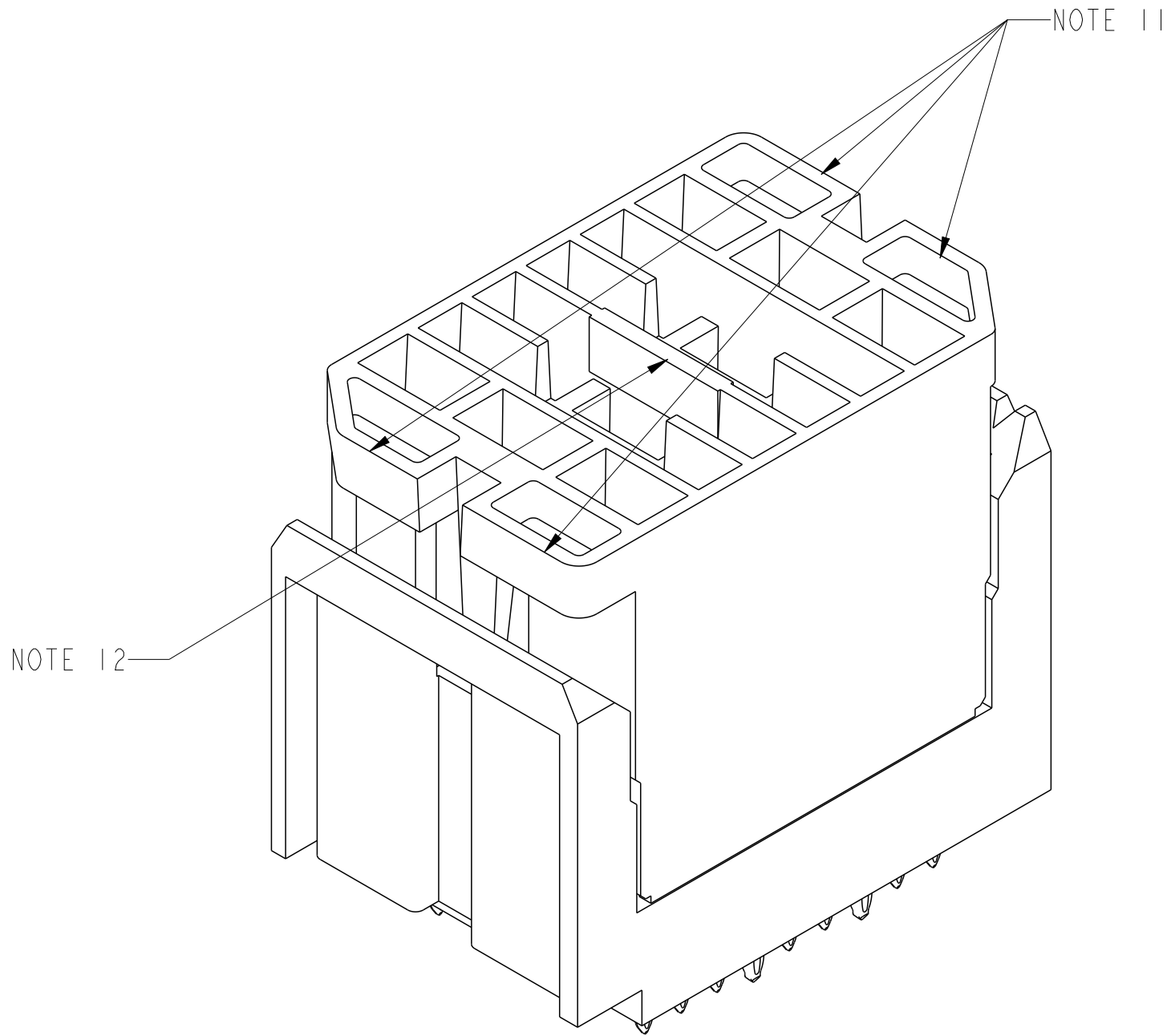
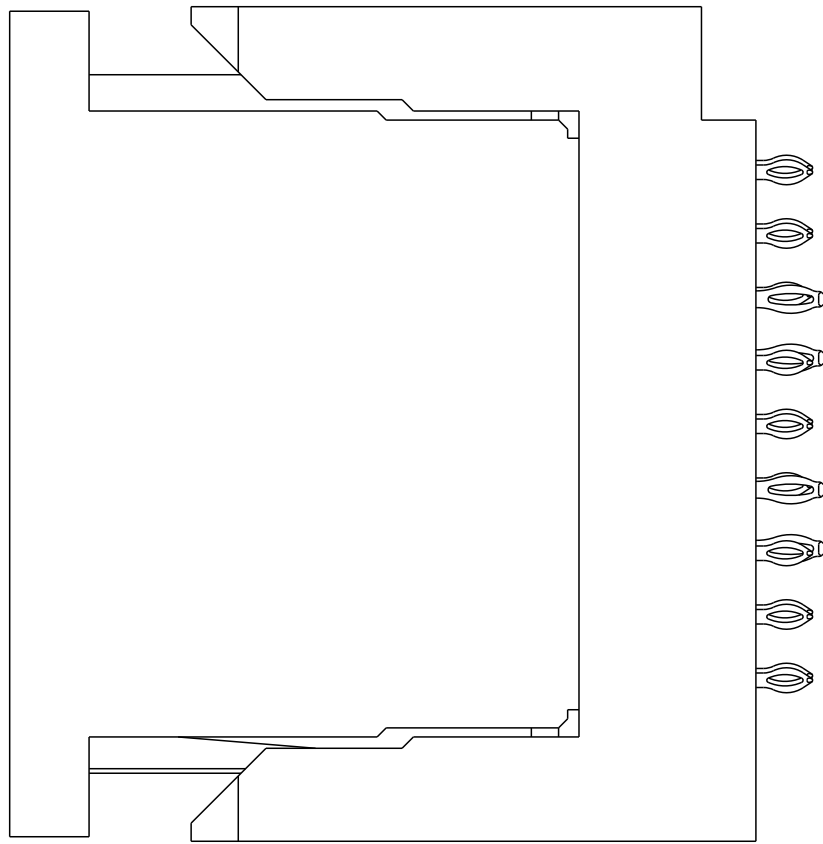
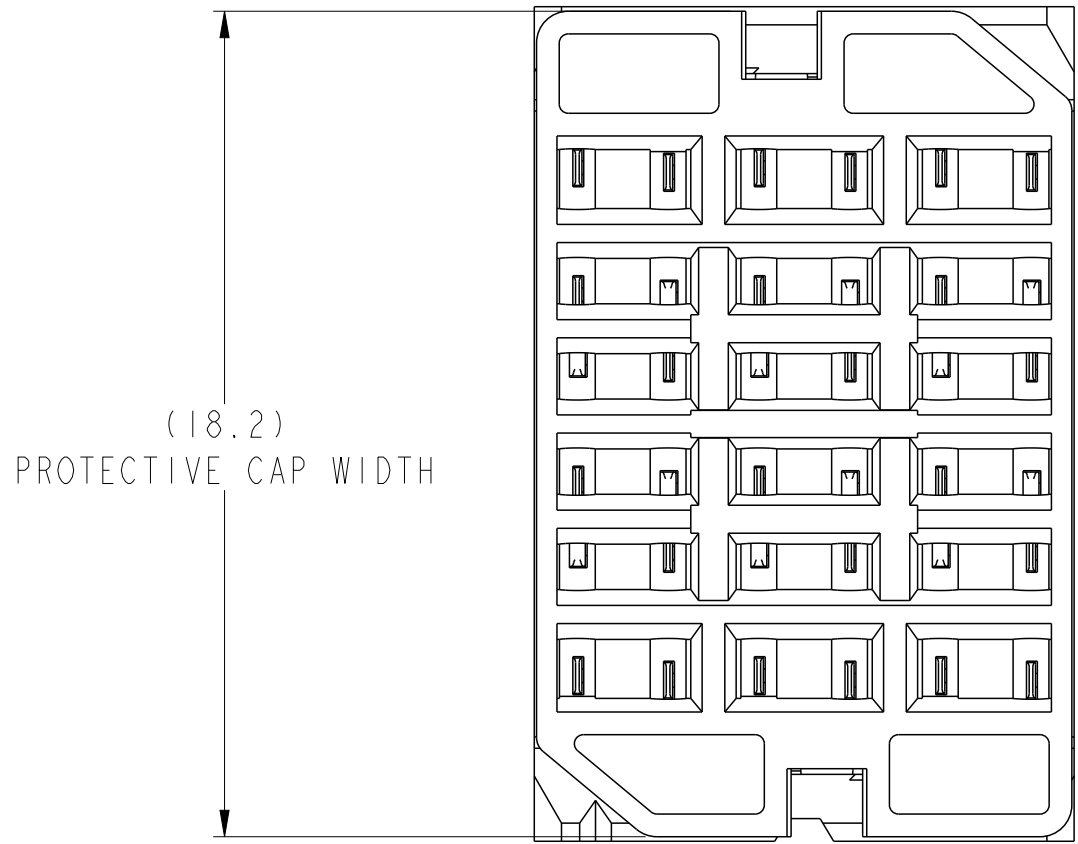
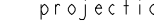
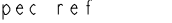
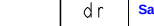




VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10123358-101LF & 111LF & 121LF

Amphenol
FCi

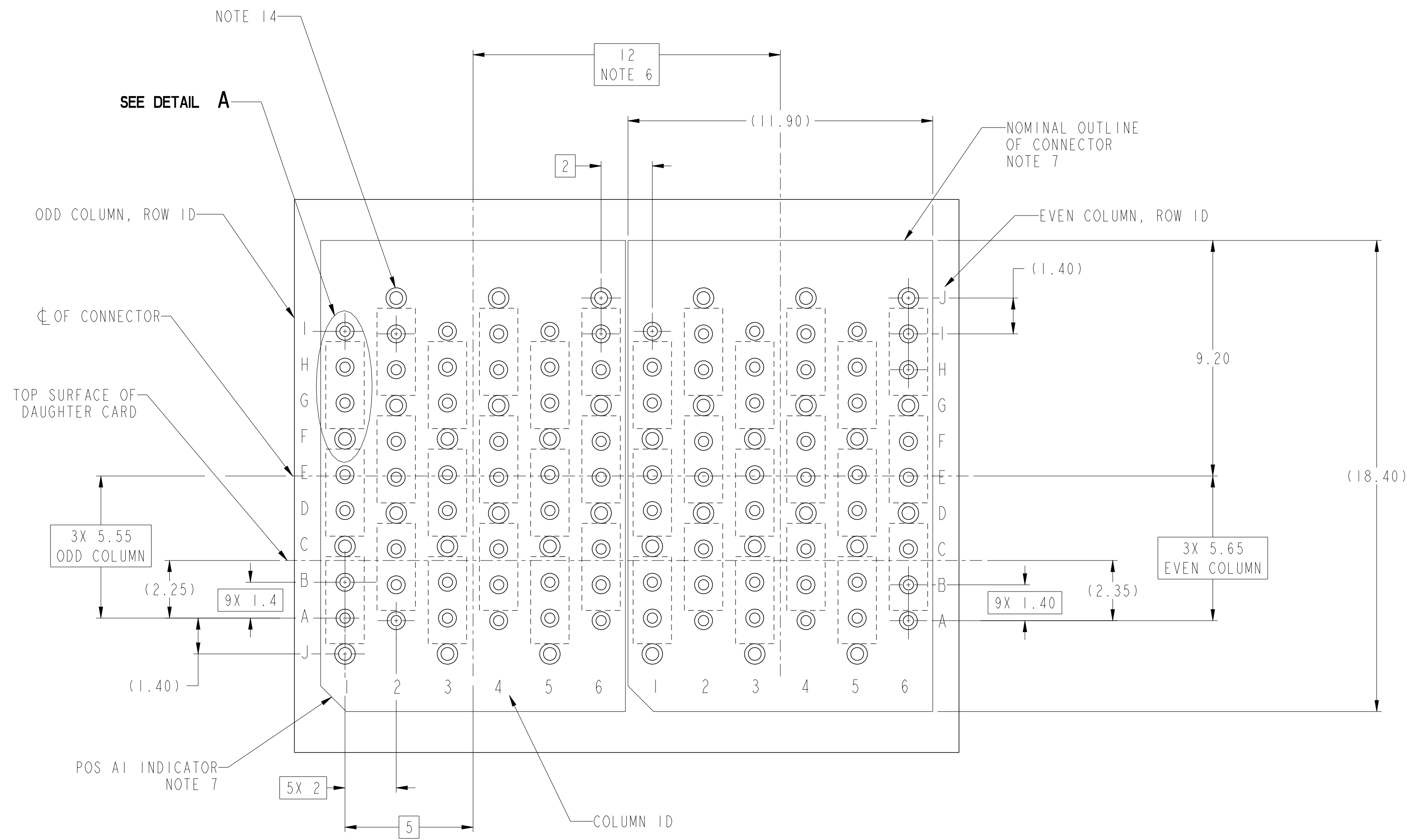
© 2016 AFCi

spec ref -				dr Sander Soe 2012/11/12				size A2	scale 5:1			
tolerance std ASME Y14.5				eng Terry Luo 2020/09/08				ecn no ELX-DG-38252-1	rel level Released			
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr -								
				appr Heaven Cen 2020/09/17								
product family AIRMAX VSe												
						title AIRMAX VSE VERTICAL HEADER		dwg no 10123358		rev D		
											0.X ±0.3	
											0.XX ±0.10	
											0.XXX ±0.050	
ASME Y14.5		angular 0° ±2°		cat. no. -		Product - Customer Drw			sheet 2 of 4			

PDS: Rev :D

STATUS:Released

Printed: Sep 18, 2020



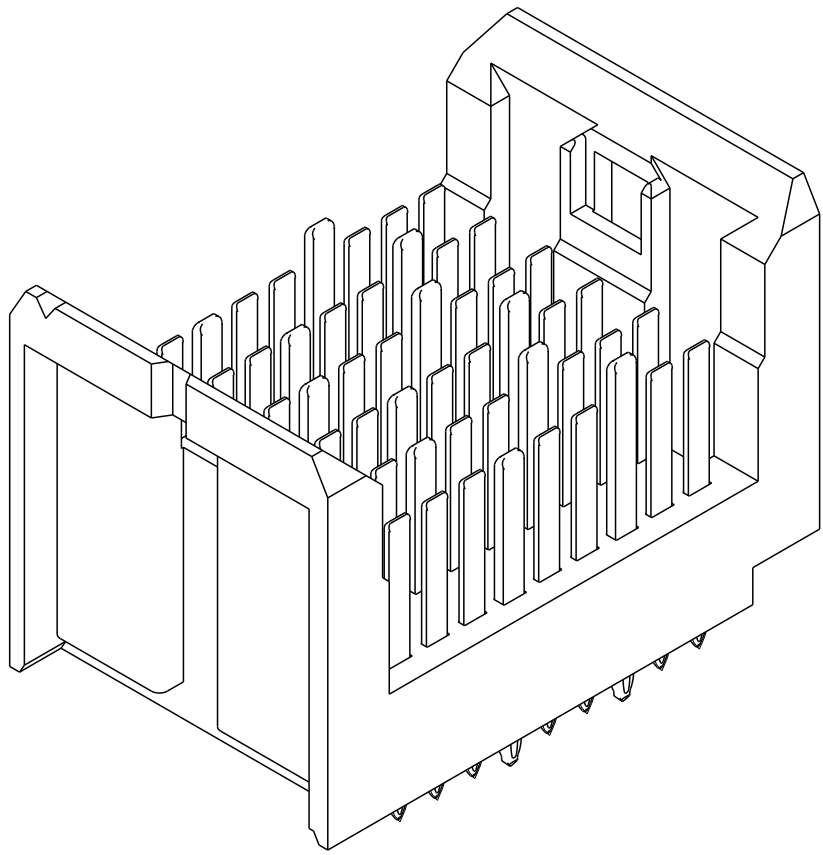
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, AND 8

spec ref -		dr Sander Soe		2012/11/12	projection 	MM 	size A2	scale 3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Terry Luo	2020/09/08			ecn no ELX-DG-38252-1	
ASME Y14.5			chr -	-			rel level Released	
-			appr Heaven Cen	2020/09/17			product family AIRMAX VSe	
surface -	linear	0.X ±0.3	Amphenol FCI	title AIRMAX VSE VERTICAL HEADER		dwg no 10123358	rev D	
ASME Y14.5		0.XX ±0.10						
		0.XXX ±0.050						
	angular	0° ±2°	cat. no. -	Product- Customer Drw		sheet 3 of 4		

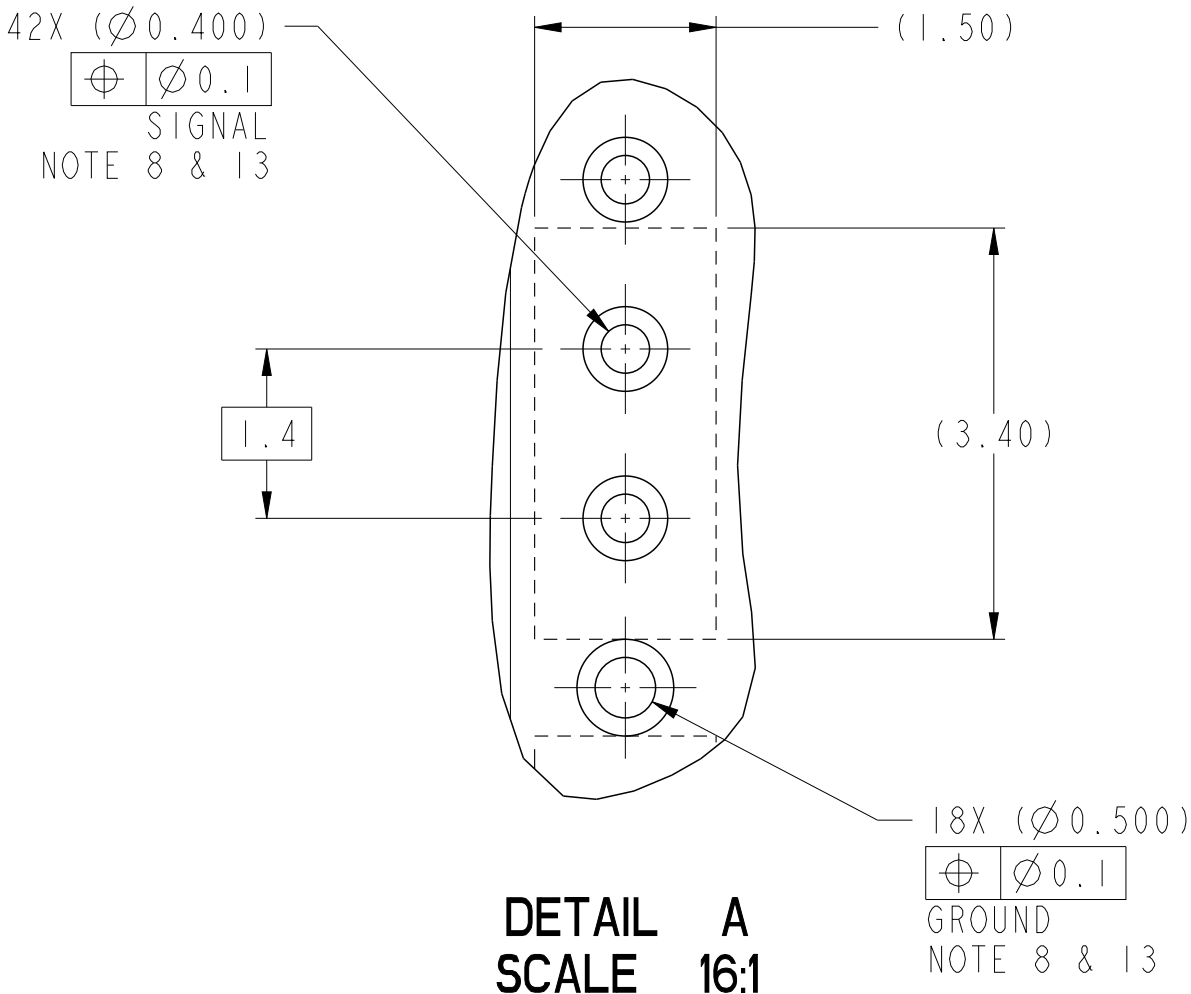
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	DETECTION PIN LOCATION	LONG GROUND PIN LOCATIONS (5.6MM)	REMARKS
10123358-101LF	TIN OVER NICKEL (LEAD FREE)	YES	N/A	F1, F3, F5 G2, G4, G6	2-SIDED PLATING
10123358-111LF		YES	H3		
10123358-121LF		YES	E3		

NOTES:

1. CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
2. CONTACT PLATING:
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-239 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
PRESS-FIT TAILS: SEE TABLE
3. PRODUCT SPECIFICATION: GS-12-239.
4. APPLICATION SPECIFICATION: GS-20-035.
5. PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
6. THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 12.0 mm.
7. CONNECTOR OUTLINE WITH HOUSING POS AI INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
8. REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
9. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
10. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
11. FOR REMOVAL OF THE PROTECTIVE CAP BY HAND, GRIP USING THESE SURFACES.
12. FOR REMOVAL OF THE PROTECTIVE CAP WITH PLIERS, GRIP USING THIS FEATURE.
13. GROUND VIAS IN POSITIONS C, F, & J FOR ODD COLUMNS AND POSITIONS D, G, & J FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.
14. THE OUTER VIAS IN COLUMN J ARE OPTIONAL. IF ADDED THESE HOLES PROVIDE GROUND SYMETRY THROUGH THE PCB. NO CONNECTOR EONS WILL BE PRESSED INTO THESE HOLES.
15. MATING PIN E3 & H3 IS 0.5mm LESS WIPE NOMINAL THAN THE SHOREST PIN.



10123358-101LF WITHOUT PROTECTIVE COVER



spec ref -			dr Sander Soe		2012/11/12				size A2	scale 5:1				
tolerance std ASME Y14.5			eng Terry Luo		2020/09/08				ecn no ELX-DG-38252-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED			chr -		-									
			appr Heaven Cen		2020/09/17									
product family AIRMAX VSe							rel level Released							
surface - ASME Y14.5			linear		0.X ±0.3		Amphenol FCI		title AIRMAX VSE VERTICAL HEADER		drawing no 10123358		rev D	
					0.XX ±0.10									
					0.XXX ±0.050									
					angular 0° ±2°									
cat. no. -			Product - Customer Drw			sheet 4 of 4								