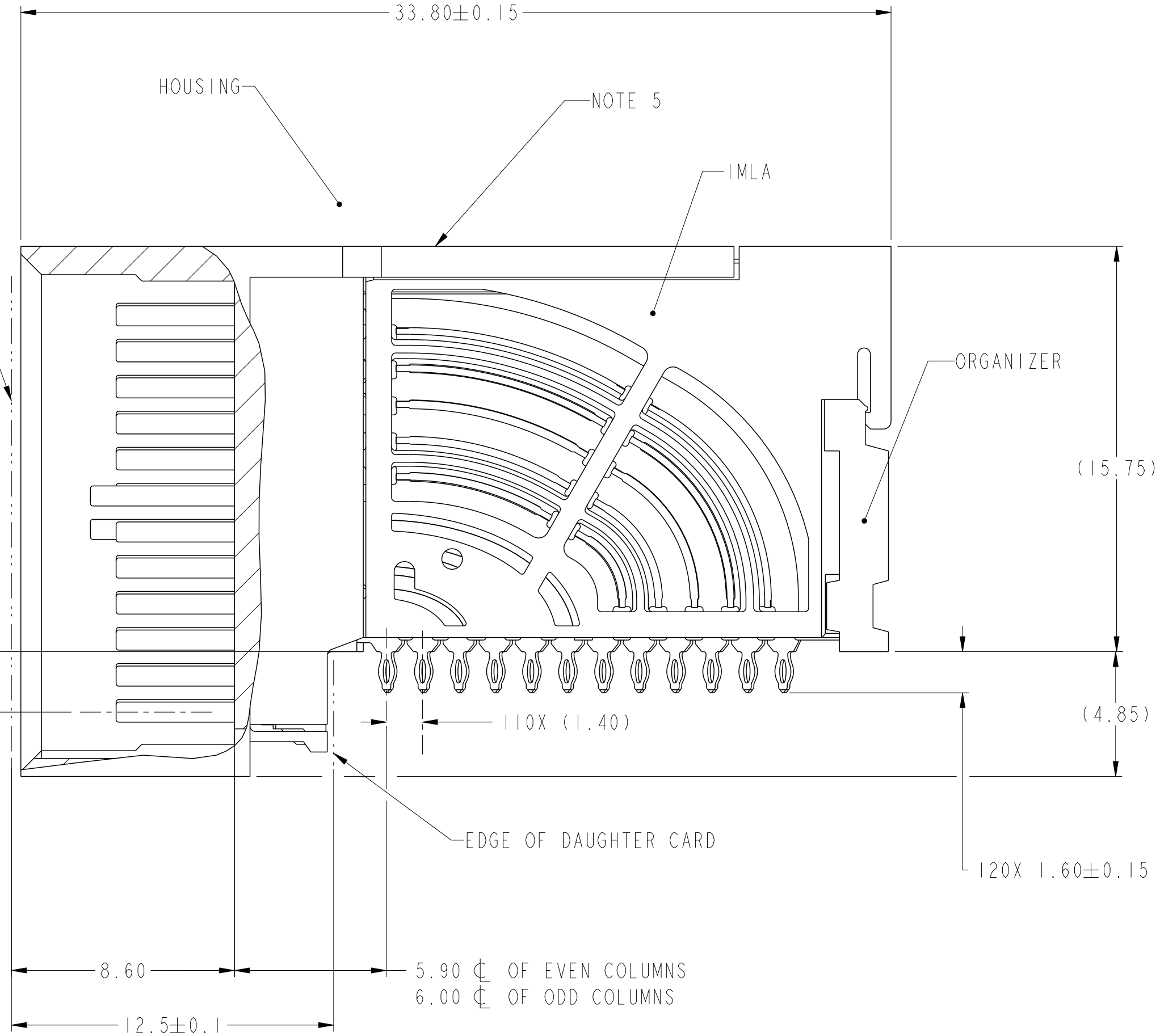
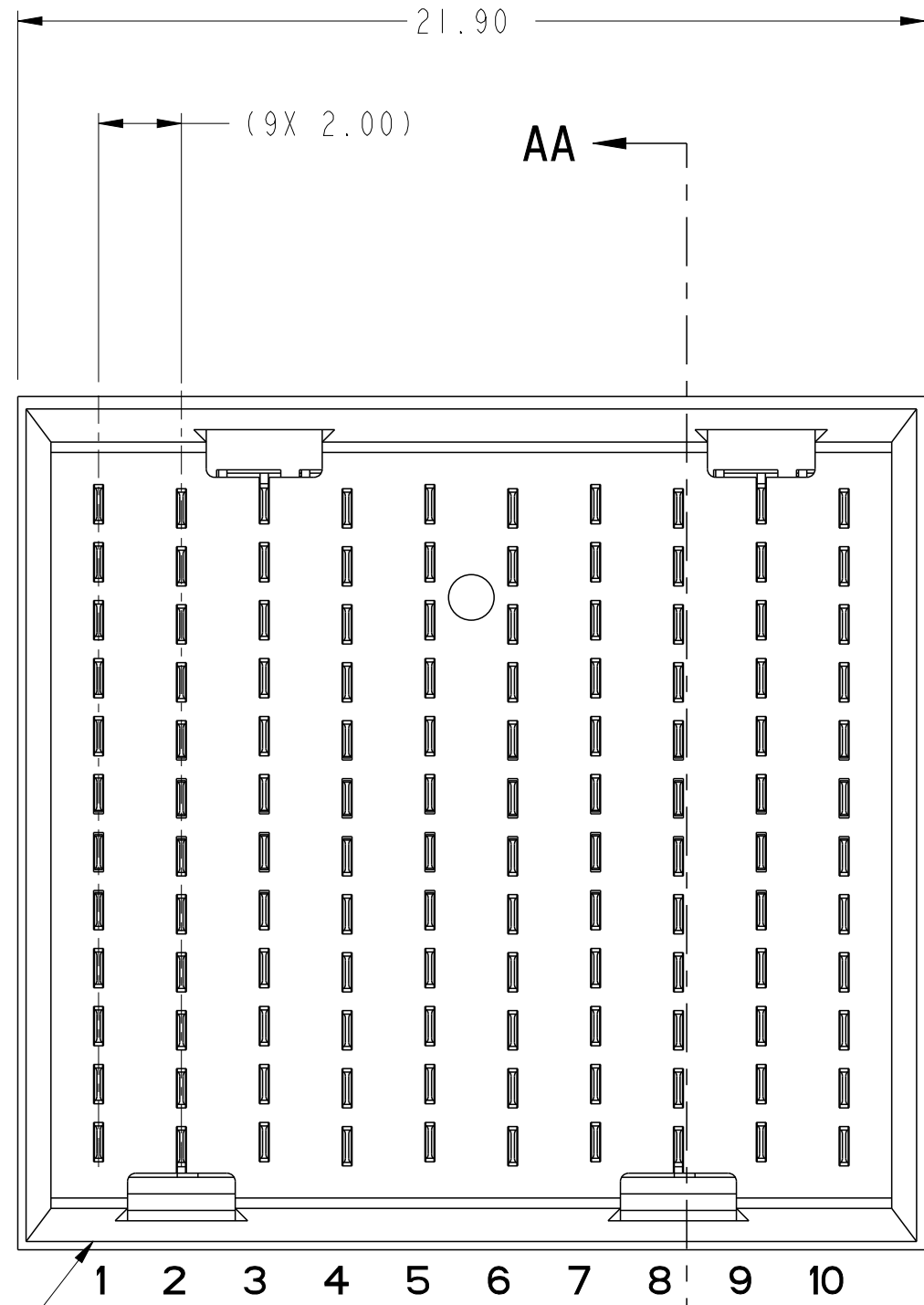
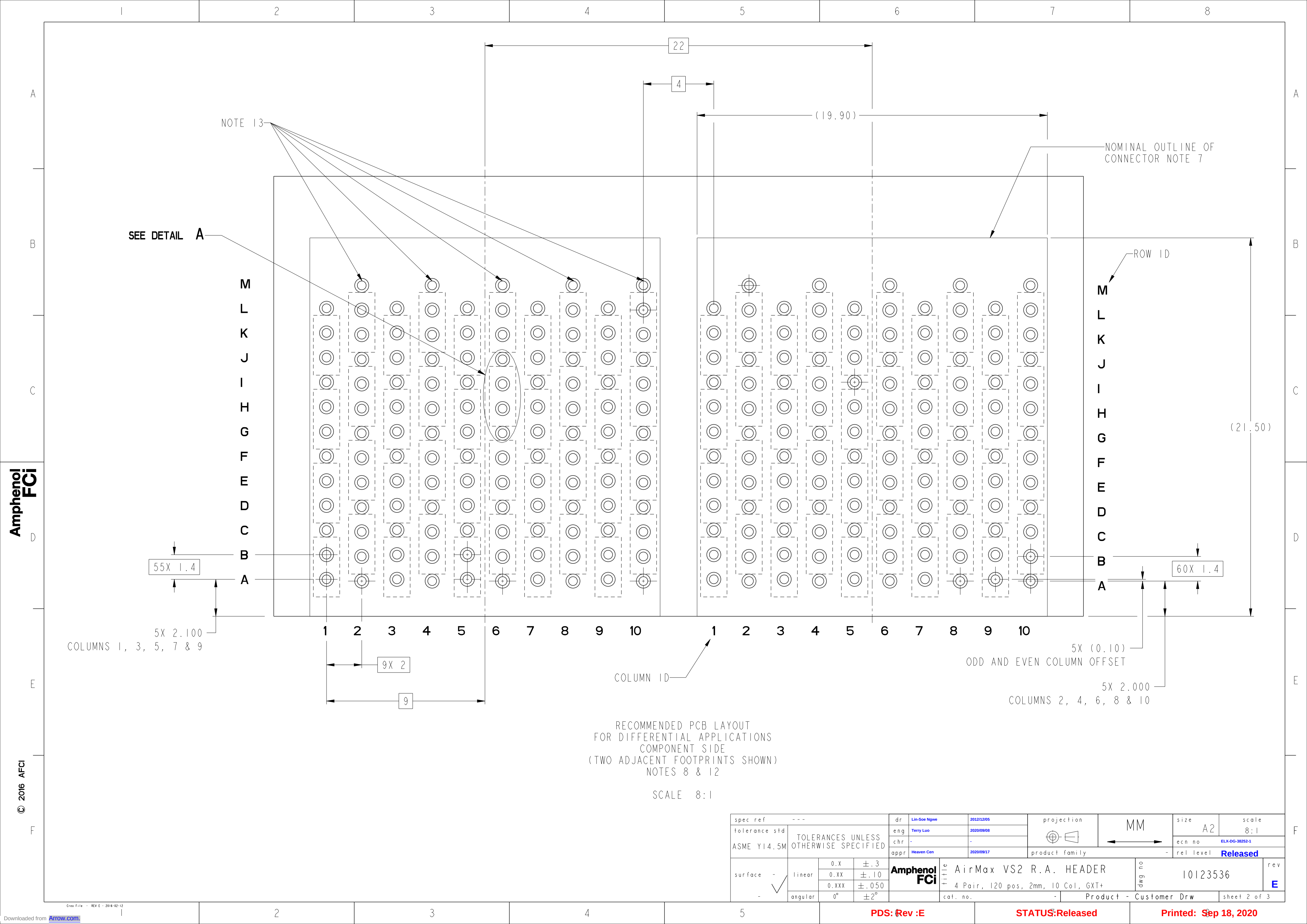


PRODUCT NUMBER
SEE SHEET 3



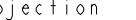
SECTION AA-AA

spec ref	---	dr	Lin-Soe Ngwe	2012/12/05	projection	MM	size	A2	scale	10:1
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/08	chr	-	ecn no	ELX-DG-38252-1	rel level	Released
surface	-	appr	Heaven Cen	2020/09/17	product family	-	rel level	Released	rev	E
linear	0.X ±.3 0.XX ±.10 0.XXX ±.050	Amphenol FCI	title	AirMax VS2 R.A. HEADER			dwg no	10123536		rev
angular	0° ±2°	cat. no.	-	Product - Customer Drw			sheet 1 of 3			



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

SCALE 8:1

spec ref		---		dr	Lin-Soe Ngwe	2012/12/05	projection		MM	size	A2	scale	8:1								
tolerance std		ASME Y14.5M		eng	Terry Luo	2020/09/08					ecn no	ELX-DG-38252-1									
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr	-	-	product family		-	rel level	Released										
surface - ✓				linear		0.X ±.3 0.XX ±.10 0.XXX ±.050		Amphenol FCI		title		AirMax VS2 R.A. HEADER 4 Pair, 120 pos, 2mm, 10 Col, GXT+		dwg no		10123536		rev		E	
-				angular		0° ±2°		cat. no.		-	Product - Customer Drw				sheet 2 of 3						

Amphenol
FCi

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1

PRODUCT NUMBER

10123536-101

TIN/LEAD ALLOY OVER NICKEL

2

PRESS-FIT TAIL PLATING TYPE

3

REMARK

10123536-101LF

TIN OVER NICKEL (LEAD FREE)

10123536-102

TIN/LEAD ALLOY OVER NICKEL

10123536-102LF

TIN OVER NICKEL (LEAD FREE)

1-SIDE PLATING (CUSTOMER SPECIAL)

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:
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  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 (Ø0.50) FINISHED HOLES

13

THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

1

1.50

45X Ø0.50

⊕

Ø0.1

GROUND AND M VIA

NOTES 8 , 12, AND 13

125X (Ø0.80)

⊕

Ø0.1

80X Ø0.50

⊕

Ø0.1

SIGNAL

NOTES 8 & 12

3.40

DETAIL A

SCALE 15:1

10123536-101 OR -101LF

10123536-102 OR -102LF

ONE SIDE PLATING

spec ref

tolerance std

ASME Y14.5M

surface

-

dr

Lin-Soe Ngwe

eng

Terry Luo

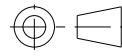
chr

-

appr

Heaven Cen

projection



size

A2

scale

10:1

ecn no

ELX-DG-38252-1

rel level

Released

product family

-

title

AirMax VS2 R.A. HEADER

cat. no.

-

Product

Customer Drw

sheet

3 of 3

0.X

±.3

0.XX

±.10

0.XXX

±.050

linear

0°

angular

±2°

Amphenol
FCi

4 Pair, 120 pos, 2mm, 10 Col, GXT+

dwg no

10123536

rev

E

PDS: Rev :E

STATUS:Released

Printed: Sep 18, 2020

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