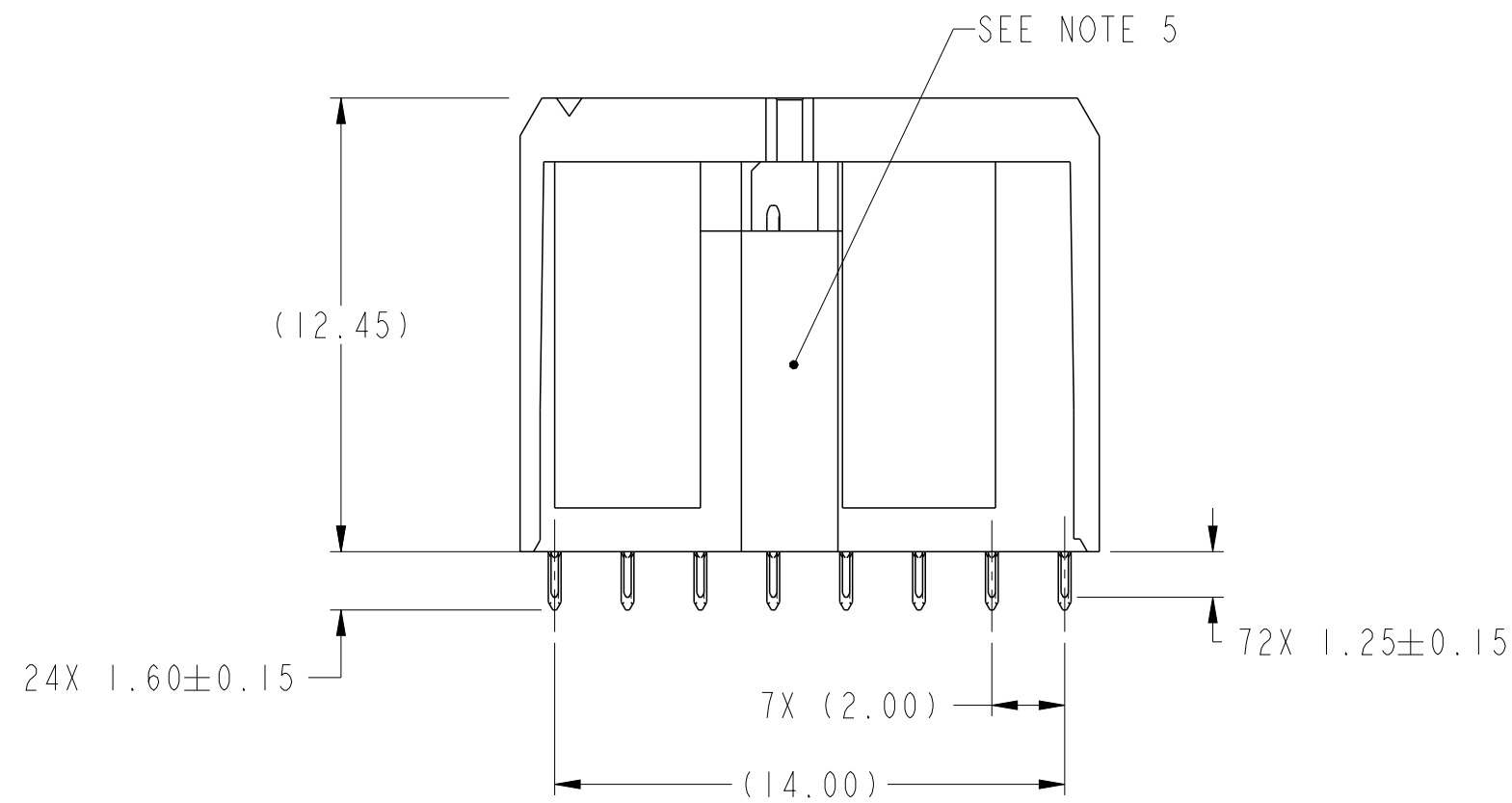
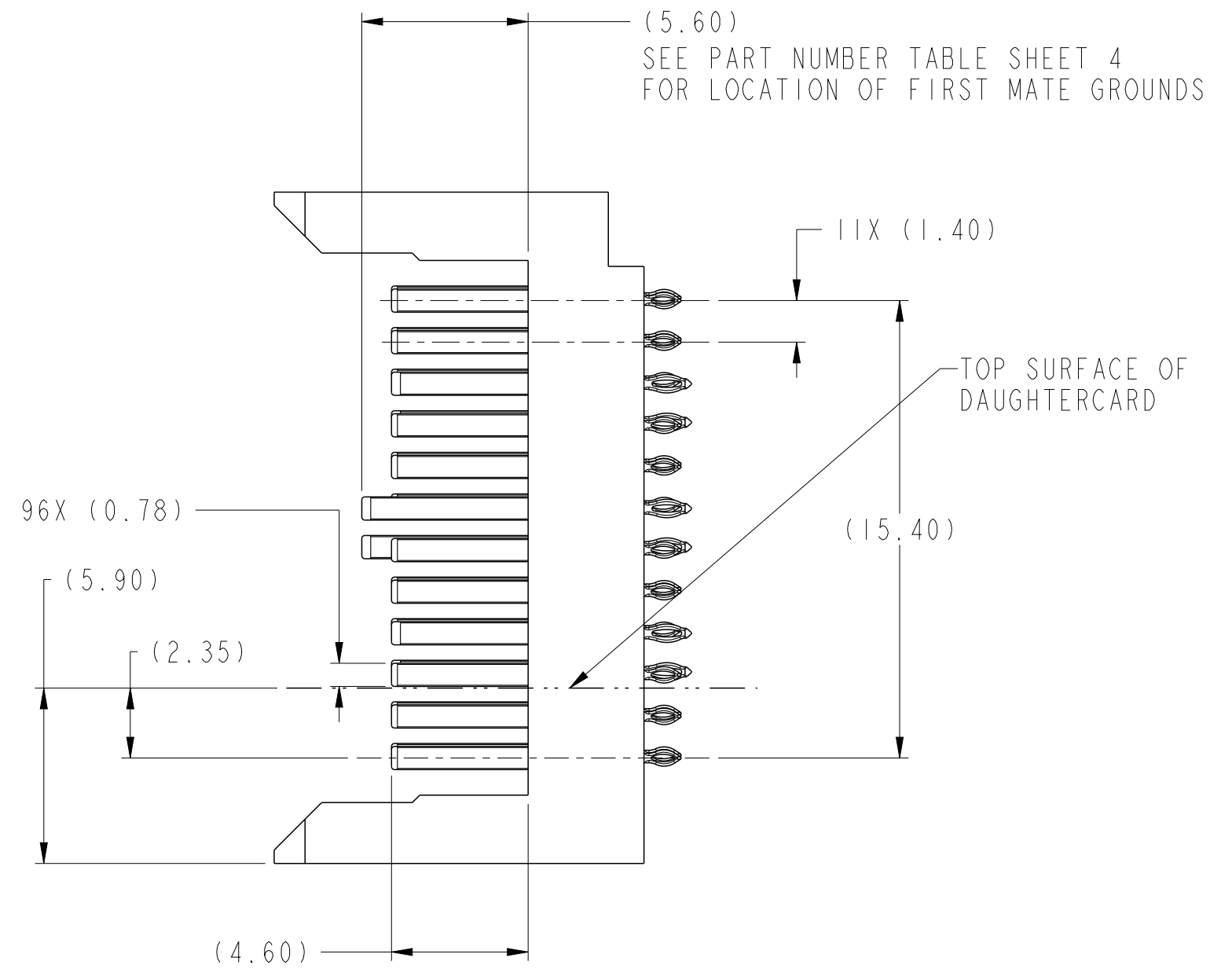
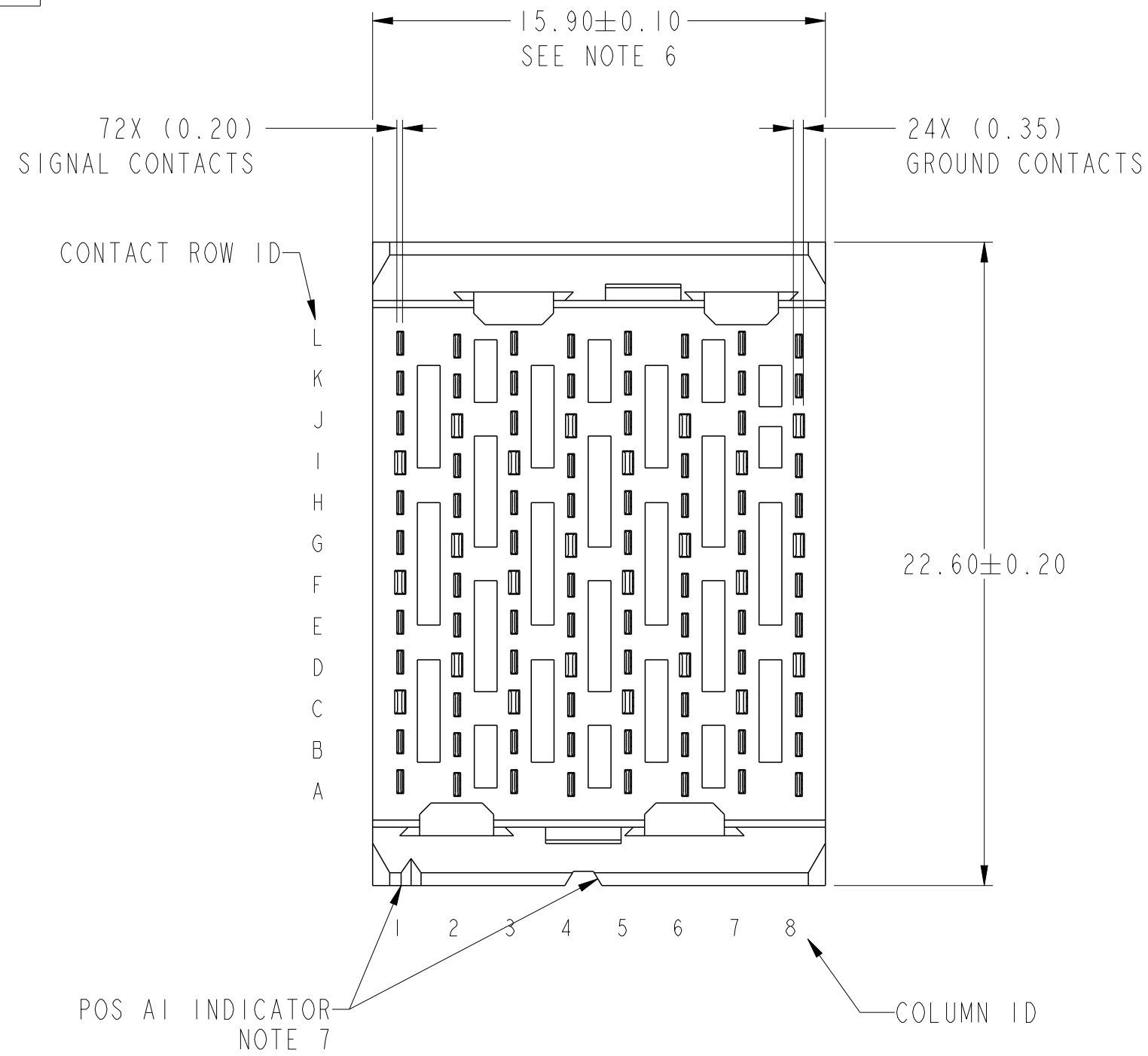


Product number
SEE TABLE, SHT 4



spec ref	-	dr	Tao Zhan	2014/06/12	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Terry Luo	2018/11/06	chr	Stone Li	2018/11/06	ecn no	ELX-DG-31076-1	
		appr	Heaven Cen	2018/11/06	product family	AIRMAX VS	rel level	Released		
surface	-	linear	0.X	± 0.3	Amphenol FCi	AIRMAX VSe VERTICAL HEADER	4 PAIR 96 POS 2MM 8 COL SMALL PRESS FIT	cat. no.	-	Product - Customer Drw
ASME Y14.5	angular	0°	$\pm 2^\circ$							sheet 1 of 4

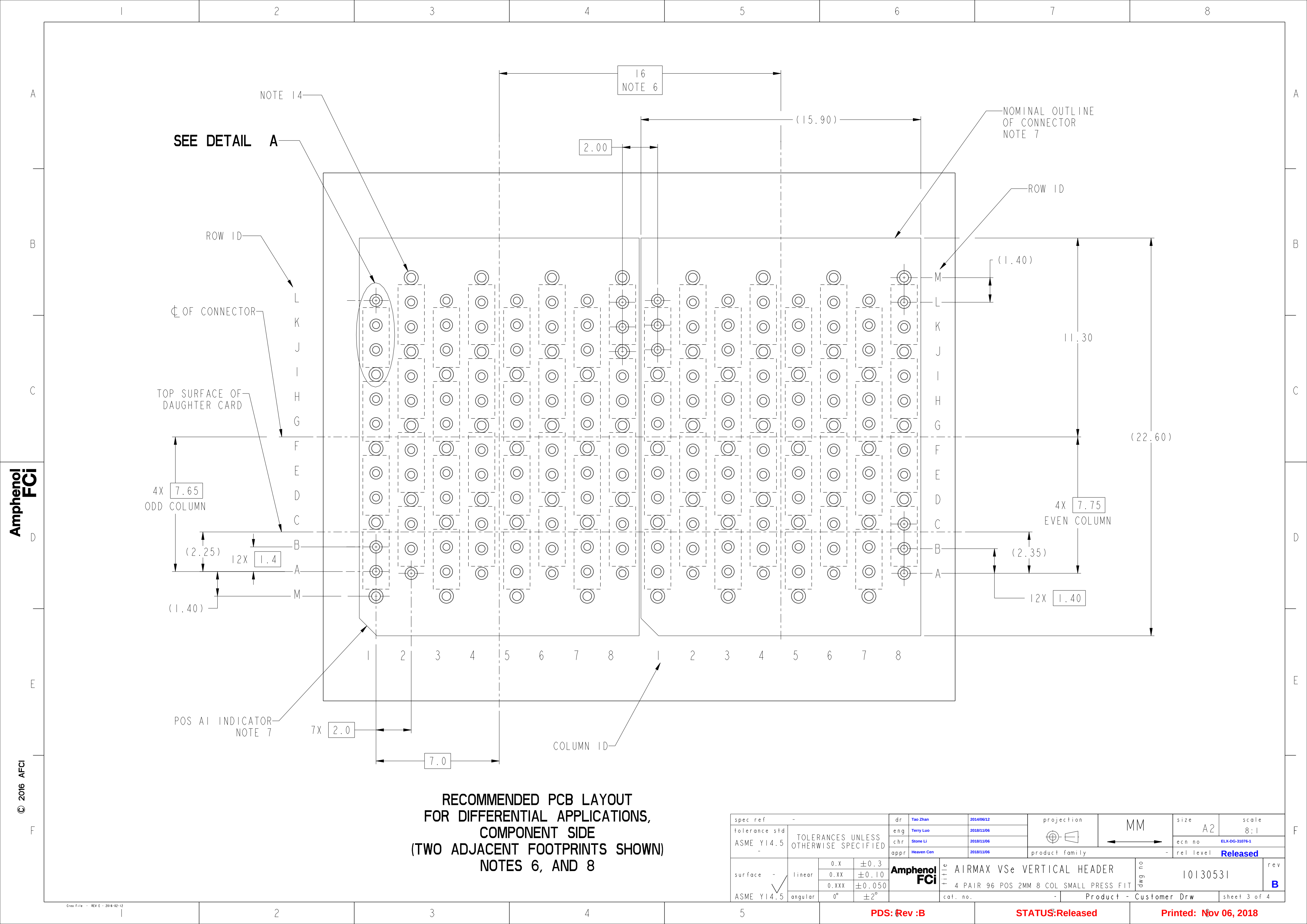
(22.40)
PROTECTIVE CAP WIDTH

SEE NOTE 12

SEE NOTE 11

VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10130531-101LF

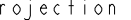
spec ref -				dr	Tao Zhan	2014/06/12		projection		size	A2	scale	3:1		
tolerance std				eng	Terry Luo	2018/11/06		product family		AIRMAX VS	ecn no ELX-DG-31076-1				
ASME Y14.5				chr	Stone Li	2018/11/06					rel level Released				
-				appr	Heaven Cen	2018/11/06									
surface -	linear	0.X	±0.3		title	AIRMAX VSe VERTICAL HEADER				dwg no	10130531		rev	B	
		0.XX	±0.10												
		0.XXX	±0.050												
ASME Y14.5	angular	0°	±2°					cat. no. -				Product - Customer Drw		sheet 2 of 4	



Amphenol
FCi

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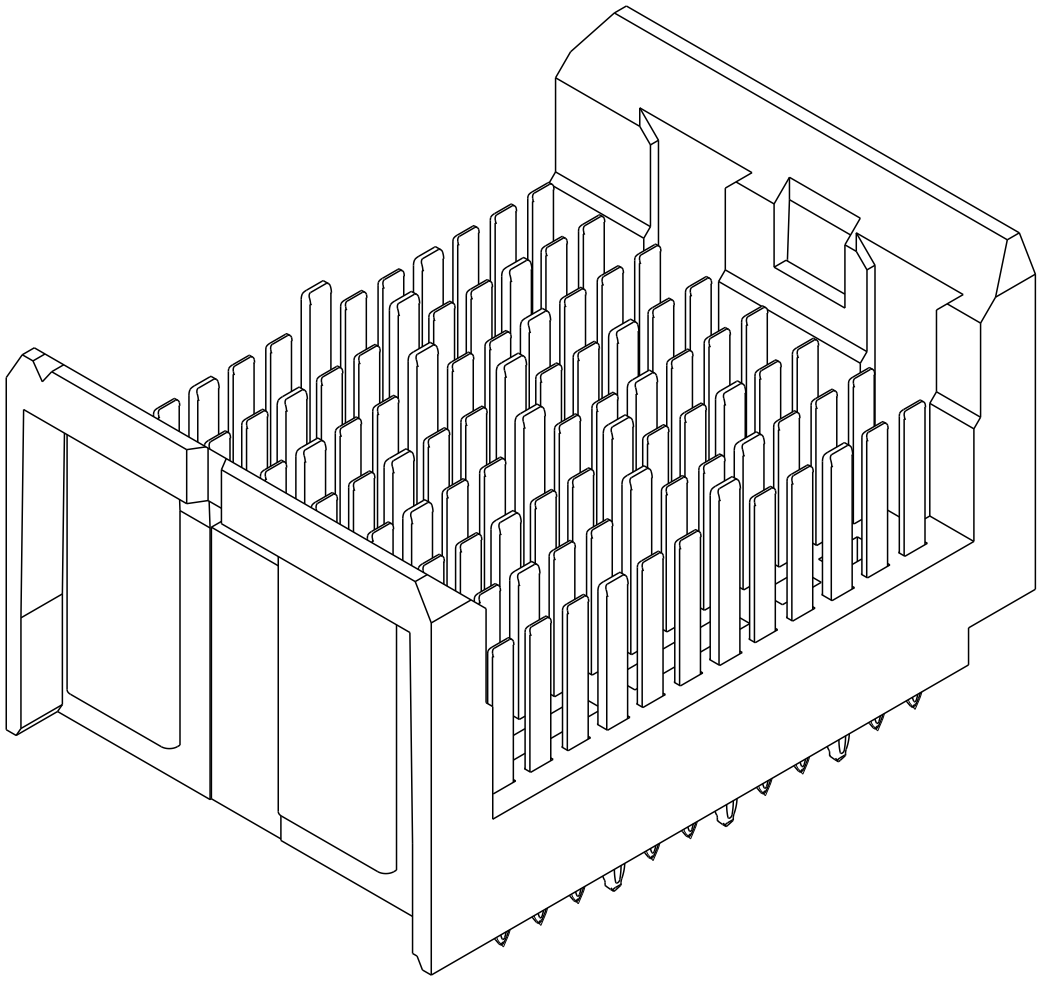
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, AND 8

spec ref -		dr Tao Zhan		2014/06/12			size A2	scale 8:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Terry Luo		2018/11/06			ecn no ELX-DG-31076-1	
ASME Y14.5		chr Stone Li		2018/11/06			rel level Released	
-		appr Heaven Cen		2018/11/06			product family -	
surface -	linear	0.X	±0.3		title AIRMAX VSe VERTICAL HEADER	dwg no 10130531	rev B	
		0.XX	±0.10					
		0.XXX	±0.050					
	ASME Y14.5	angular	0°					±2°

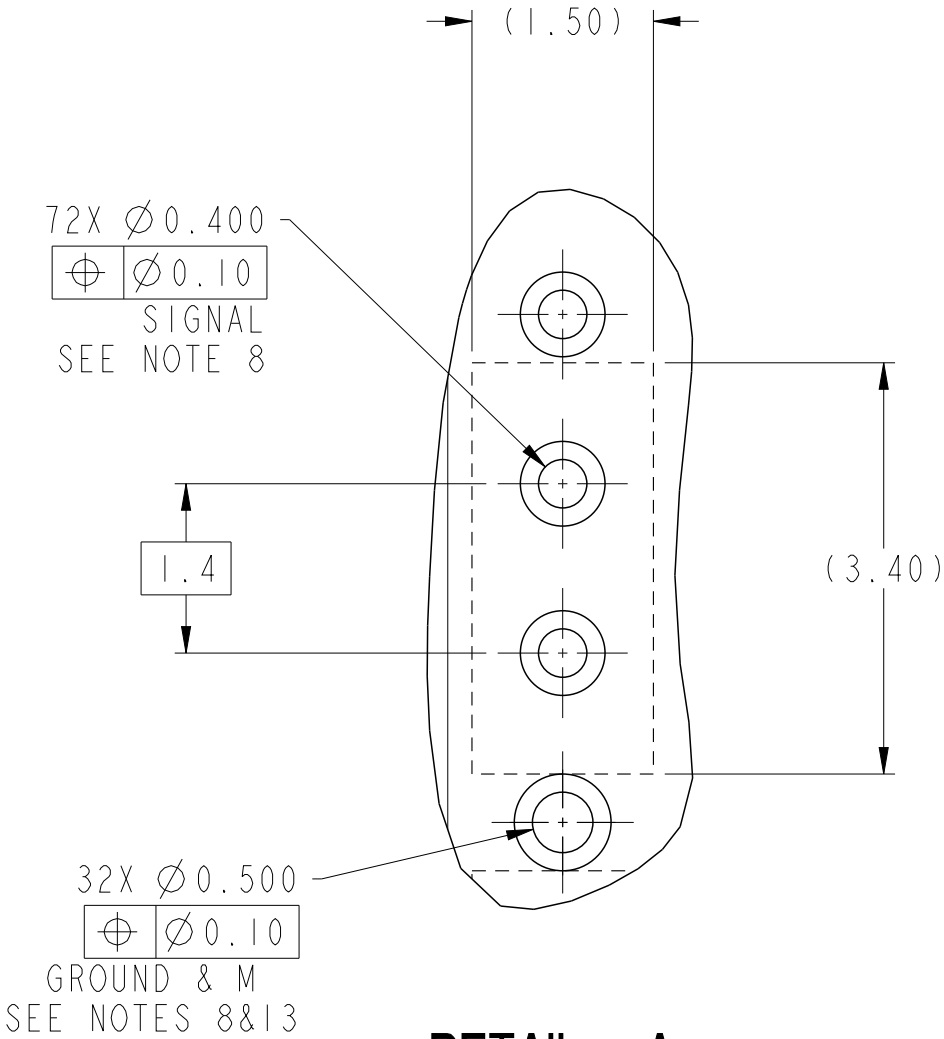
1		2		3		4		5		6		7		8
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	LONG GROUND PIN LOCATIONS (5.6MM)											
10130531-101LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, F7 G2, G4, G6, G8											

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 16.0 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 10104444 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 GROUND VIAS IN POSITIONS C, F, I, & M FOR ODD COLUMNS AND POSITIONS D, G, J, & N FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.
- ⑭ THE OUTER VIAS IN COLUMN M ARE OPTIONAL. IF ADDED THESE HOLES PROVIDE GROUND SYMMETRY THROUGH THE PCB. NO CONNECTOR EONS WILL BE PRESSED INTO THESE HOLES.



10130531-101LF (WITHOUT COVER)



DETAIL A
SCALE 16:1

spec ref -				dr Tao Zhan2014/06/12		projection		MM		size A2		scale 8:1	
tolerance std ASME Y14.5				eng Terry Luo2018/11/06						ecn no		ELX-DG-31076-1	
TOLERANCES UNLESS OTHERWISE SPECIFIED				chr Stone Li2018/11/06						rel level		Released	
appr Heaven Cen2018/11/06						product family		-					
surface -		linear		Amphenol FCi		title AIRMAX VSe VERTICAL HEADER 4 PAIR 96 POS 2MM 8 COL SMALL PRESS FIT		dwg no 10130531		rev B			
		0.X ±0.3											
		0.XX ±0.10											
ASME Y14.5		angular 0° ±2°				cat. no. -		Product - Customer Drw		sheet 4 of 4			
		0.XXX ±0.050											