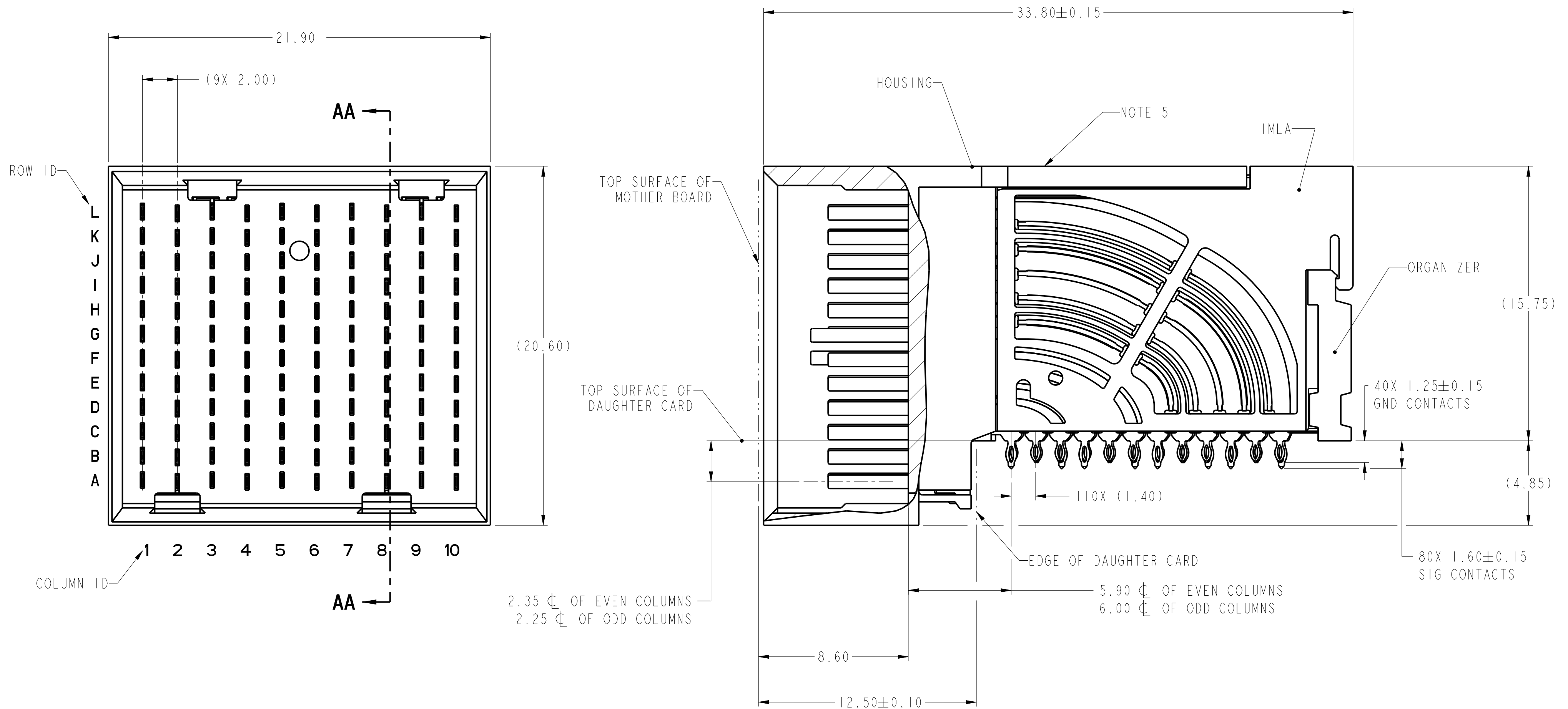


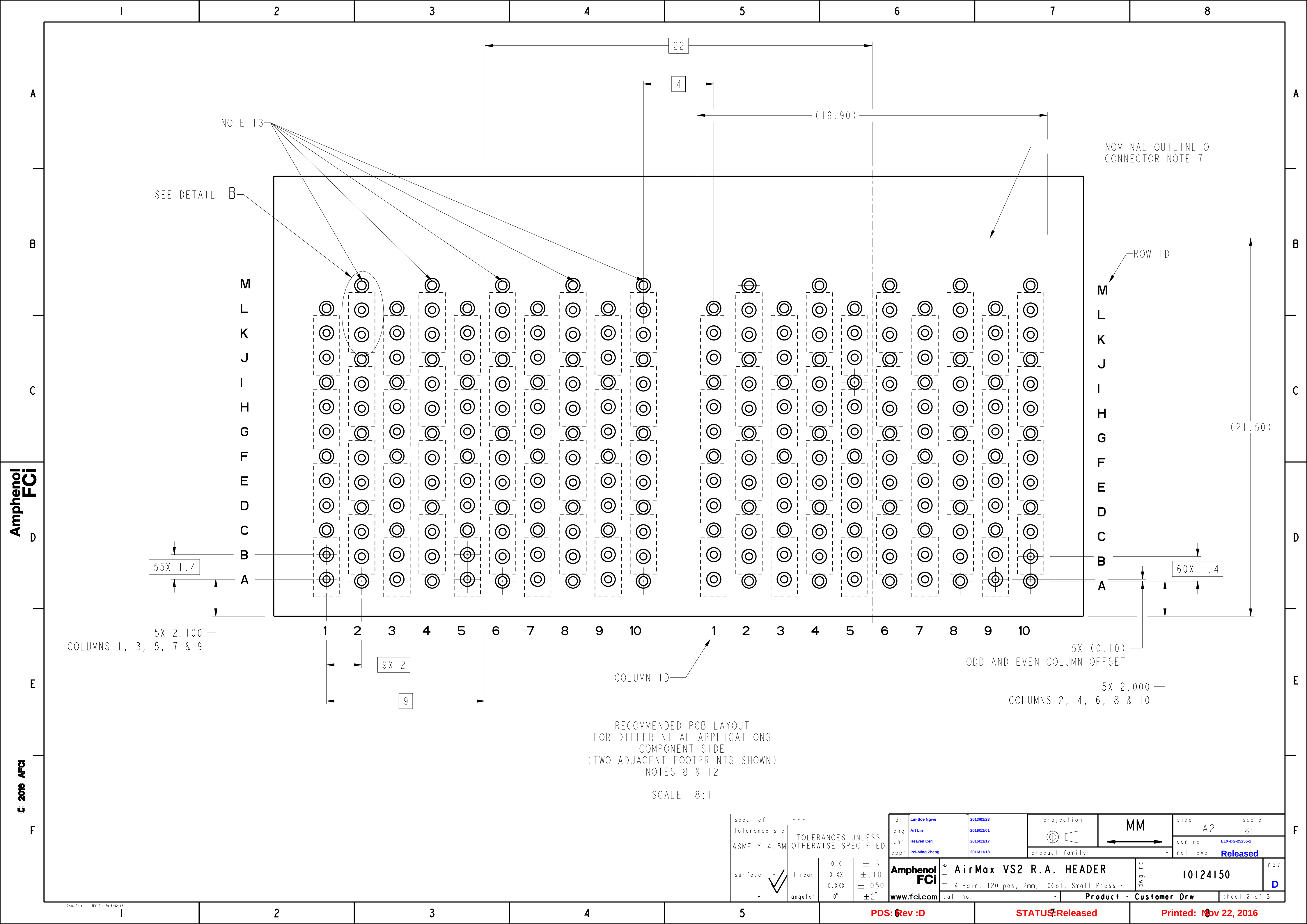
Amphenol FCI

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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		Art Lin		2016/11/01						ecn no		ELX-DG-2525-1							
ASME Y14.5M				chr		Heaven Cen		2016/11/17						appr		Pei-Ming Zheng		2016/11/18		product family		-	
surface 		linear		0.X		±.3		Amphenol FCI		title		AirMax VS2 R.A. HEADER		4 Pair, 120 pos, 2mm, 10Col, Small Press Fit		dwg no		10124150		rev		D	
				0.XX		±.10																	
				0.XXX		±.050																	
-		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 1 of 3							



Amphenol
FCi

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spec ref ---				dr Lin-Soe Ngwe		2013/02/23		projection		MM		size A2		scale 8:1	
tolerance std ASME Y14.5M				eng Art Lin		2016/11/01						ecn no		ELX-DG-25255-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Heaven Cen		2016/11/17						rel level		Released	
				appr Pei-Ming Zheng		2016/11/18		product family				-			
surface		linear		0.X		±.3		Amphenol FCI		title AirMax VS2 R.A. HEADER		dwg no 10124150		rev D	
				0.XX		±.10									
		0.XXX		±.050		www.fci.com									
-		angular 0°		±2°											

PDS: Rev :D

STATUS: Released

Printed: Nov 22, 2016

PRODUCT NUMBER

10124150 -101

PRESS-FIT TAIL PLATING TYPE

TIN/LEAD ALLOY OVER NICKEL

REMARK

1-SIDE PLATING (CUSTOMER SPECIAL)

10124150-101LF

TIN OVER NICKEL (LEAD FREE)

10124150-102

TIN/LEAD ALLOY OVER NICKEL

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 RECCOMEND (Ø0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

45X Ø0.50
GROUND AND M VIA
NOTES 8, 12, AND 13

⊕

⊕

Ø0.1

1.50

125X (Ø0.80)

3.40

80X Ø0.40
SIGNAL
NOTES 8 & 12

⊕

⊕

Ø0.1

DETAIL B

SCALE 16:1

10124150-101 OR -101LF

10124150-102 OR -102LF

I-SIDE PLATING

spec ref

tolerance std

ASME Y14.5M

TOLERANCES UNLESS OTHERWISE SPECIFIED

linear

0.X

±.3

0.XX

±.10

0.XXX

±.050

angular

0°

±2°

surface

✓

dr

Lin-Soe Ngwe

2013/01/23

eng

Art Lin

2016/11/01

chr

Heaven Cen

2016/11/17

appr

Pei-Ming Zheng

2016/11/18

projection

MM

size

A2

scale

10:1

ecn no

ELX-DG-25255-1

rel level

Released

product family

title

AirMax VS2 R.A. HEADER

4 Pair, 120 pos, 2mm, 10Col, Small Press Fit

cat. no.

Product - Customer Drw

sheet 3 of 3

www.fci.com

Amphenol FCI

cat. no.

Product - Customer Drw

sheet 3 of 3

cat. no.

Product - Customer Drw

sheet 3 of 3

PDS: Rev :D

STATUS:Released

Printed: Nov 22, 2016

Mouser Electronics

Authorized Distributor

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