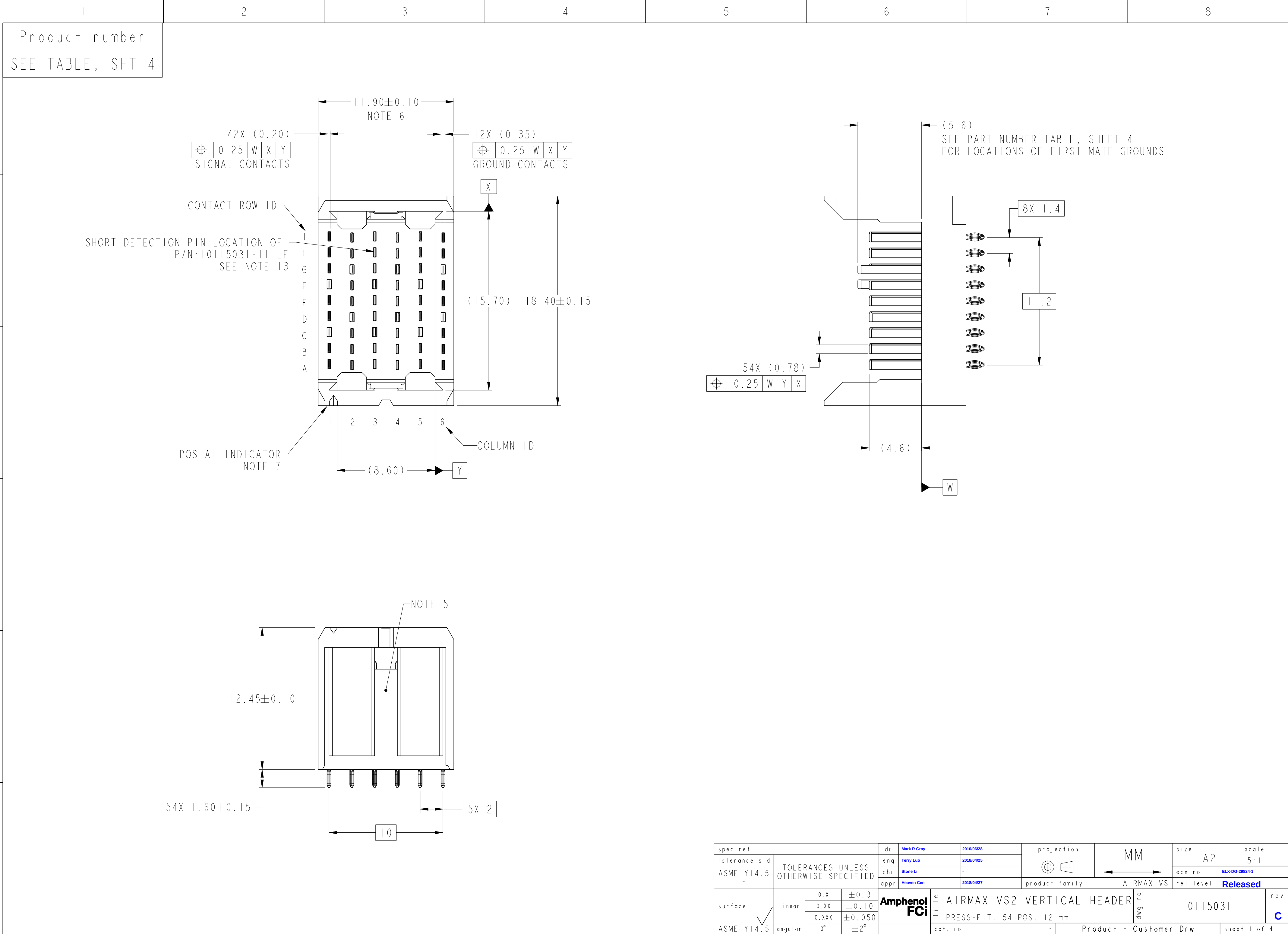
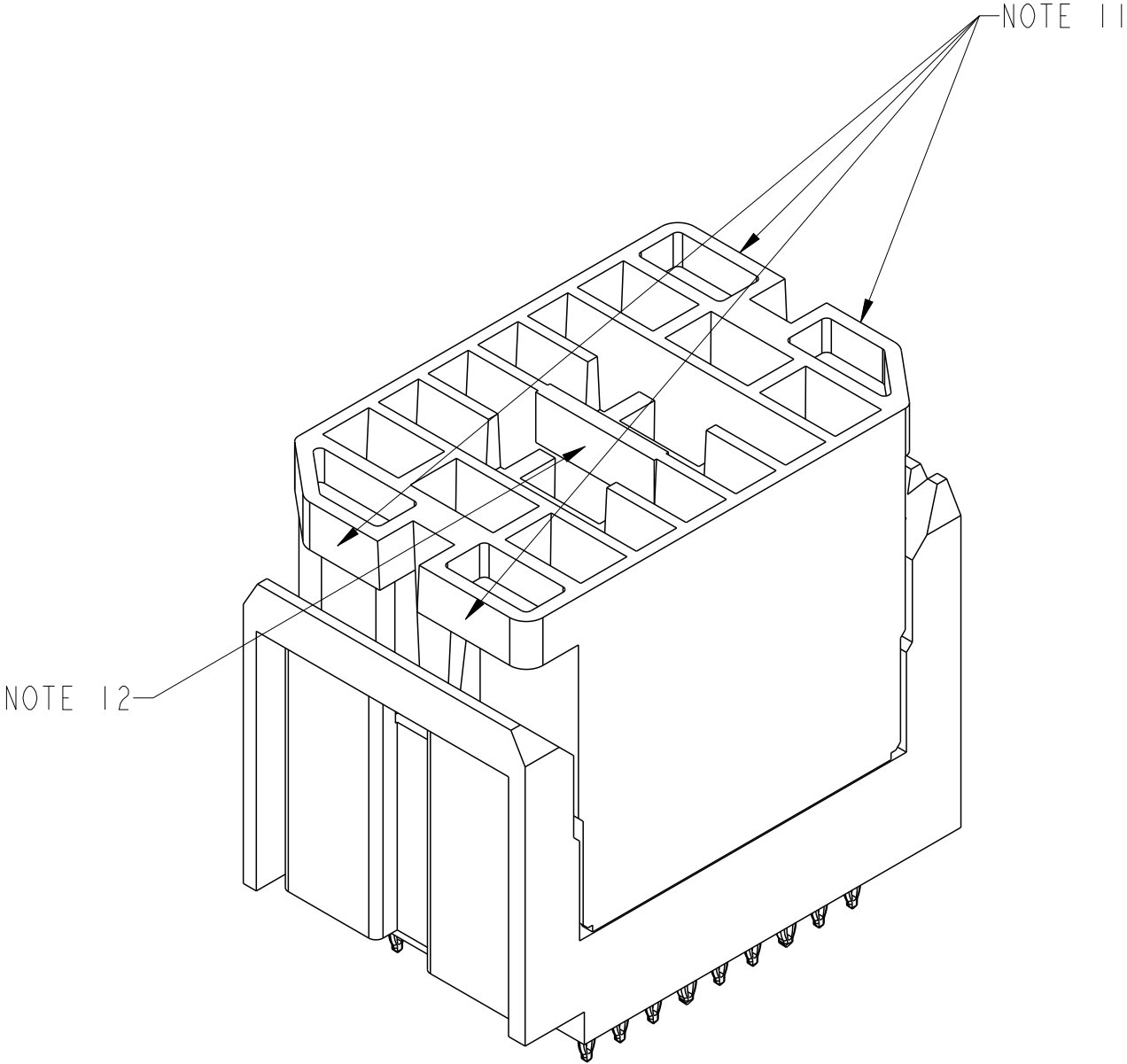
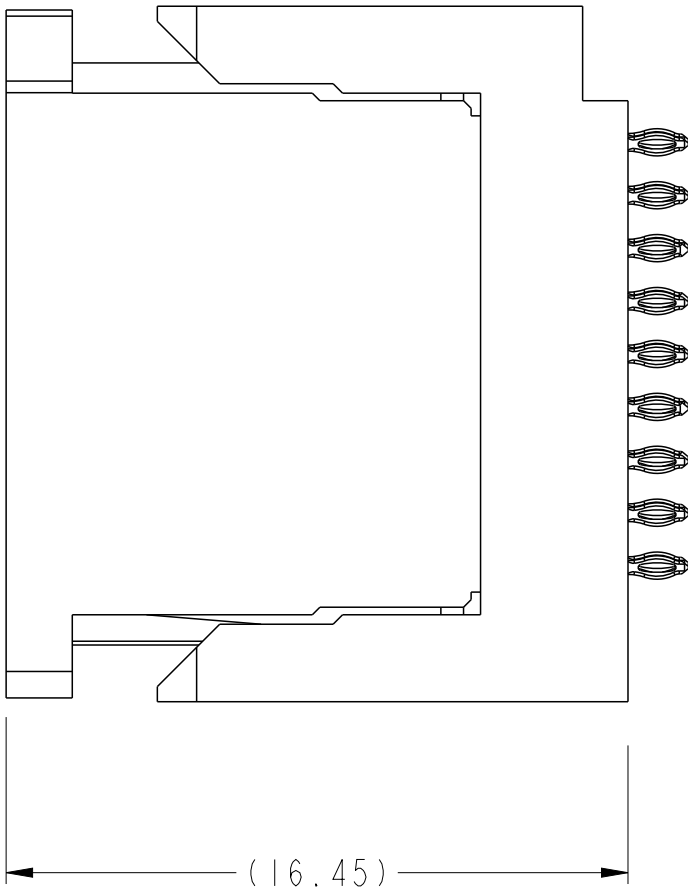
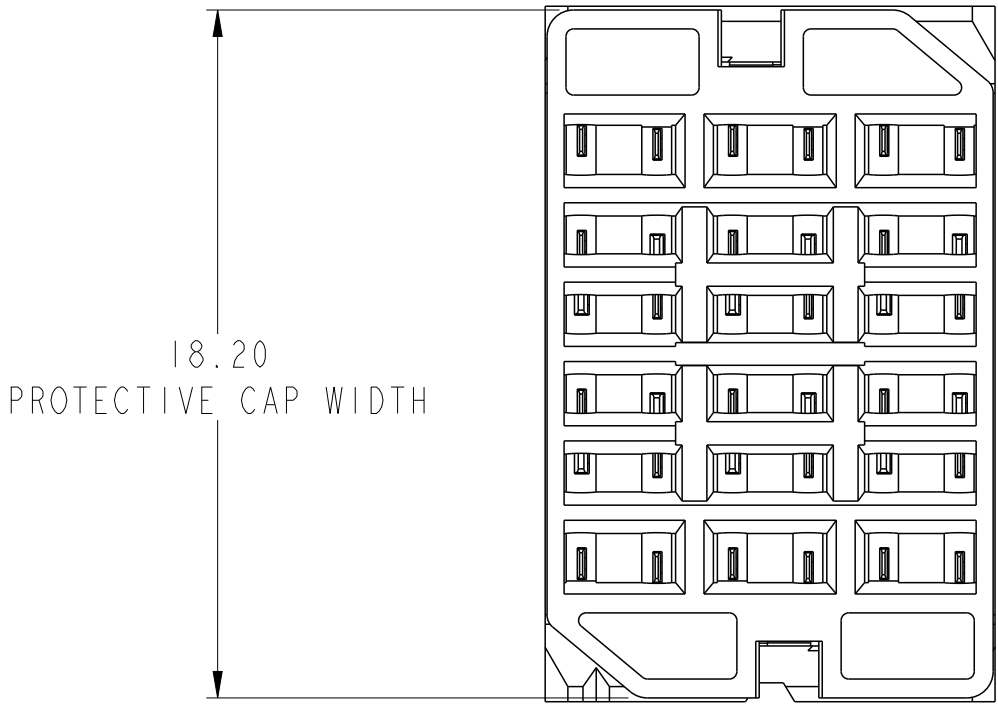




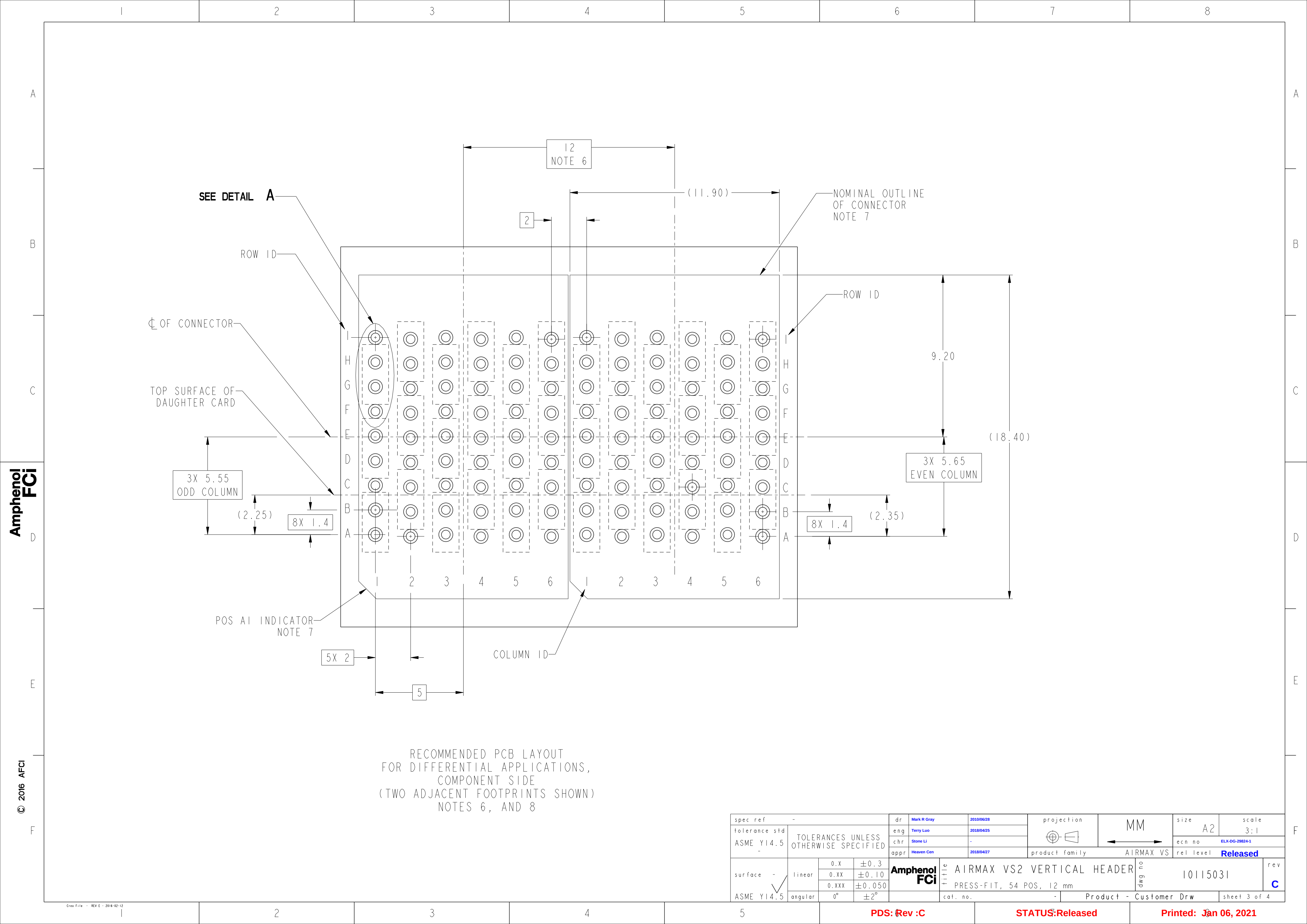


VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED

Amphenol
FCi

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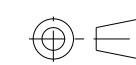
spec ref -				dr Mark R Gray		2010/06/28		projection MM	size A2		scale 5:1				
tolerance std ASME Y14.5				eng Terry Luo		2018/04/25			ecn no ELX-DG-29824-1						
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Stone Li		-			rel level Released						
				appr Heaven Cen		2018/04/27									
				product family AIRMAX VS											
surface -		linear		Amphenol FCi		title AIRMAX VS2 VERTICAL HEADER				dwg no 10115031		rev C			
		0.X ±0.3													
		0.XX ±0.10													
ASME Y14.5		angular 0° ±2°				PRESS-FIT, 54 POS, 12 mm									
				cat. no.		-		Product - Customer Drw				sheet 2 of 4			



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

spec ref -		dr Mark R Gray		2010/06/28		projection 	MM 	size A2	scale 3:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Terry Luo	2018/04/25				ecn no ELX-DG-29824-1	
			chr Stone Li	-				rel level Released	
			appr Heaven Cen	2018/04/27					
						product family AIRMAX VS			
surface -  ASME Y14.5	linear	0.X ±0.3	Amphenol FCI	title AIRMAX VS2 VERTICAL HEADER			dwg no 10115031	rev C	
		0.XX ±0.10							
		0.XXX ±0.050							
	angular 0° ±2°	cat. no. -		Product- Customer Drw					sheet 3 of 4
				PRESS-FIT, 54 POS, 12 mm					

PDS: Rev :C

STATUS:Released

Printed: Jan 06, 2021

1		2		3	4	5	6	7	8
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	FIRST MATE PIN LOCATIONS (5.6mm)	SHORT DETECTION PIN OPTION					
				LOCATION	QUANTITY				
10115031-101LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, G2, G4, G6	N/A	N/A				
10115031-111LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, G2, G4, G6	H3	1				

- 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 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
9.

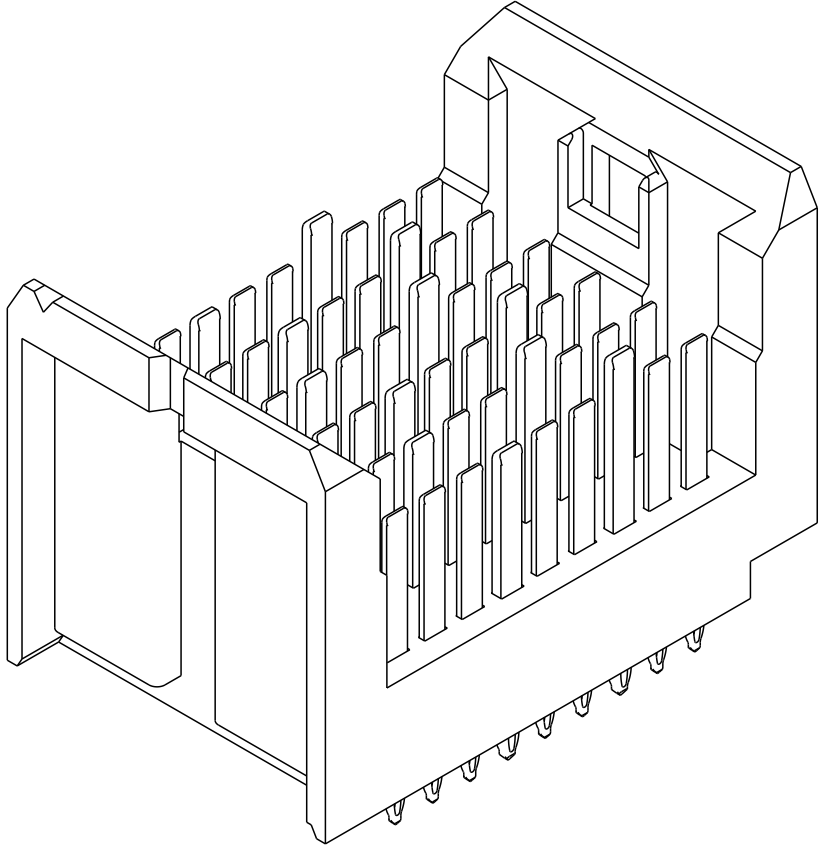
THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
10.

PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
11.

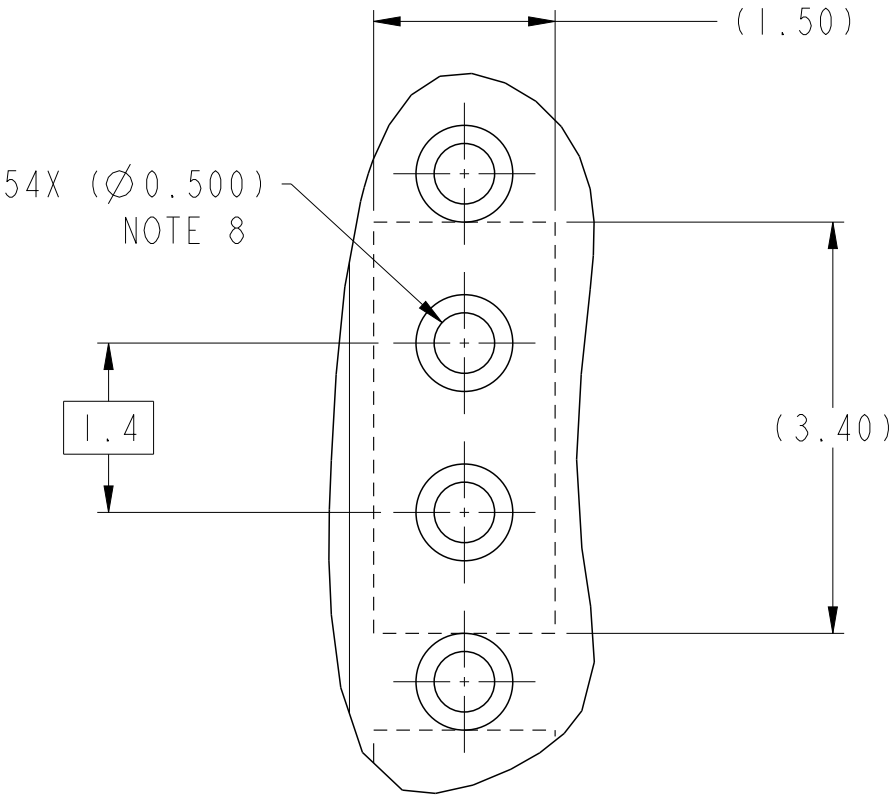
FOR REMOVAL OF THE PROTECTIVE CAP BY HAND GRIP USING THESE SURFACES.
12.

FOR REMOVAL OF THE PROTECTIVE CAP WITH PLIERS GRIP USING THIS FEATURE.
13.

SHORT DETECTION PIN IS 0.50mm LESS WIPE NOMINAL THAN THE SHORTEST PIN.



10115031-101LF



DETAIL A
SCALE 16:1

spec ref -				dr Mark R Gray		2010/06/28		projection MM	size A2		scale 5:1		
tolerance std ASME Y14.5 -				eng Terry Luo		2018/04/25			ecn no ELX-DG-29824-1				
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Stone Li		-			rel level Released				
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surface -		linear		Amphenol FCI		title AIRMAX VS2 VERTICAL HEADER				dwg no 10115031		rev C	
		0.X ±0.3											
		0.XX ±0.10											
ASME Y14.5		angular 0° ±2°				PRESS-FIT, 54 POS, 12 mm							
				cat. no. -		Product - Customer Drw				sheet 4 of 4			