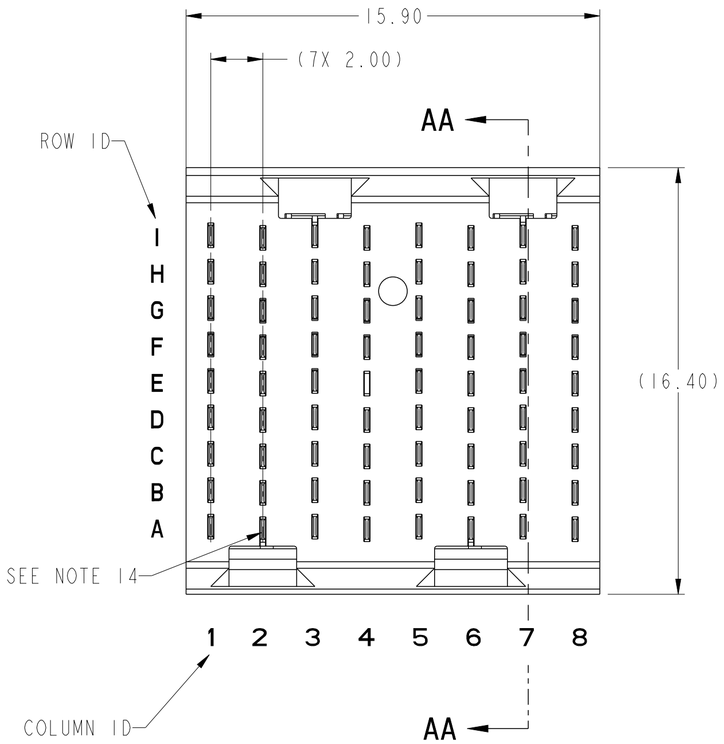
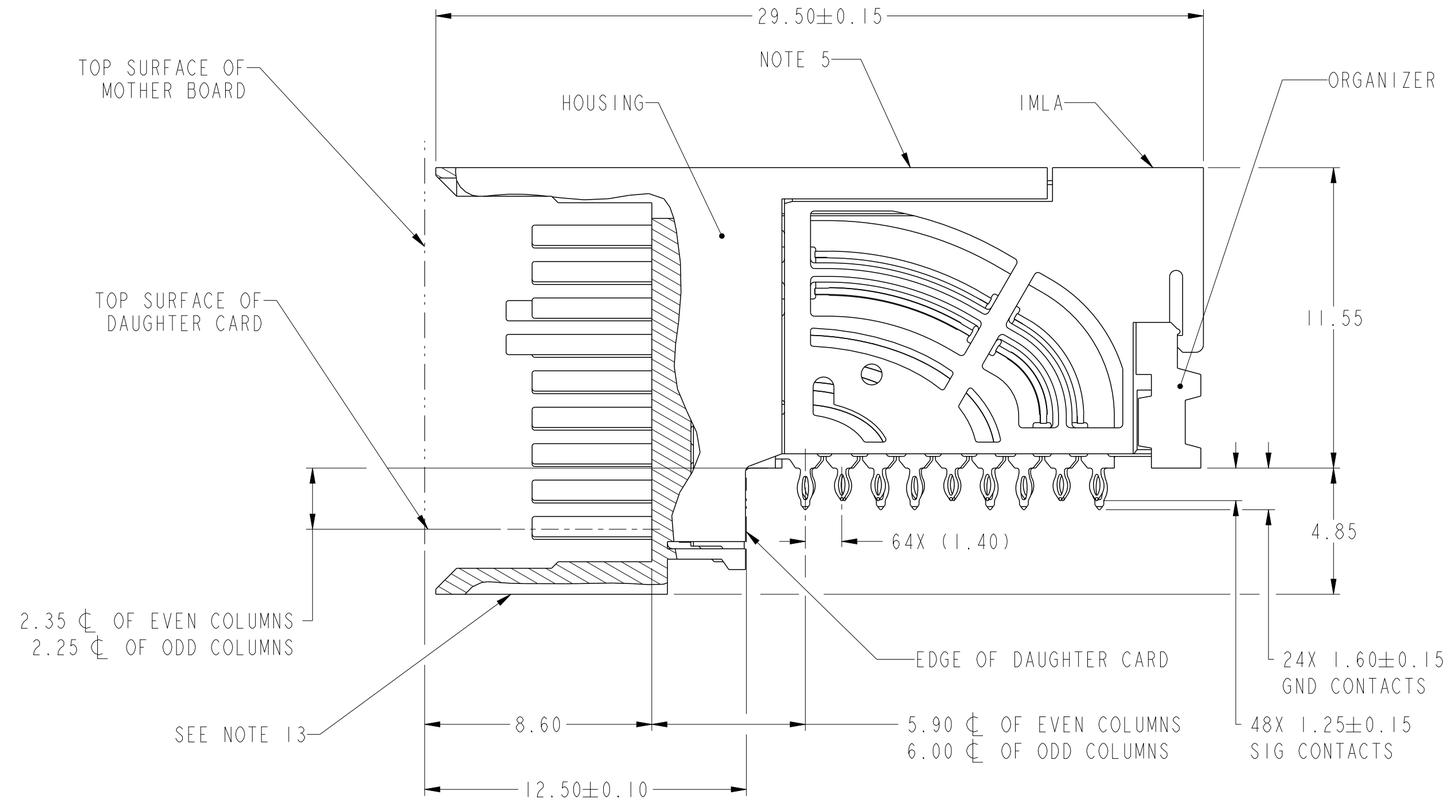
PRODUCT NUMBER
SEE SHEET 3





SECTION AA-AA

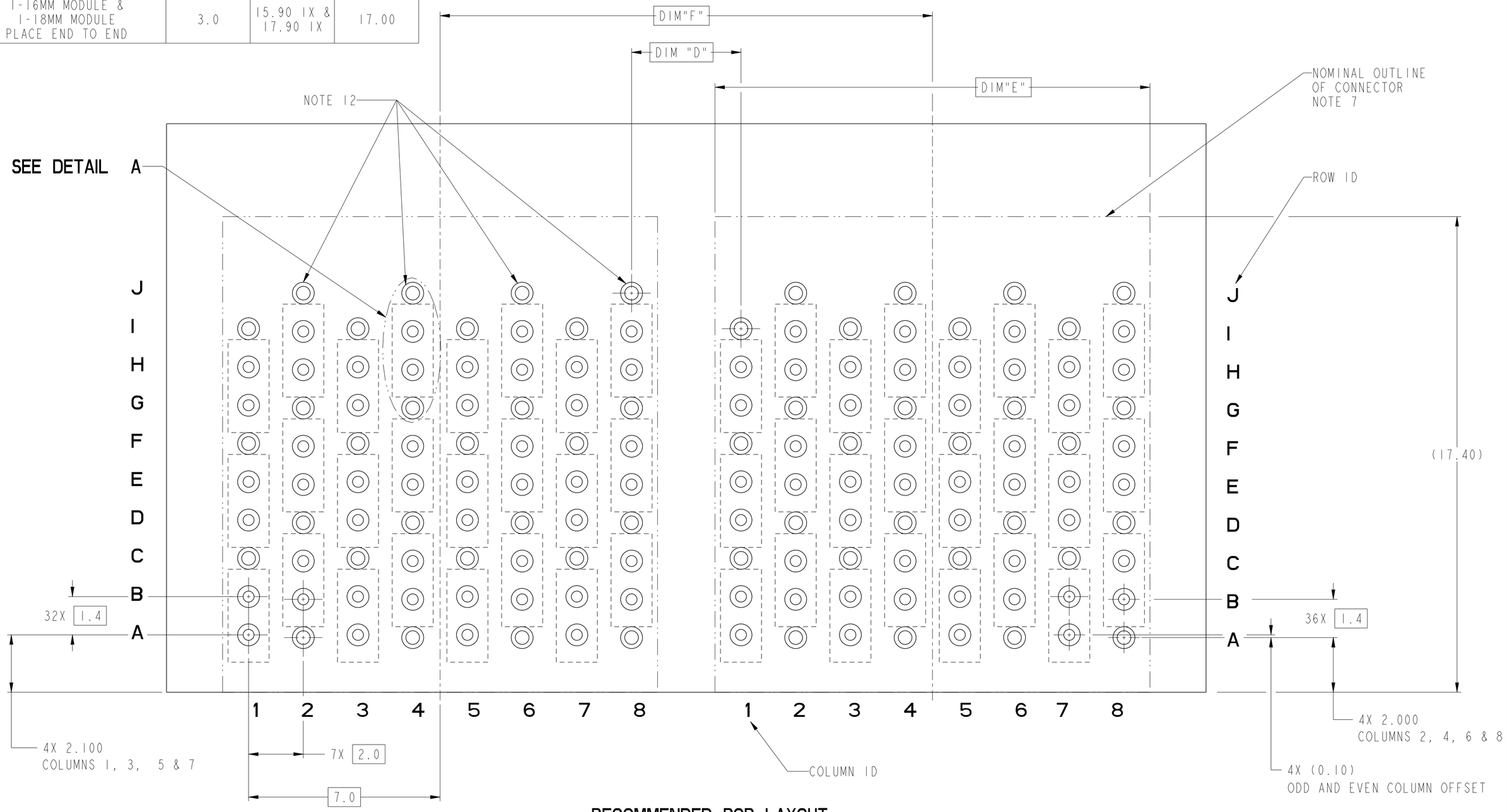
spec ref	- - -			dr	Terry Luo	2019/06/06	projection	MM	size A2 / scale 6:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Terry Luo	2022/11/25			ecn no -
				chr	-	-			
				appr	Heaven Cen	2022/11/25	product family	AirMax VS2	rel level Released
surface - ASME Y14.5M	linear	0.X	±.3	Amphenol FCi	title	AirMax VS2 R.A. HEADER			dwg no 10153321 / rev A
		0.XX	±.10			Ass'y, 3 Pair, 72 pos, 8 IMLA, 2 WALL, SML PF			
		0.XXX	±.050						
	angular	0°	±2°		cat. no. -		Product - Customer Drw		sheet 1 of 3

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Printed: Nov 25, 2022

DESCRIPTION	DIM "D"	DIM "E"	DIM "F"
2-16MM MODULES PLACED END TO END	2.0	15.90 2X	16.00
1-16MM MODULE & 1-18MM MODULE PLACE END TO END	3.0	15.90 1X & 17.90 1X	17.00



RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 8 & 11
SCALE 10:1

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spec ref	---			dr	Terry Luo	2019/06/06	projection	MM	size A2 / scale 8:1
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Terry Luo	2022/11/25			ecn no -
				chr	-	-			
				appr	Heaven Cen	2022/11/25	product family	AirMax VS2	rel level Released
surface - ASME Y14.5M	linear	0.X	±.3	Amphenol FCi	title	AirMax VS2 R.A. HEADER			dwg no 10153321 / rev A
		0.XX	±.10			Ass'y, 3 Pair, 72 pos, 8 IMLA, 2 WALL, SML PF			
		0.XXX	±.050						
	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 2 of 3

PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT	REMARK
10153321-101LF	TIN OVER NICKEL (LEAD FREE)	NO	1-SIDE PLATING
10153321-102LF	TIN OVER NICKEL (LEAD FREE)	NO	2-SIDE PLATING
10153321-112LF	TIN OVER NICKEL (LEAD FREE)	YES (SEE NOTE 14)	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, (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

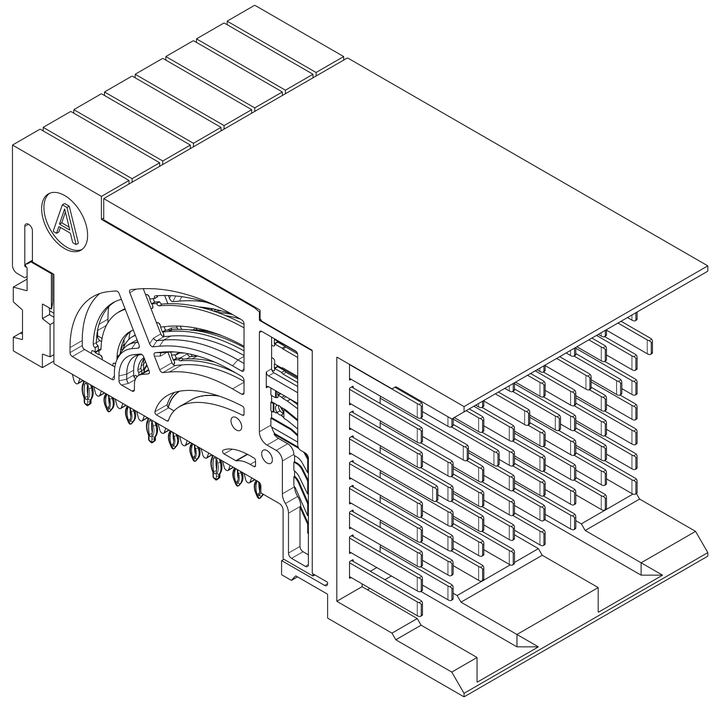
10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

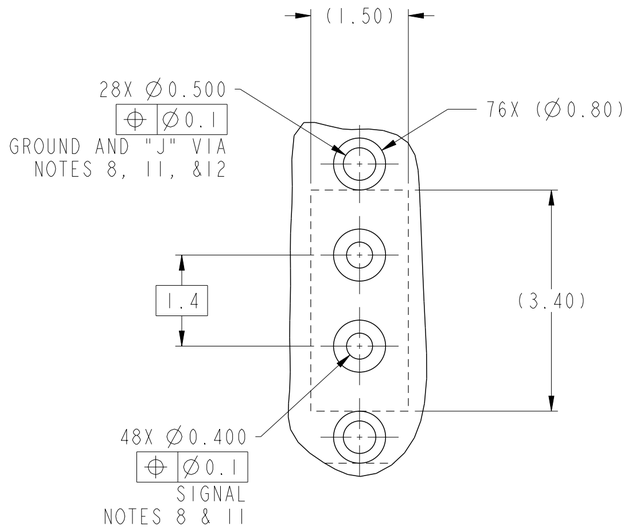
(11)- GROUND CONTACTS (C, F, & I IN ODD COLUMNS AND A, D, & G IN EVEN COLUMNS) REQUIRE (∅0.50) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (∅0.40) FINISHED HOLES

(12)- THESE OUTER VIAS (J) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES WE RECCOMMEND (∅0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB.

(13) THE HOUSING WALL IS WEAK, IT CAN'T WITHSTAND THE FORCE MORE THAN 10N.

(14)- MATING PIN A2 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST PIN.





DETAIL A
SCALE 15:1

10153321-101LF
10153321-102LF

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spec ref	---		dr	Terry Luo	2019/06/06	projection	MM
tolerance std ASME Y14.5M	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Terry Luo	2022/11/25		
			chr	-	-		
			appr	Heaven Cen	2022/11/25	product family	AirMax VS2
surface -	linear	0.X ±.3	Amphenol FCi	title	AirMax VS2 R.A. HEADER	dwg no	10153321
		0.XX ±.10			Ass'y, 3 Pair, 72 pos, 8 IMLA, 2 WALL, SML PF		
		0.XXX ±.050			cat. no. -	Product - Customer Drw	
ASME Y14.5M	angular	0° ±2°					

size	scale
A2	5:1
ecn no	-
rel level	Released
rev	A
sheet 3 of 3	

Cres File:ELX-WC-A2C,REV F,2020-12-21

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