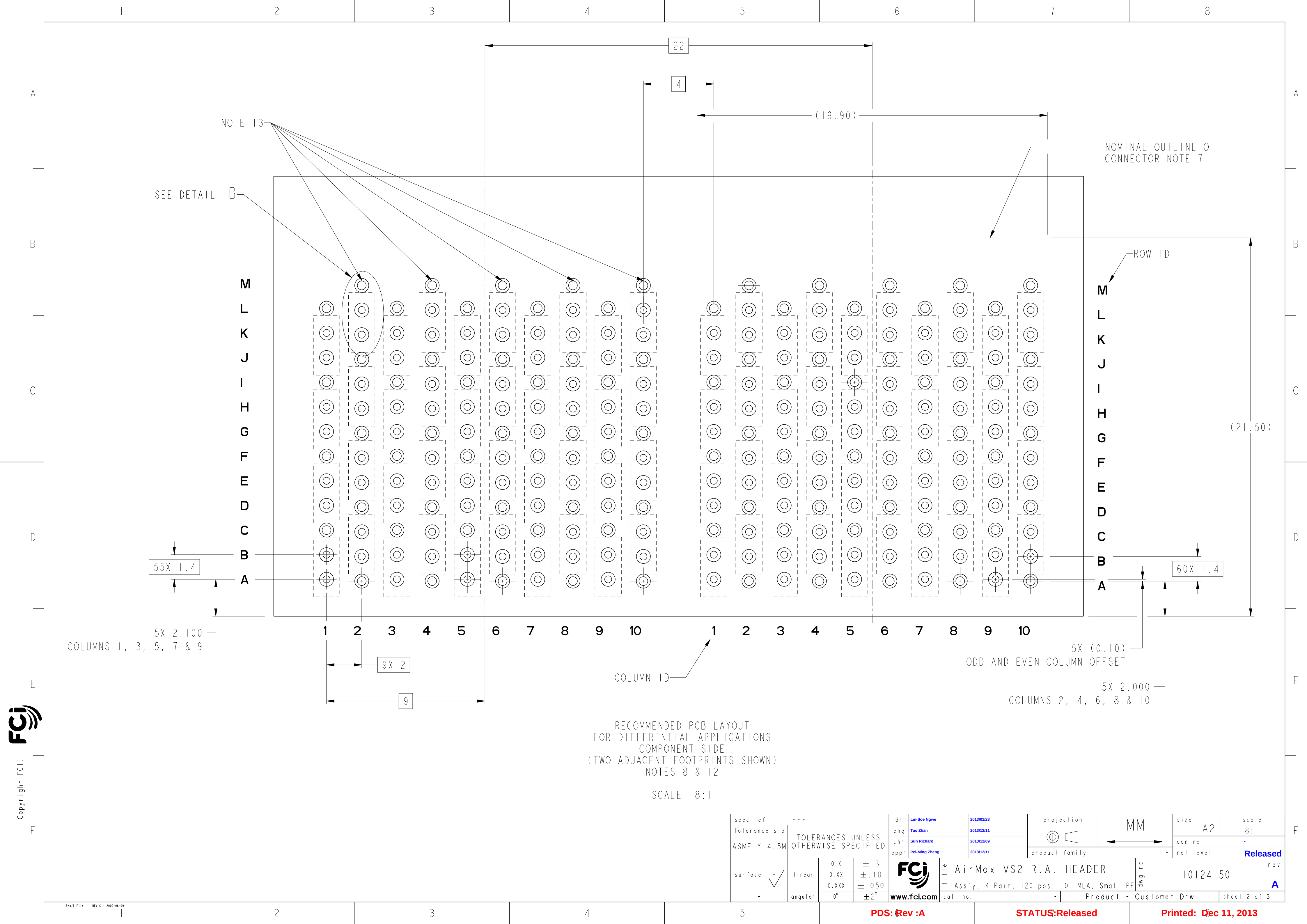
SECTION AA-AA

spec ref		---		dr		Lin-Soe Ngwe		2013/01/23		projection		MM		size		A2		scale		10:1							
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng		Tao Zhan		2013/12/11						ecn no		-		Released									
ASME Y14.5M				chr		Sun Richard		2013/12/09						rel level													
				appr		Pei-Ming Zheng		2013/12/11																			
surface				linear		0.X		±.3				title		AirMax VS2 R.A. HEADER		dwg no		10124150		rev		A					
																								0.XX		±.10	
																								0.XXX		±.050	
-		-		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 3									

PDS: Rev :A

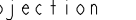
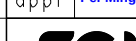
STATUS:Released

Printed: Dec 11, 2013



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

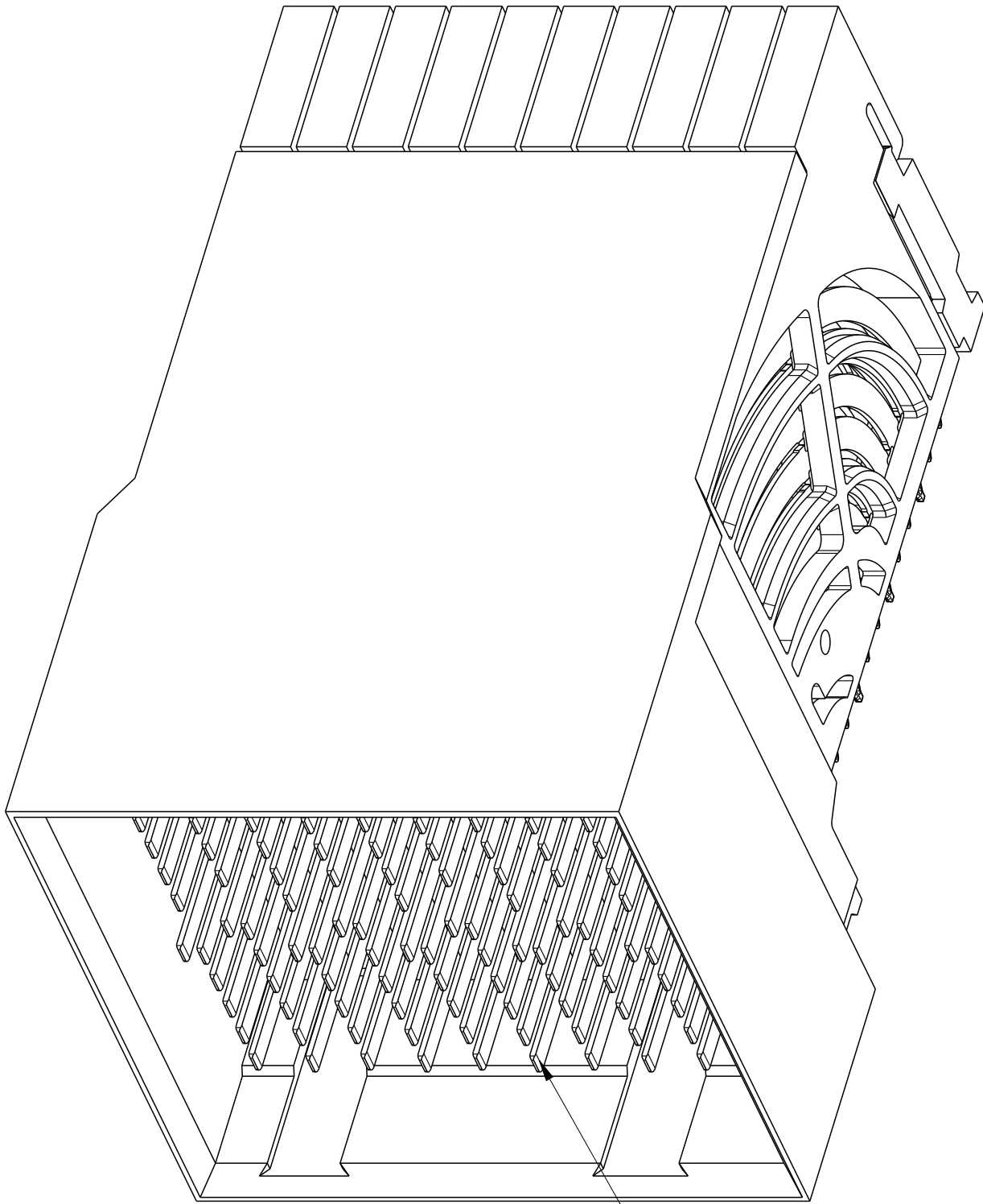
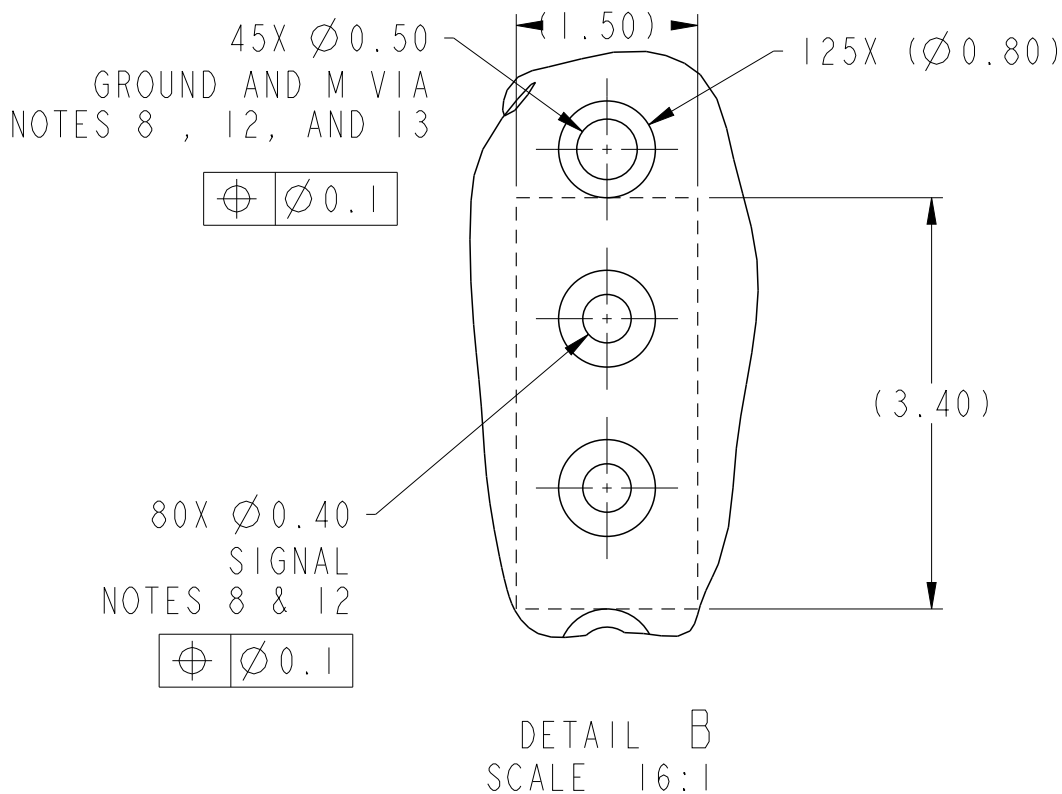
SCALE 8:1

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tolerance std		eng	Tao Zhan	2013/12/11	ecn no	-									
ASME Y14.5M		TOLERANCES UNLESS OTHERWISE SPECIFIED			chr	Sun Richard					2013/12/09	rel level			Released
					appr	Pei-Ming Zheng	2013/12/11	product family			-				
surface		linear	0.X	±.3		title	AirMax VS2 R.A. HEADER			dwg no	10124150			rev	A
			0.XX	±.10											
			0.XXX	±.050											
-		angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw				sheet 2 of 3			

A
B
C
D
E
F

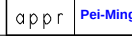
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	REMARK
10124150 -101	TIN/LEAD ALLOY OVER NICKEL	1-SIDE PLATING
10124150-101LF	TIN OVER NICKEL (LEAD FREE)	1-SIDE PLATING
10124150-102	TIN/LEAD ALLOY OVER NICKEL	2-SIDES PLATING
10124150-102LF	TIN OVER NICKEL (LEAD FREE)	2-SIDES PLATING

- 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:
GXT PLUS 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" OF ODD NUMBERED COLUMNS AND POSITIONS "G" 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  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 IN ODD COLUMNS AND A, D, G & J IN EVEN COLUMNS) REQUIRE (Ø0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.40) FINISHED HOLES
- 13 - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECOMMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.



10124150-101 OR -101LF
10124150-102 OR -102LF

A
B
C
D
E
F

spec ref		---		dr	Lin-Soe Ngwe	2013/01/23			size	A2	scale	10:1	
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED				eng			Tao Zhan	2013/12/11	ecn no	-	
ASME Y14.5M		chr	Sun Richard	2013/12/09	appr	Pei-Ming Zheng			2013/12/11	product family			-
surface		linear	0.X	±.3		title	AirMax VS2 R.A. HEADER	dwg no	10124150			rev	A
			0.XX	±.10									
			0.XXX	±.050									
-	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw			sheet 3 of 3			