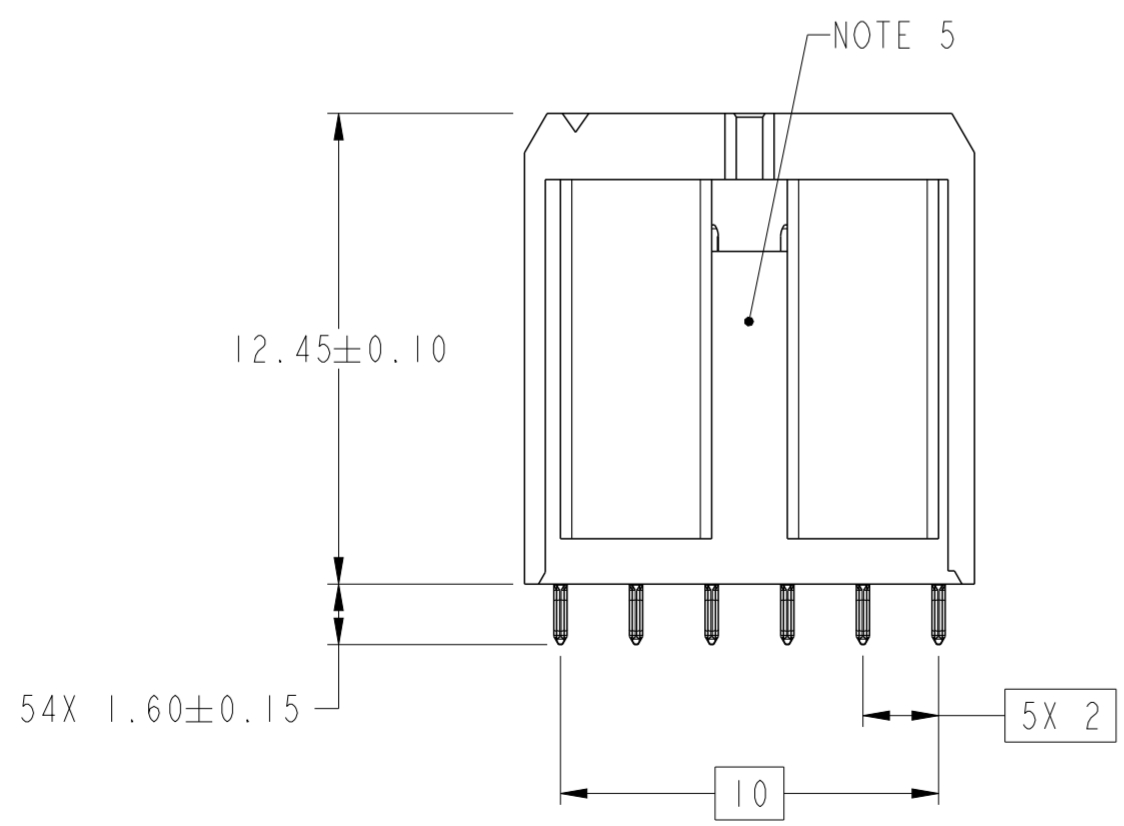
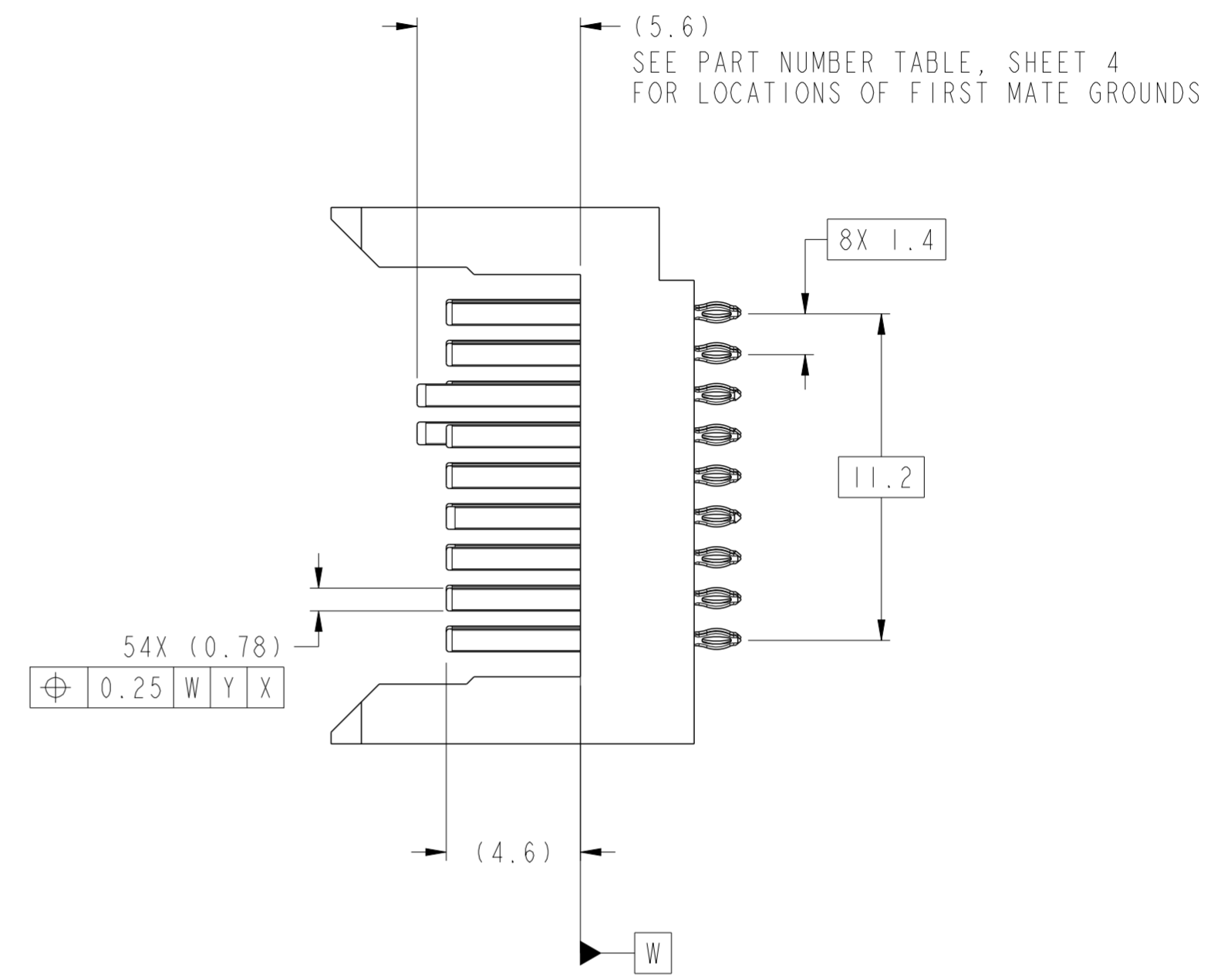
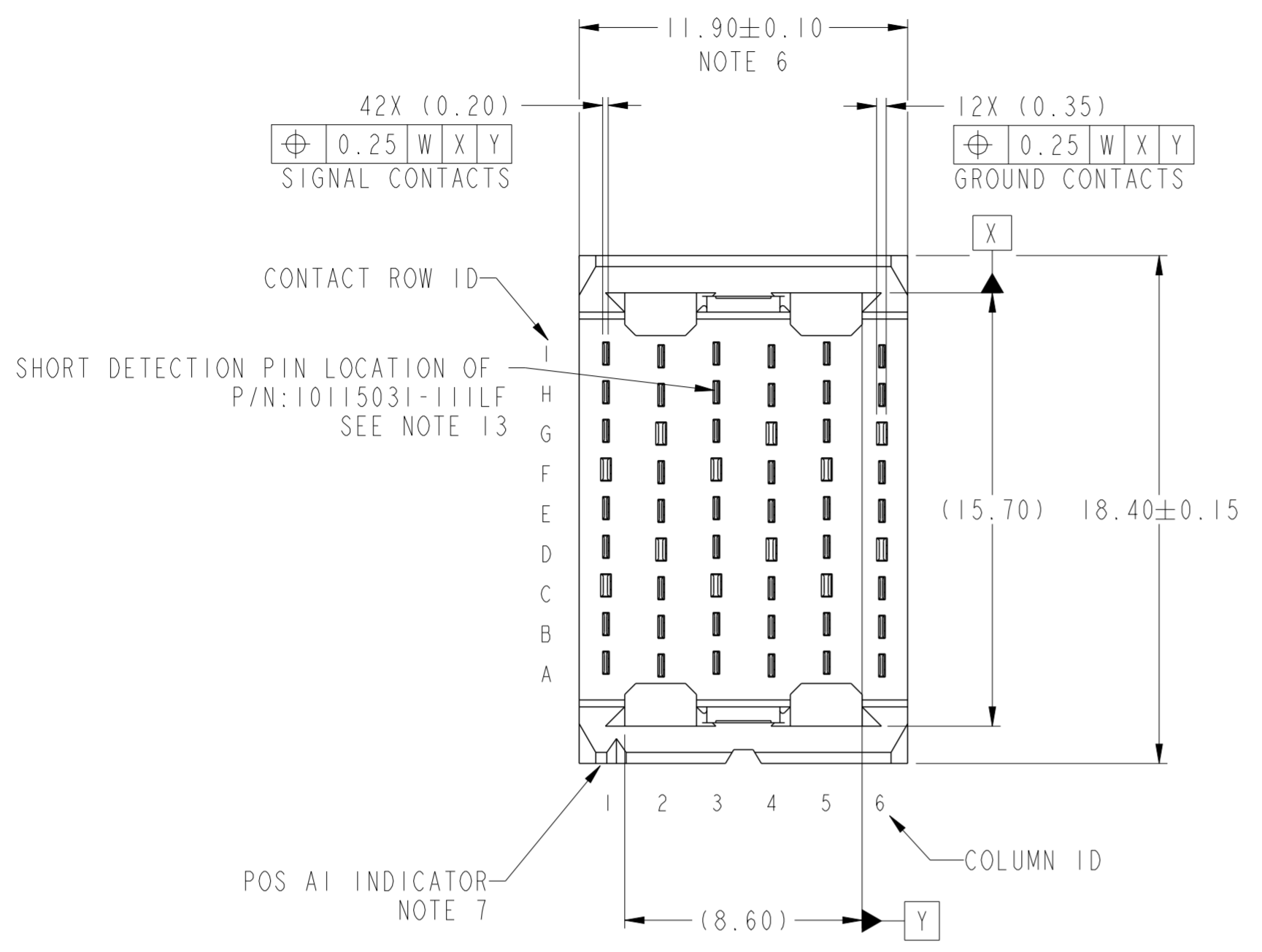


Product number
SEE TABLE, SHT 4

A
B
C
D
E
F



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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	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Stone Li	-			product family	AIRMAX VS			
surface	-	appr	Heaven Cen	2018/04/27	title		AIRMAX VS2 VERTICAL HEADER	div no	10115031	rev	C
ASME Y14.5	linear	0.X	± 0.3		cat. no.		-	Product - Customer Drw	sheet 1 of 4		
		0.XX	± 0.10								
	angular	0°	$\pm 2^\circ$								

1 2 3 4 5 6 7 8

A

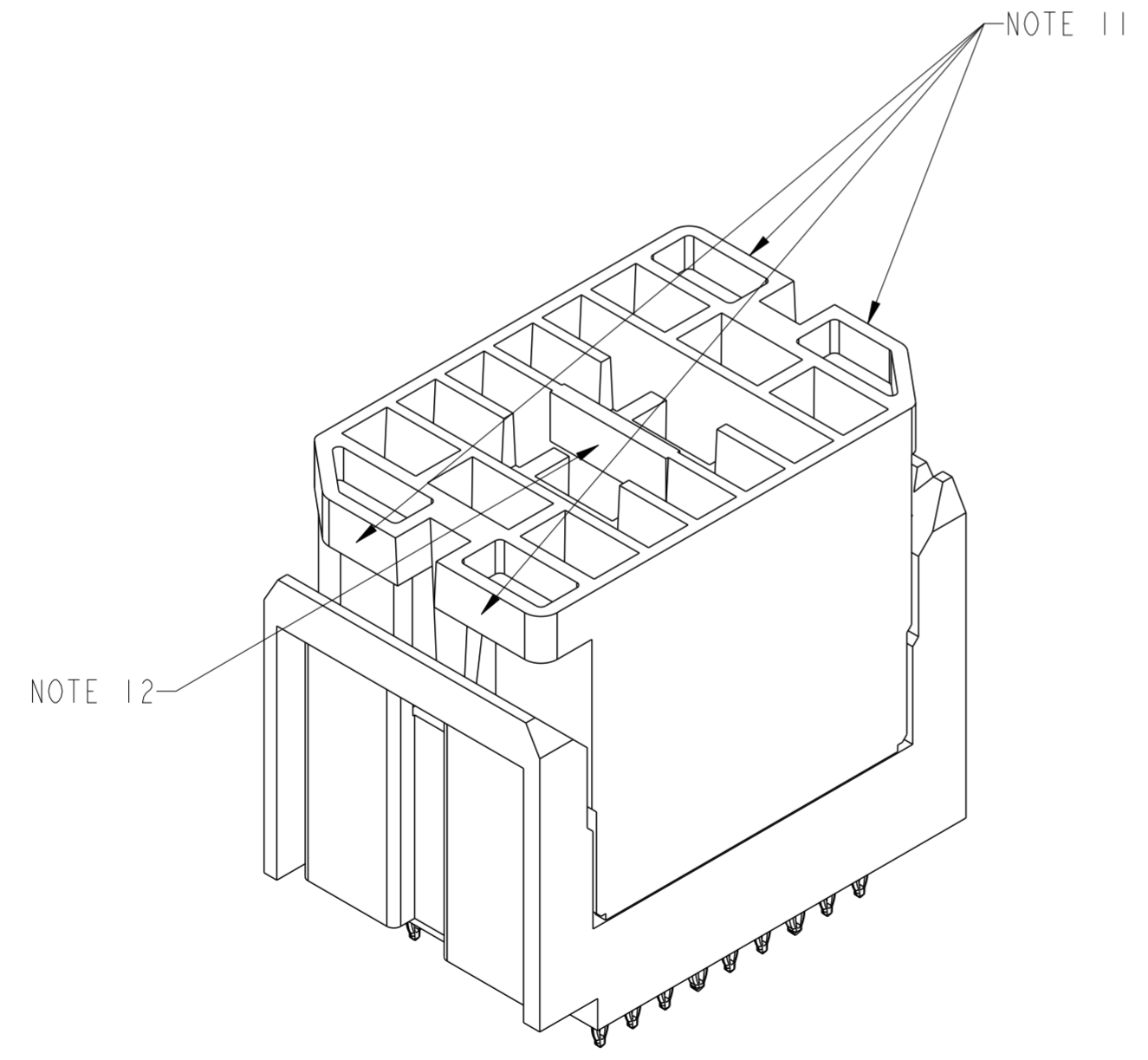
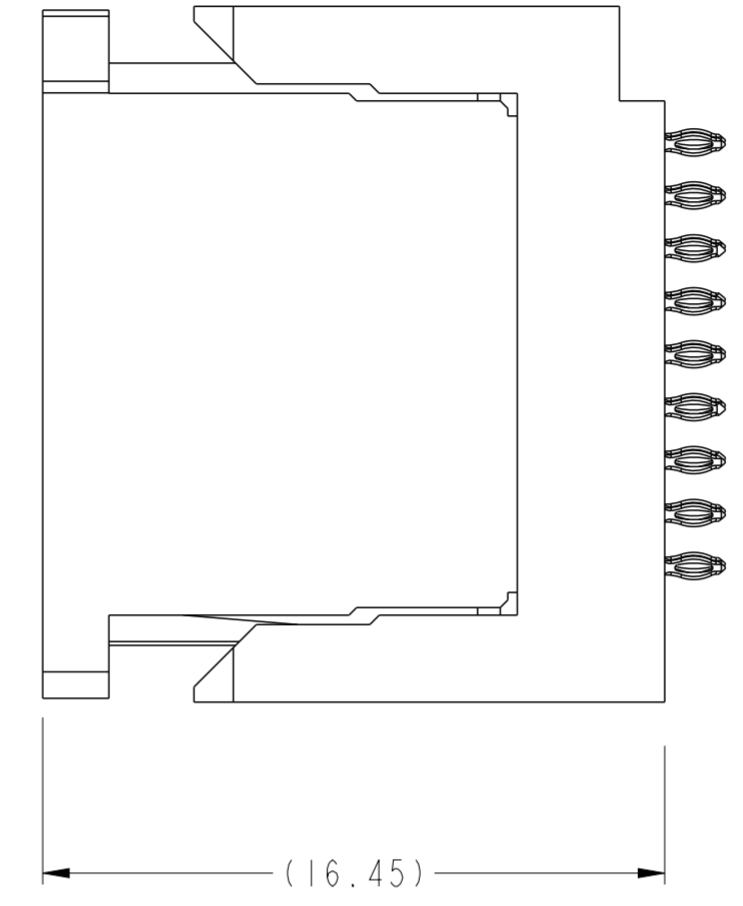
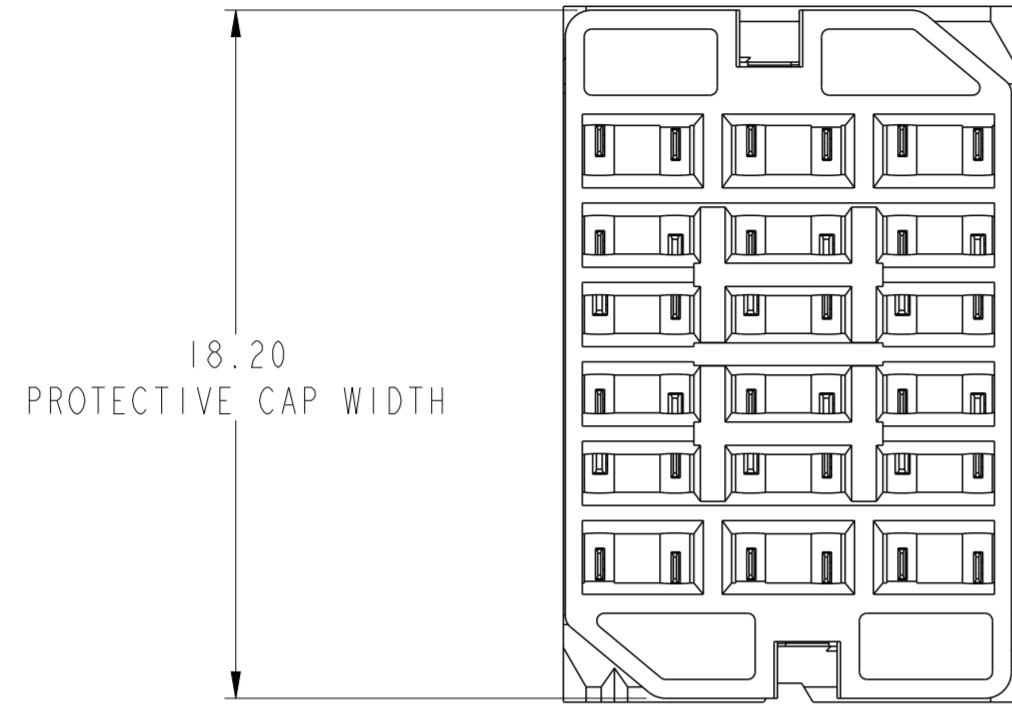
B

C

D

E

F

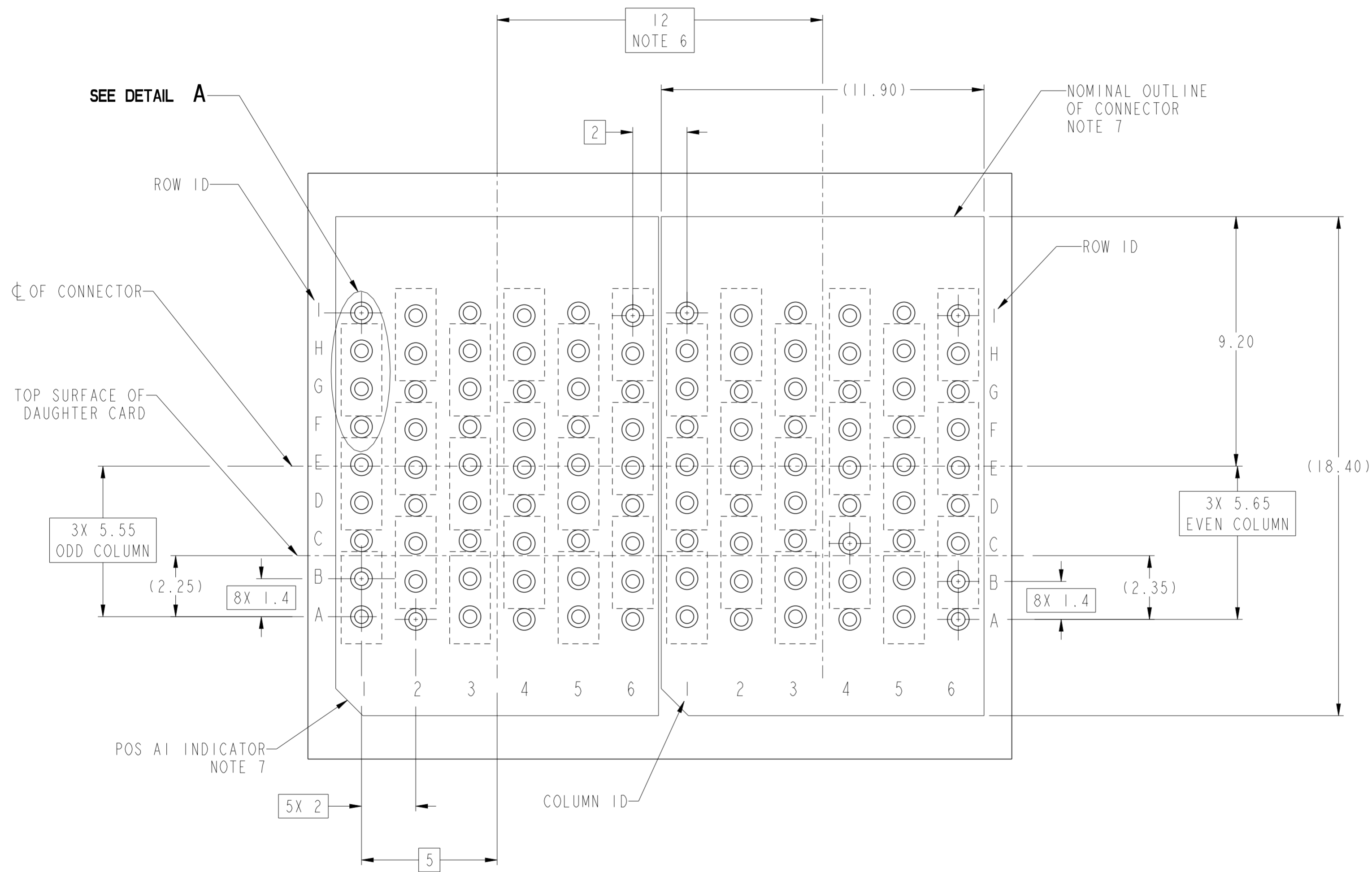


VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED

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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					
		chr	Stone Li	-			rel level	Released					
		appr	Heaven Cen	2018/04/27	product family	AIRMAX VS	rel level	Released					
surface	-		Amphenol FCI title AIRMAX VS2 VERTICAL HEADER PRESS-FIT, 54 POS, 12 mm			divg no 10115031	rev C						
ASME Y14.5	linear							0.X	±0.3				
	angular							0°	±2°				
		cat. no.		-	Product - Customer Drw		sheet 2 of 4						



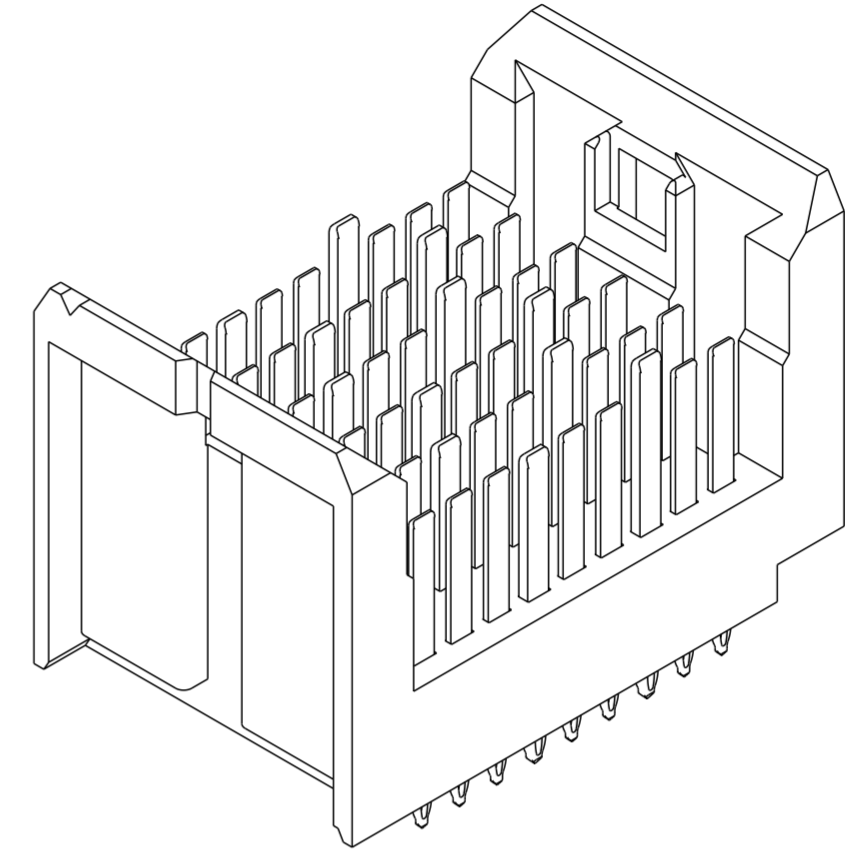
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, AND 8

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

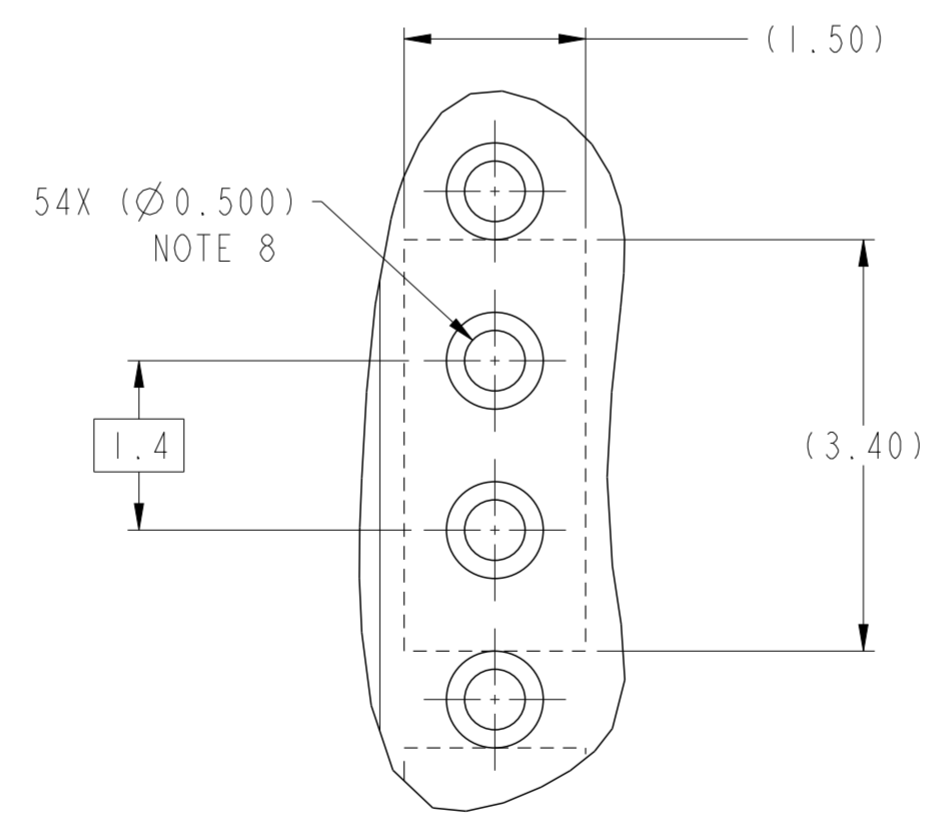
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	FIRST MATE PIN LOCATIONS (5.6mm)	SHORT DETECTION PIN OPTION	
				LOCATION	QUANTITY
10115031-101LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, G2, G4, G6	N/A	N/A
10115031-111LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, G2, G4, G6	H3	1

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 A1 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		
surface	-	appr	Heaven Cen	2018/04/27	product family	AIRMAX VS	cat. no.	10115031	rev	C
ASME Y14.5	linear	0.X	±0.3		title		AIRMAX VS2 VERTICAL HEADER		Product - Customer Drw sheet 4 of 4	
		0.XX	±0.10		PRESS-FIT, 54 POS, 12 mm					
	angular	0°	±2°							

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