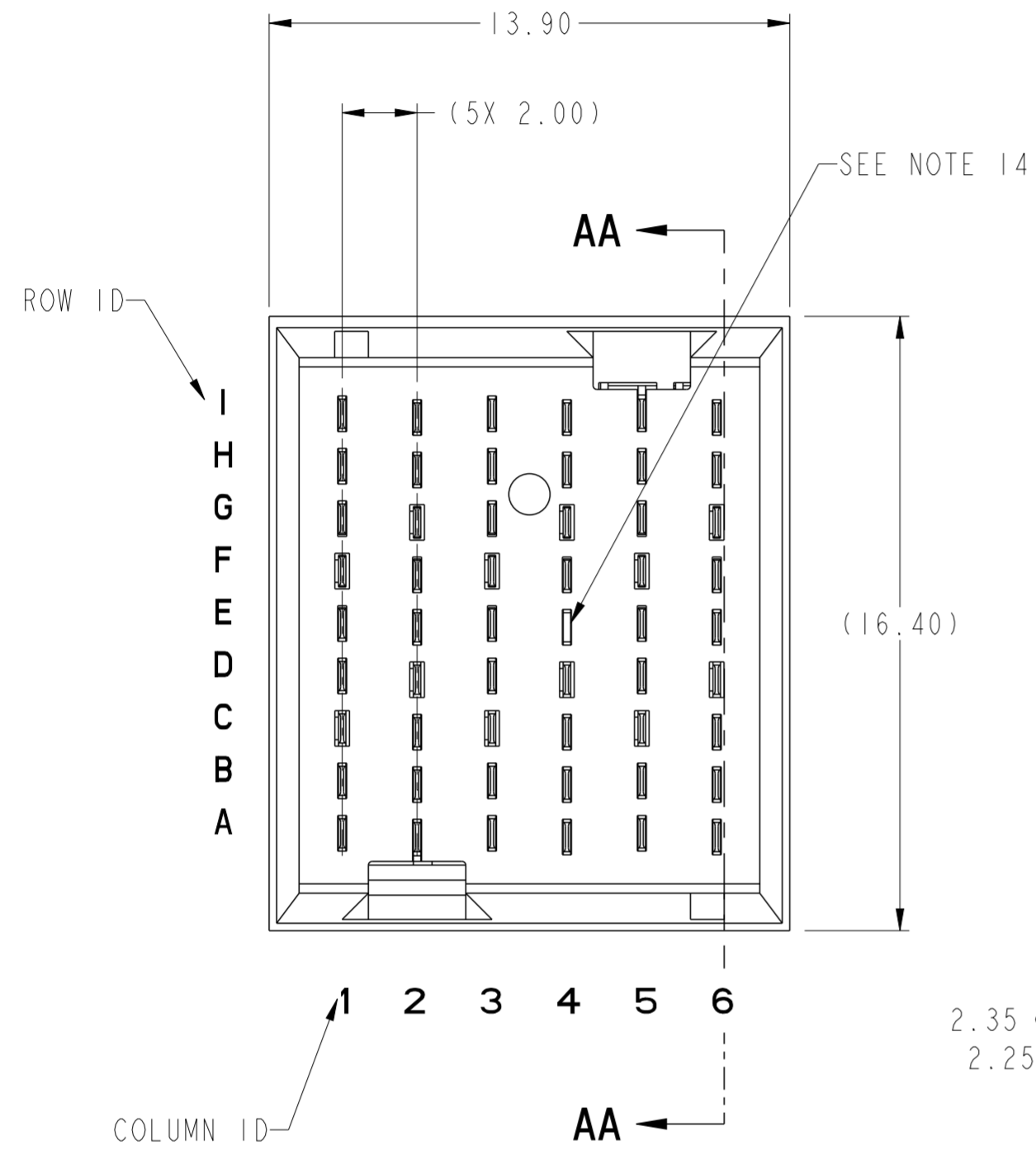
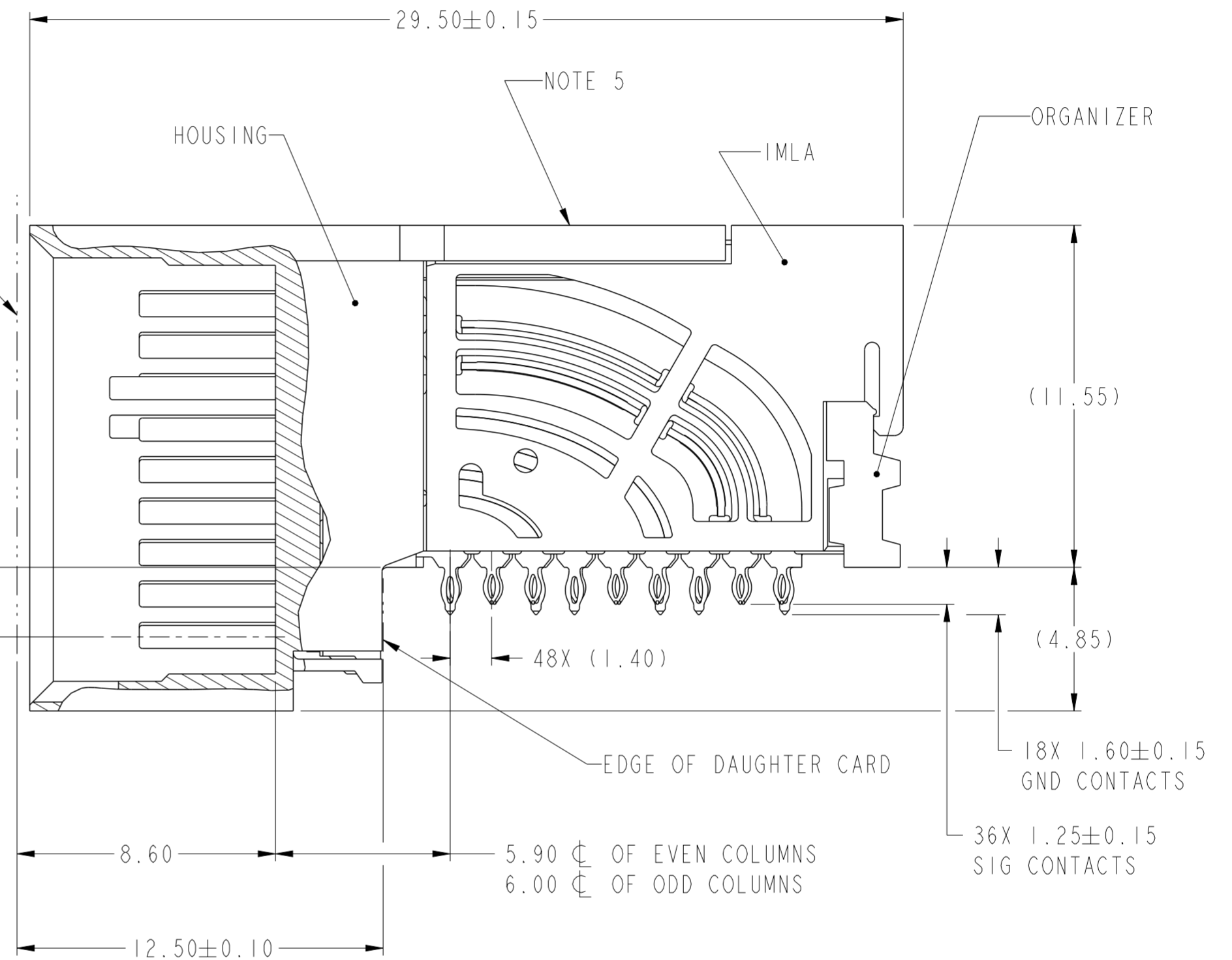


PRODUCT NUMBER
SEE SHEET 3



2.35 ϕ OF EVEN COLUMNS
2.25 ϕ OF ODD COLUMNS



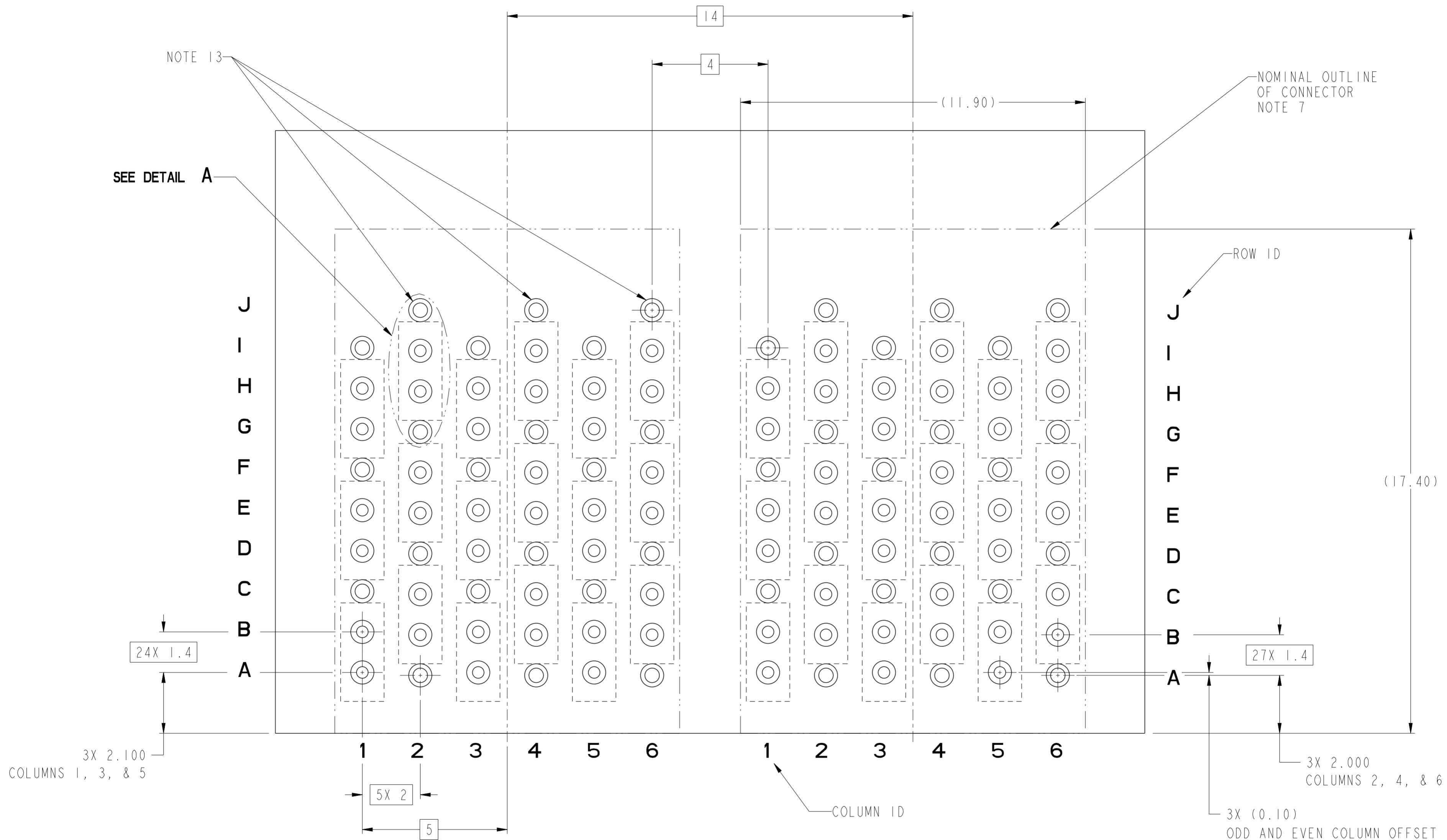
SECTION AA-AA

spec ref	---	dr	Lin-Soe Ngwe	2013/01/23	projection	MM	size	A2	scale	6:1		
tolerance std	ASME Y14.5M	eng	Jackie Chen	2015/02/03			ecn no	ELX-DG-20160-1	rel level	Released		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	app							Collins Lu	2015/02/06
surface	✓	linear	0.X	±.3		title AirMax VS2 R.A. HEADER 3 Pair, 54 pos, 2mm, 6Col, Small Press Fit	dwg no 10124149	rev D	www.fci.com	cat. no. -		
			0.XX	±.10							Product - Customer Draw	sheet 1 of 3
		angular	0°	±2°								

PDS: Rev :D

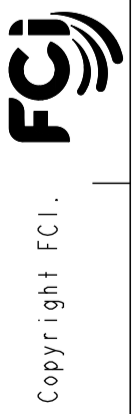
STATUS:Released

Printed: Feb 09, 2015



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

SCALE 10:1



spec ref	---	dr	Lin-Sze Ngwe	2013/01/23	projection	MM	size	A2	scale	8:1					
tolerance std	ASME Y14.5M	eng	Jackie Chen	2015/02/03			ecn no	ELX-DG-20160-1							
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	appr			Collins Lu	2015/02/06	product family	AirMax VS2					
surface	✓	linear	0.X	±.3		title AirMax VS2 R.A. HEADER 3 Pair, 54 pos, 2mm, 6Col, Small Press Fit	dwg no 10124149	rel level Released	rev D	angular 0° ±2°					
			0.XX	±.10							www.fci.com	cat. no.	Product - Customer Drw		sheet 2 of 3
			0.XXX	±.050											

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT	REMARK
10124149-101	TIN/LEAD ALLOY OVER NICKEL	NO	1-SIDE PLATING (CUSTOMER SPECIAL)
10124149-101LF	TIN OVER NICKEL (LEAD FREE)		
10124149-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 14)	
10124149-111LF	TIN OVER NICKEL (LEAD FREE)		
10124149-102	TIN/LEAD ALLOY OVER NICKEL	NO	2-SIDE PLATING
10124149-102LF	TIN OVER NICKEL (LEAD FREE)		
10124149-112	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 14)	
10124149-112LF	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, 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" 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

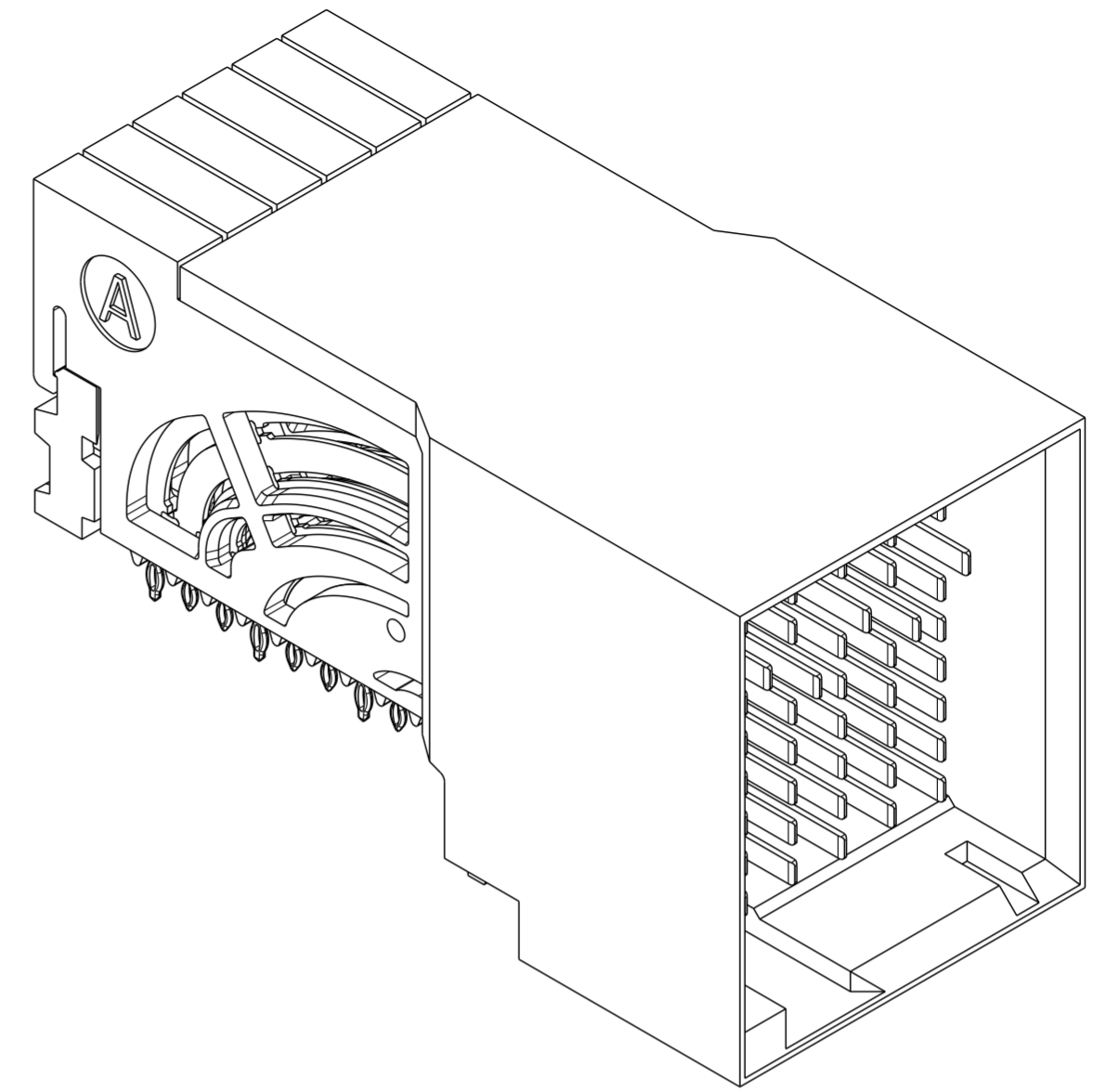
10 - A Δ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE, WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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

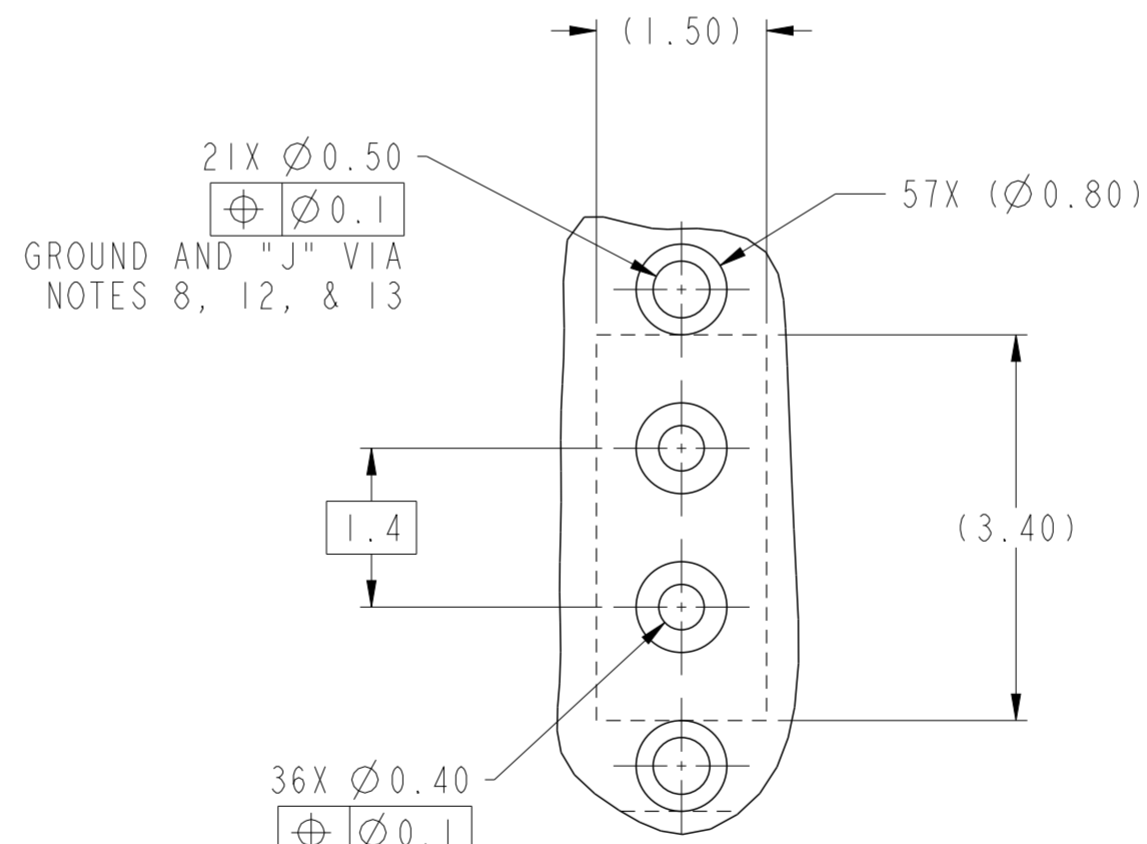
12 - GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE ($\varnothing 0.50$) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE ($\varnothing 0.40$) FINISHED HOLES

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

14 MATING PIN E4 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST PIN.



10124149-101 OR -101LF



DETAIL A SCALE 15:1

Copyright FCI. FCI

spec ref	---	dr	Lin-Soe Ngwe	2013/01/23	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5M	eng	Jackie Chen	2015/02/03	chr	-	ecn no	ELX-DG-20160-1	rel level	Released
surface	✓	appr	Collins Lu	2015/02/06	product family	AirMax VS2	cat. no.	10124149	rev	D
linear	0.X ±.3 0.XX ±.10 0.XXX ±.050	angular	0° ±2°	www.fci.com		title		AirMax VS2 R.A. HEADER 3 Pair, 54 pos, 2mm, 6Col, Small Press Fit		Product - Customer Drw