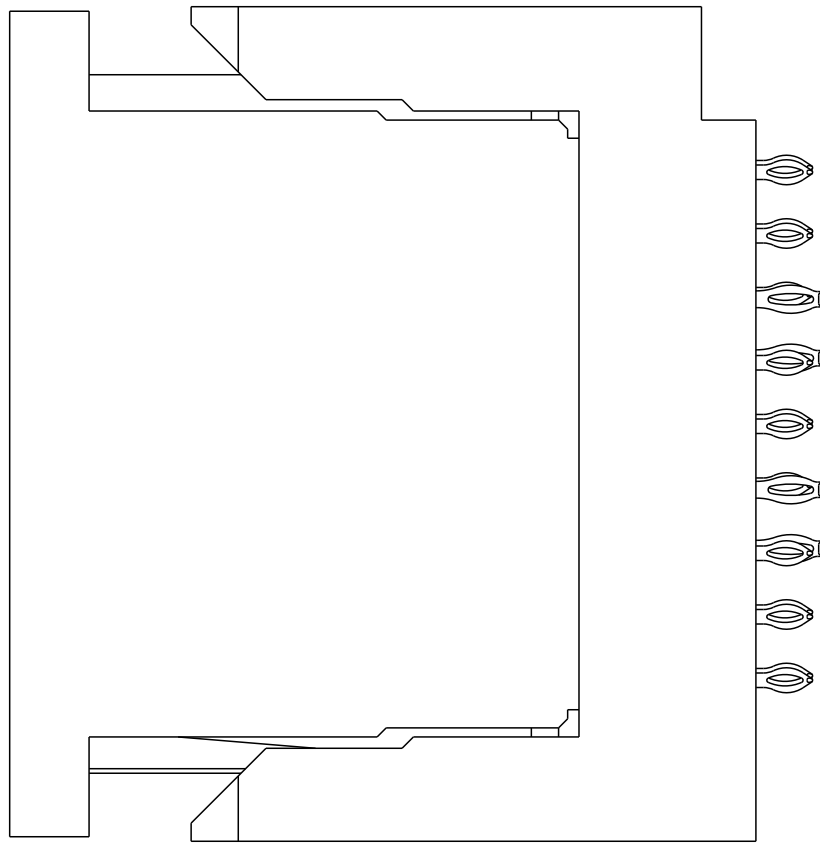
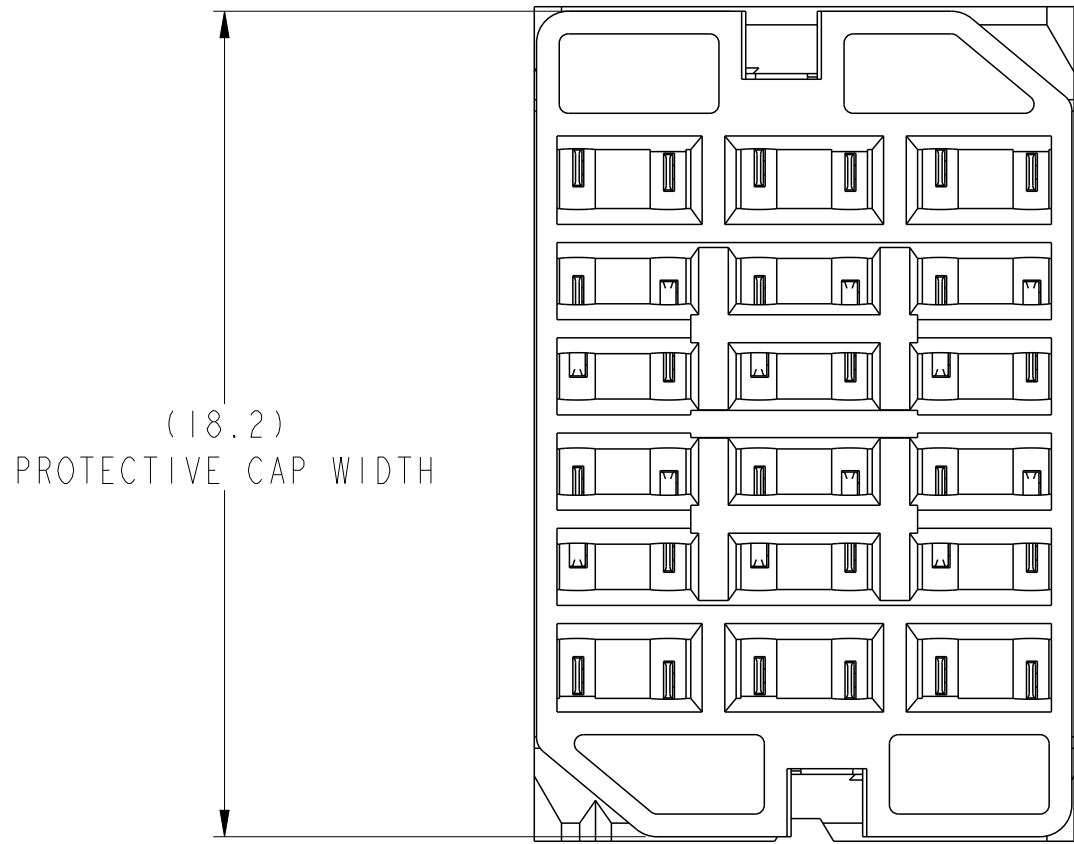
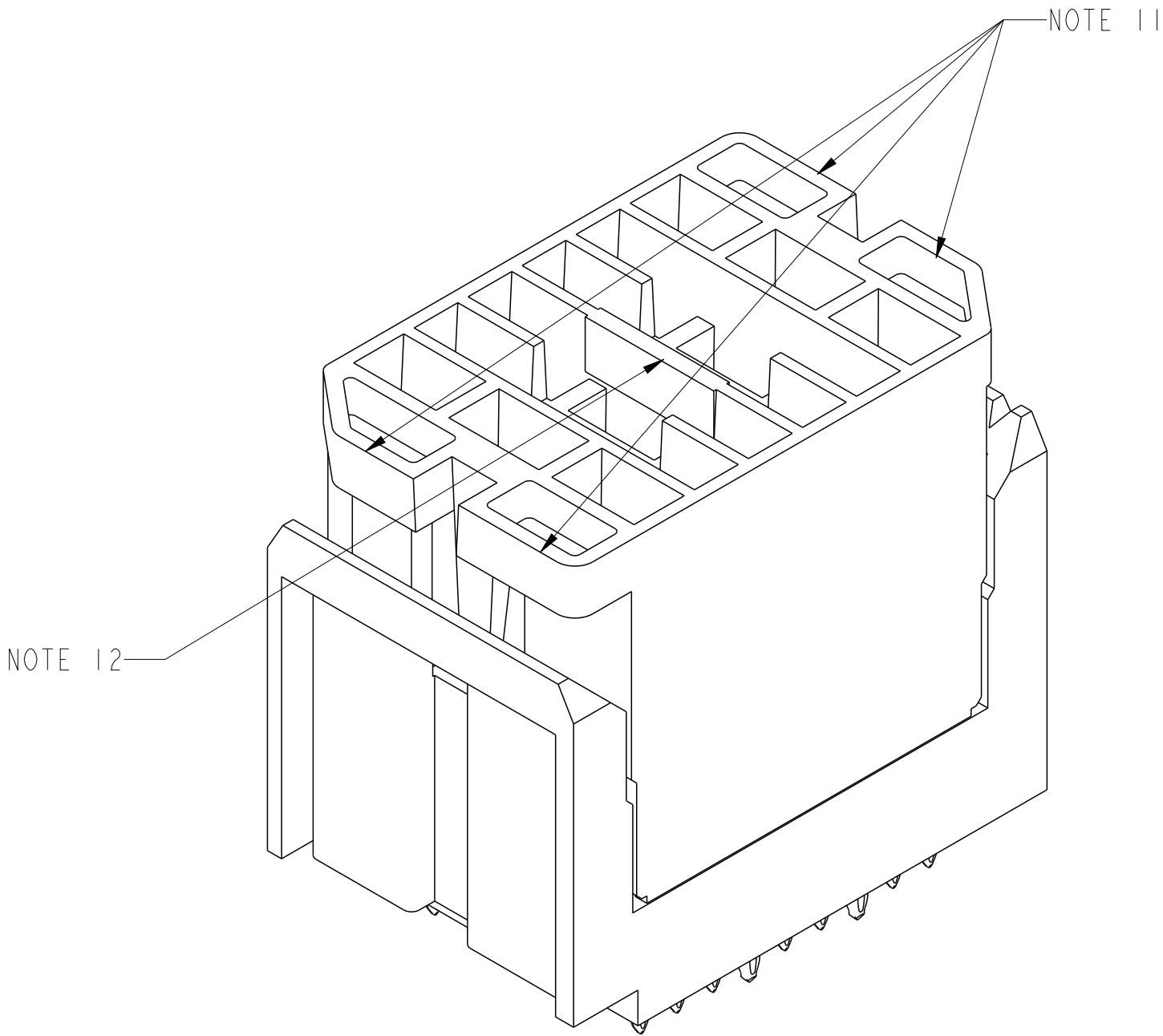




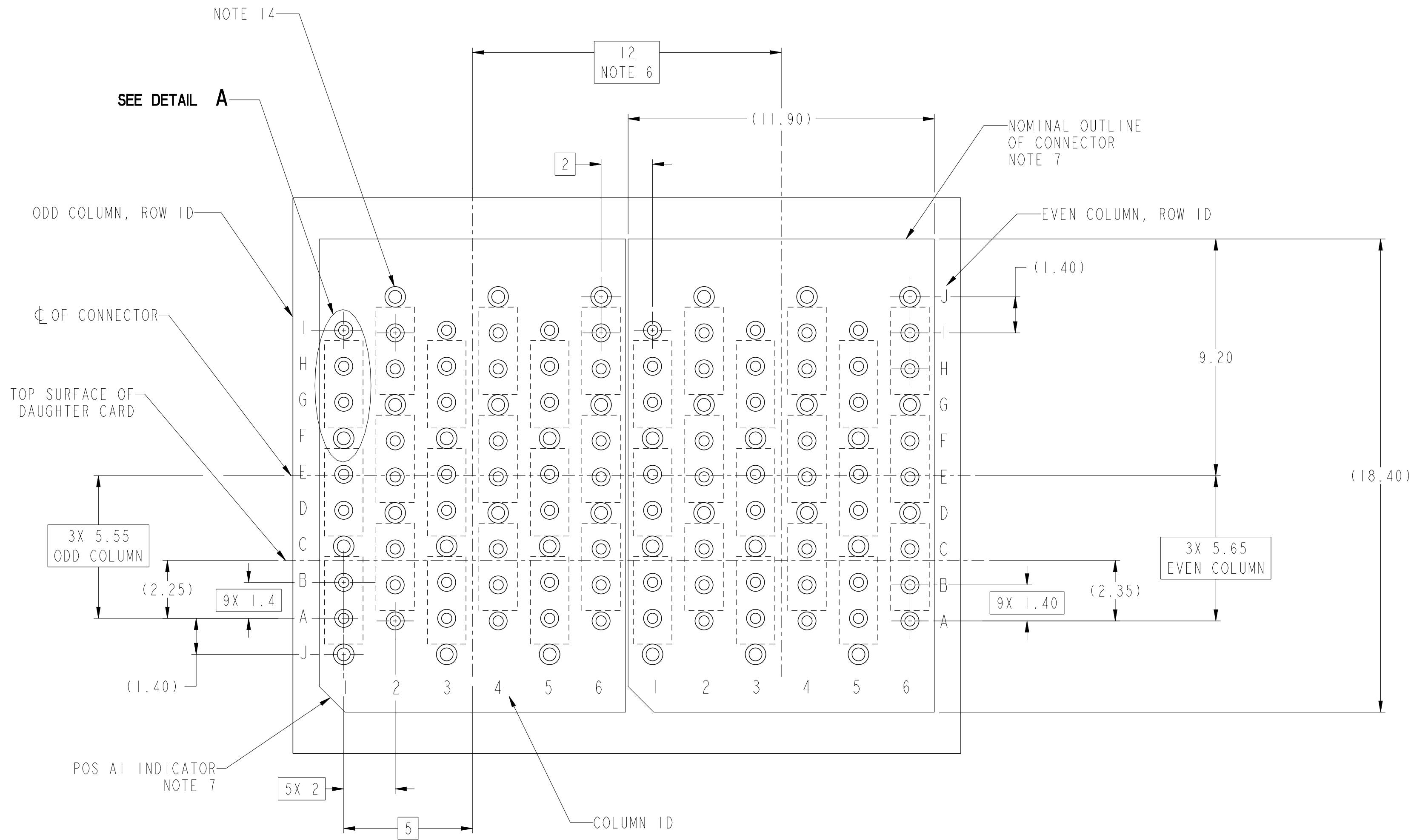
VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10123358-101LF & 111LF & 121LF



spec ref -				dr Sandar Soe		2012/11/12		projection	MM	size A2		scale 5:1	
tolerance std				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 - ASME Y14.5		linear		0.X ±0.3 0.XX ±0.10 0.XXX ±0.050		Amphenol FCI		title AIRMAX VSE VERTICAL HEADER 3 PAIR 54 POS 2MM 6 COL SMALL PRESS FIT,GXT		dwg no 10123358		rev D	
ASME Y14.5		angular 0°		±2°		cat. no. -		Product - Customer Drw				sheet 2 of 4	

Amphenol FCI

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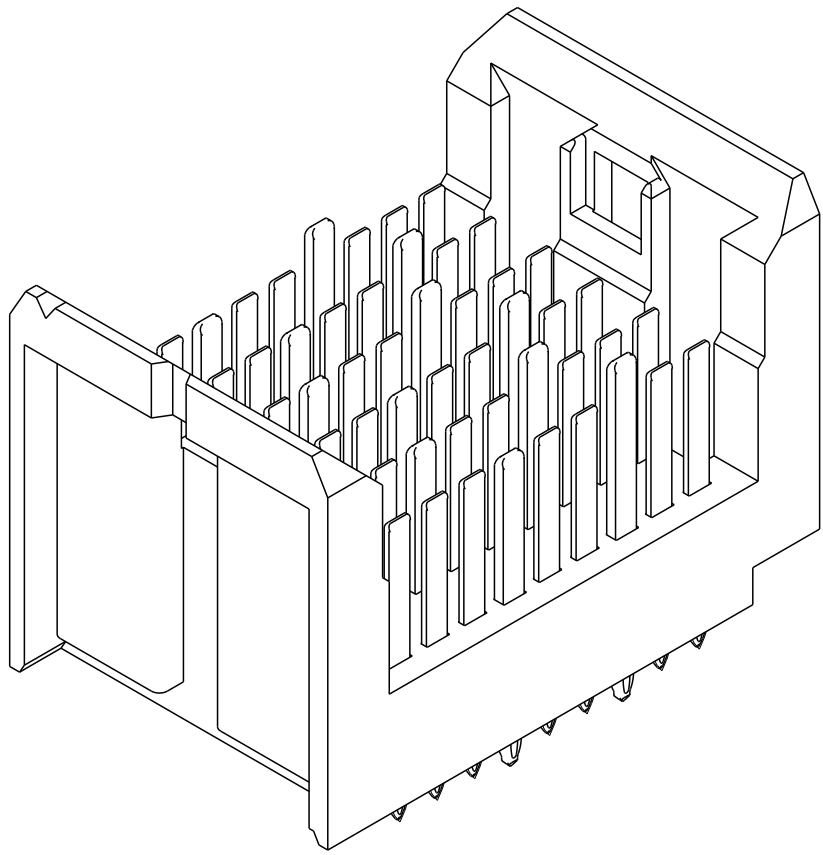
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, AND 8

spec ref	-	dr	Sandar Soe	2012/11/12	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	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	AIRMAX VSe	cat. no.	10123358	rev	D
ASME Y14.5	linear	0.X	±0.3	0.XX	±0.10	0.XXX	±0.050	angular	0°	±2°
Amphenol FCI title AIRMAX VSE VERTICAL HEADER 3 PAIR 54 POS 2MM 6 COL SMALL PRESS FIT,GXT+										
Product - Customer Drw sheet 3 of 4										

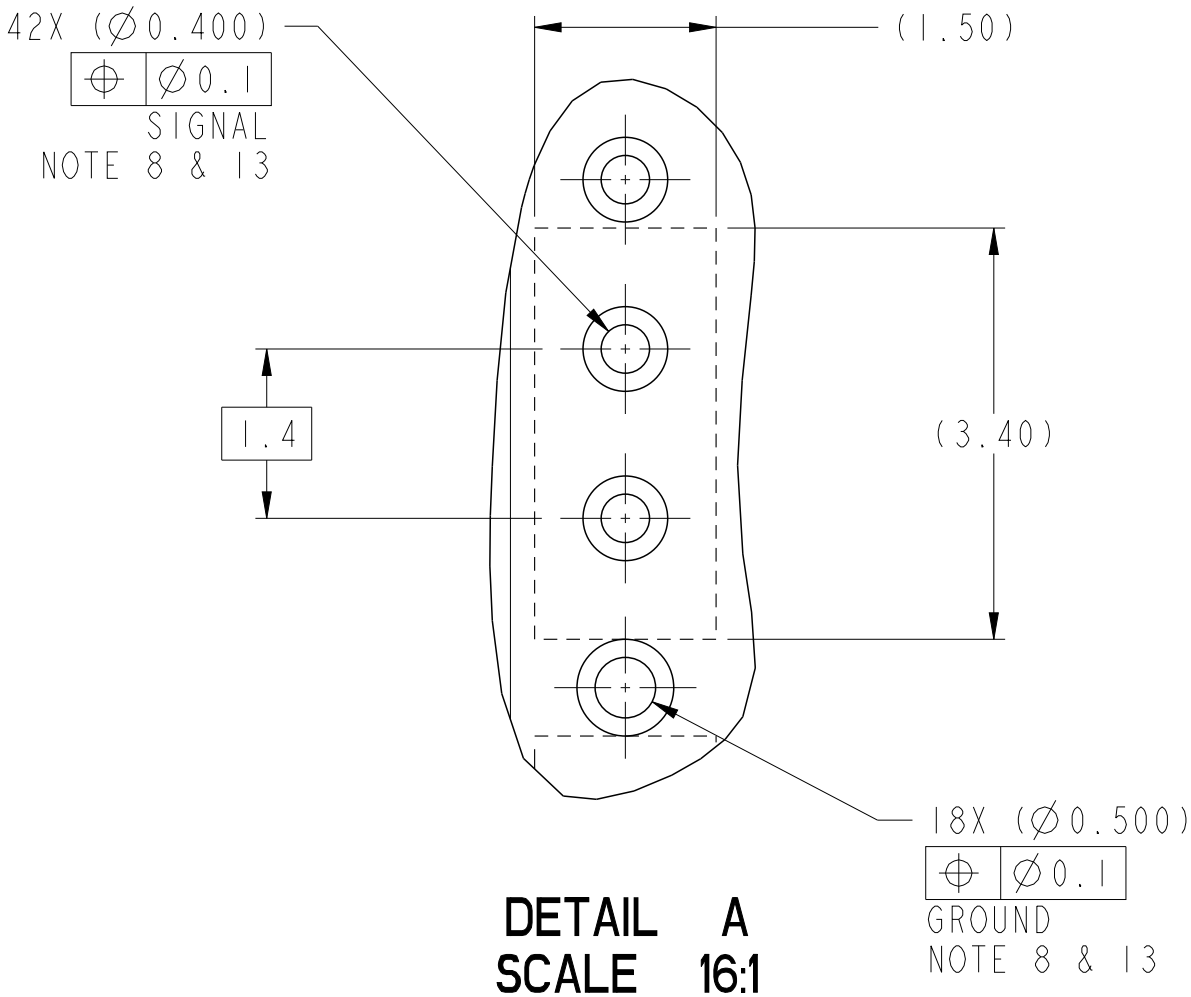
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	DETECTION PIN LOCATION	LONG GROUND PIN LOCATIONS (5.6MM)	REMARKS
10123358-101LF	TIN OVER NICKEL (LEAD FREE)	YES	N/A	F1, F3, F5 G2, G4, G6	2-SIDED PLATING
10123358-111LF		YES	H3		
10123358-121LF		YES	E3		

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 Sandar 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		part no 10123358		rev D	
					0.XX ±0.10									
					0.XXX ±0.050									
					angular 0° ±2°									
cat. no. -			Product - Customer Drw			sheet 4 of 4								