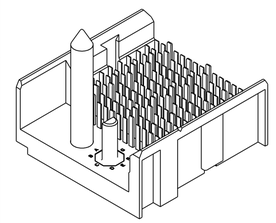
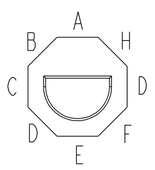
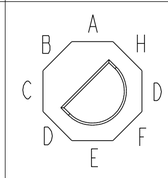
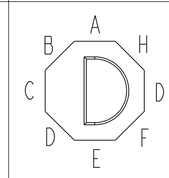
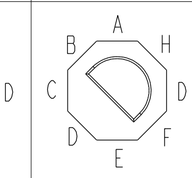
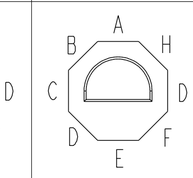
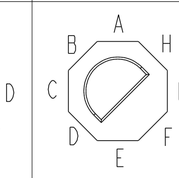
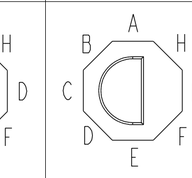
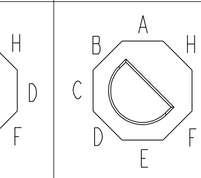
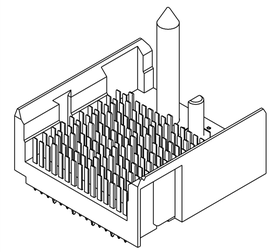
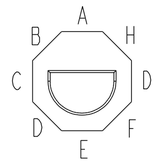
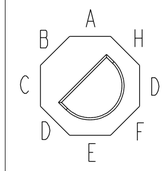
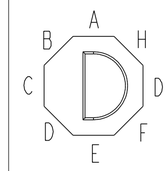
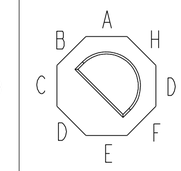
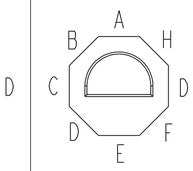
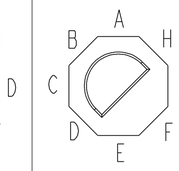
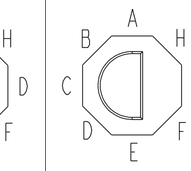
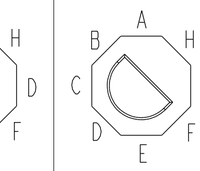
10135317 - 1 0 X LF

SEE NOTE 2

LEAD-FREE DESIGNATION ONLY WITH APPLICABLE PLATING CODES

MODULE DESCRIPTION	LETTER DESIGNATION REPRESENTED IN DASH NUMBER										BASE MODULE
LEFT POLARIZING GUIDANCE MODULE (SEE SHEET 3)	N	J (NO KEY)	A	B	C	D	E	F	G	H	
	NO KEY NO GUIDEPIN										
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 2)	Z	Y (NO KEY)	P	Q	R	S	T	U	V	W	
	NO KEY NO GUIDEPIN										

NOT TOOLED

PRELIMINARY

spec ref -			dr	Jackie Chen	2015/05/27	projection	MM	size A2	scale 5:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Tao Zhan	2016/03/14			ecn no -	
			chr	-	-				
			appr	-	-	product family	AIRMAX VS2	rel level	Preliminary
surface - ASME Y14.5	linear	0.X ±0.3	Amphenol FCi	title	AIRMAX VERTICAL HEADER		dwg no 10135317		rev 1
		0.XX ±0.15			PRESS-FIT, 5-PAIR, 150 POS, W/G				
		0.XXX ±0.050							
	angular	0° ±2°		cat. no. -		Product - Customer Drw		sheet 1 of 4	

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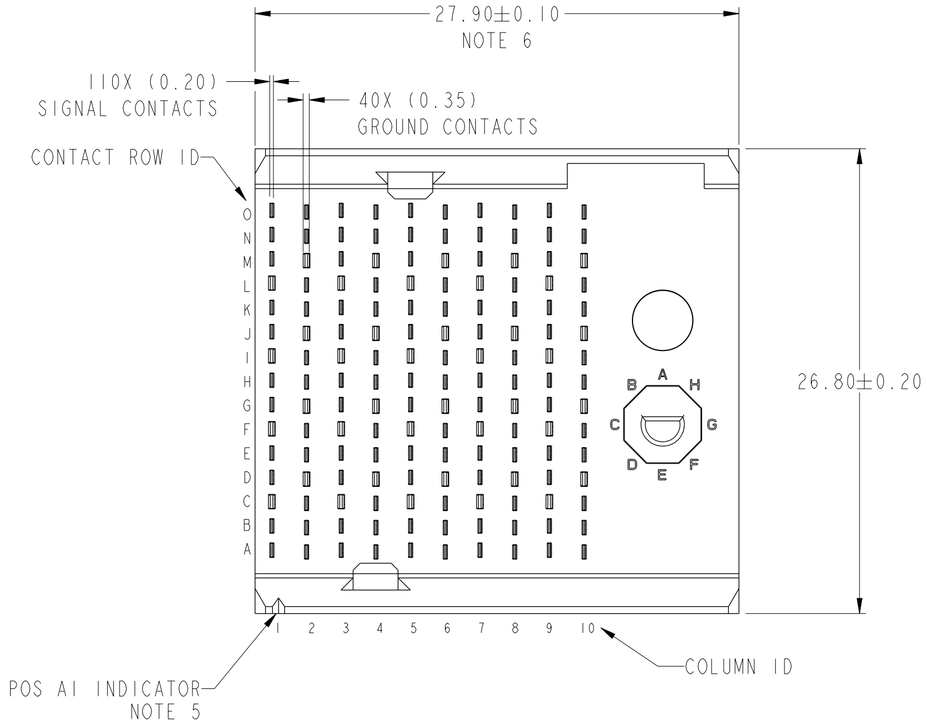
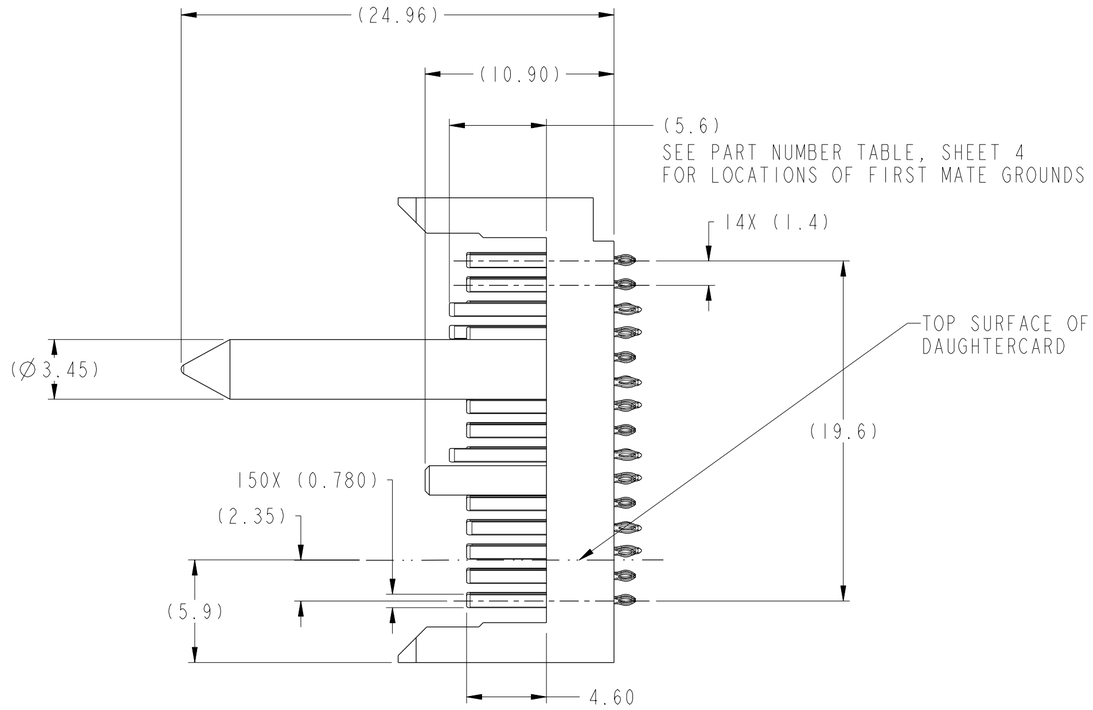
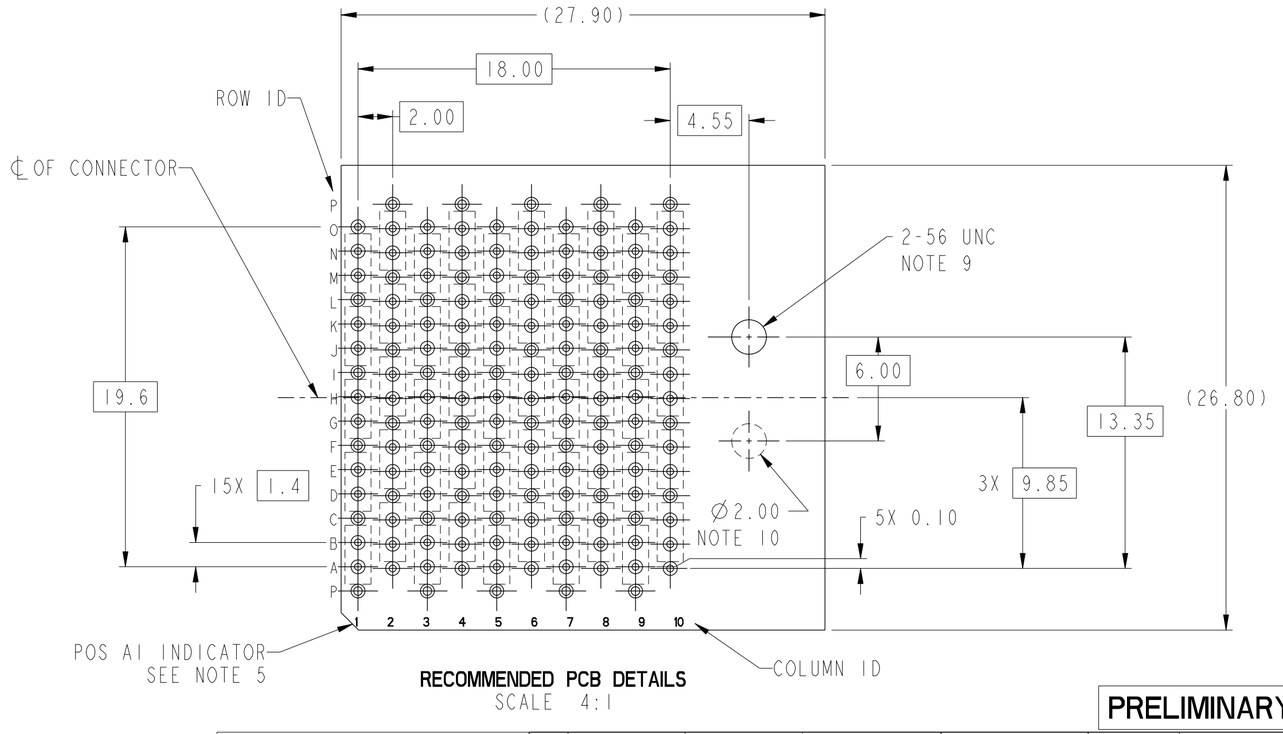
RIGHT POLARIZING WITH GUIDE







RECOMMENDED PCB DETAILS
SCALE 4:1

PRELIMINARY

spec ref -			dr	Jackie Chen	2015/05/27	projection	MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Tao Zhan	2016/03/14		
			chr	-	-		
			appr	-	-	product family	AIRMAX VS2
surface -	linear	0.X	±0.3	Amphenol FCi	title	AIRMAX VERTICAL HEADER	
		0.XX	±0.15			PRESS-FIT, 5-PAIR, 150 POS, W/G	
		0.XXX	±0.050				
ASME Y14.5	angular	0°	±2°		cat. no.	-	Product - Customer Drw

size A2	scale 4:1		
ecn no -			
rel level Preliminary			
dwg no 10135317	rev 1		
sheet 2 of 4			

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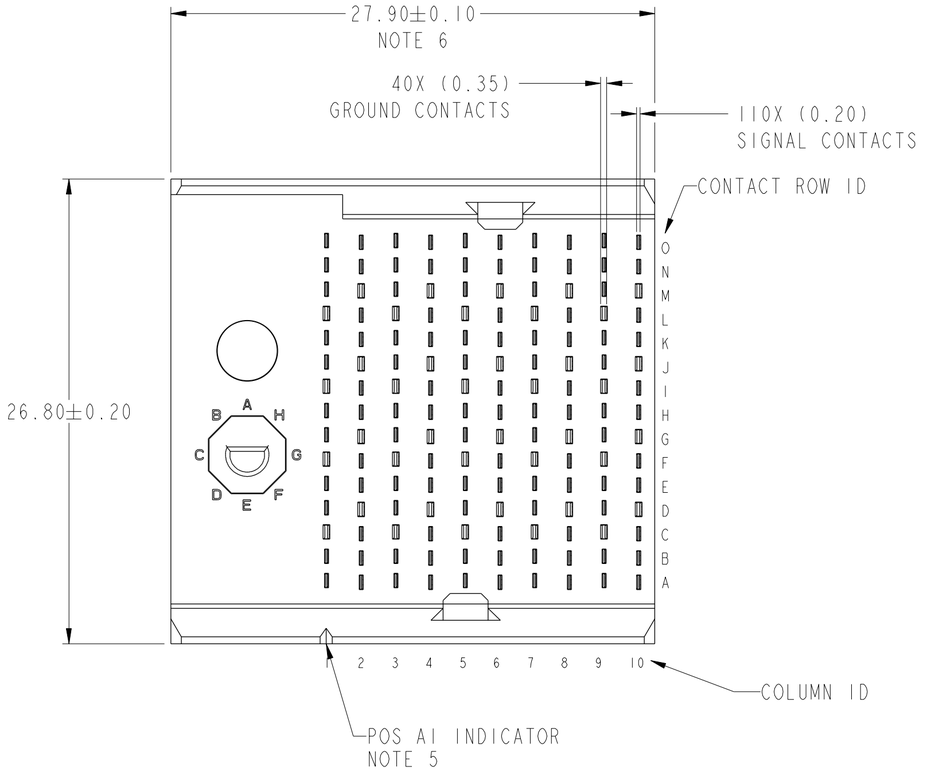
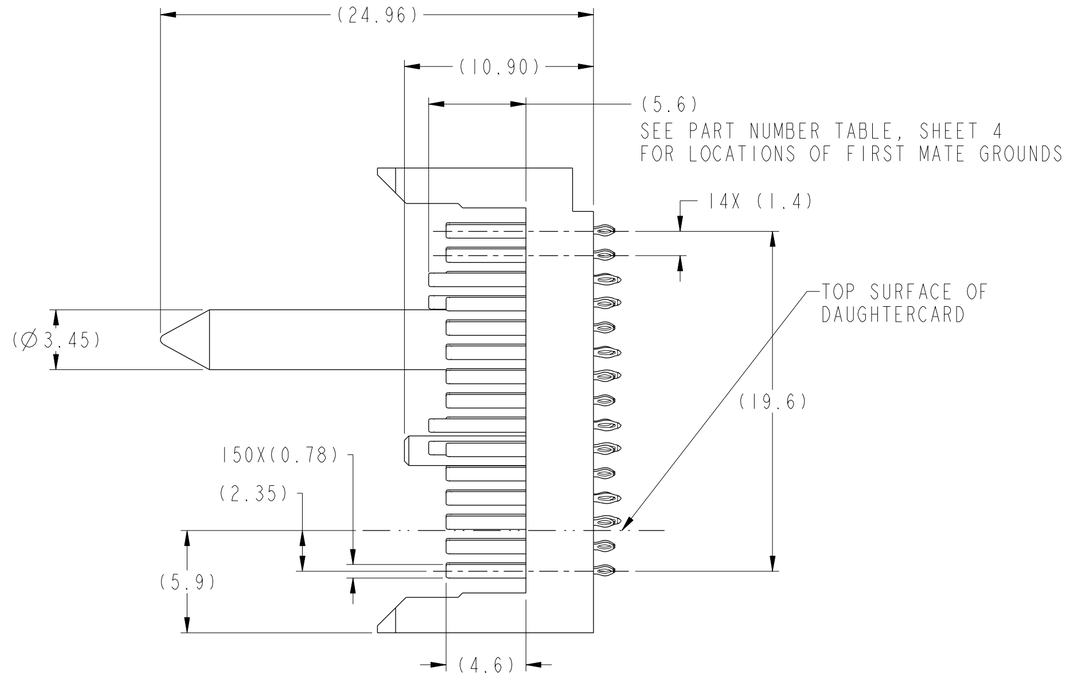
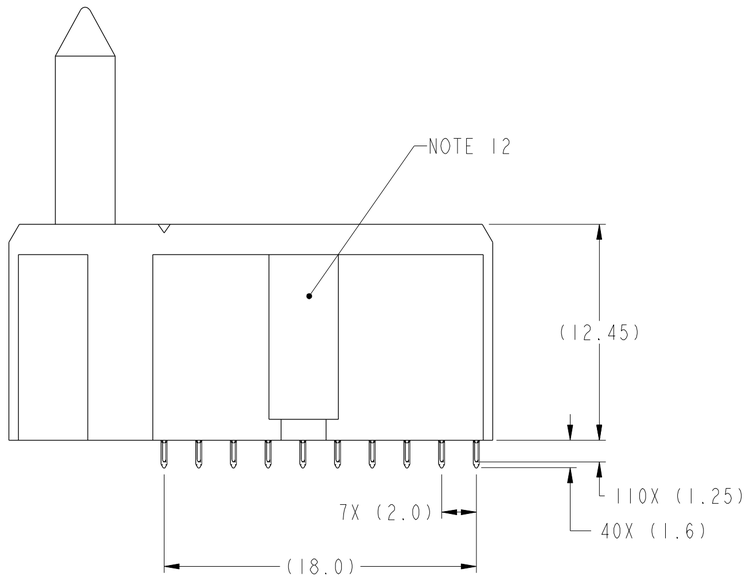
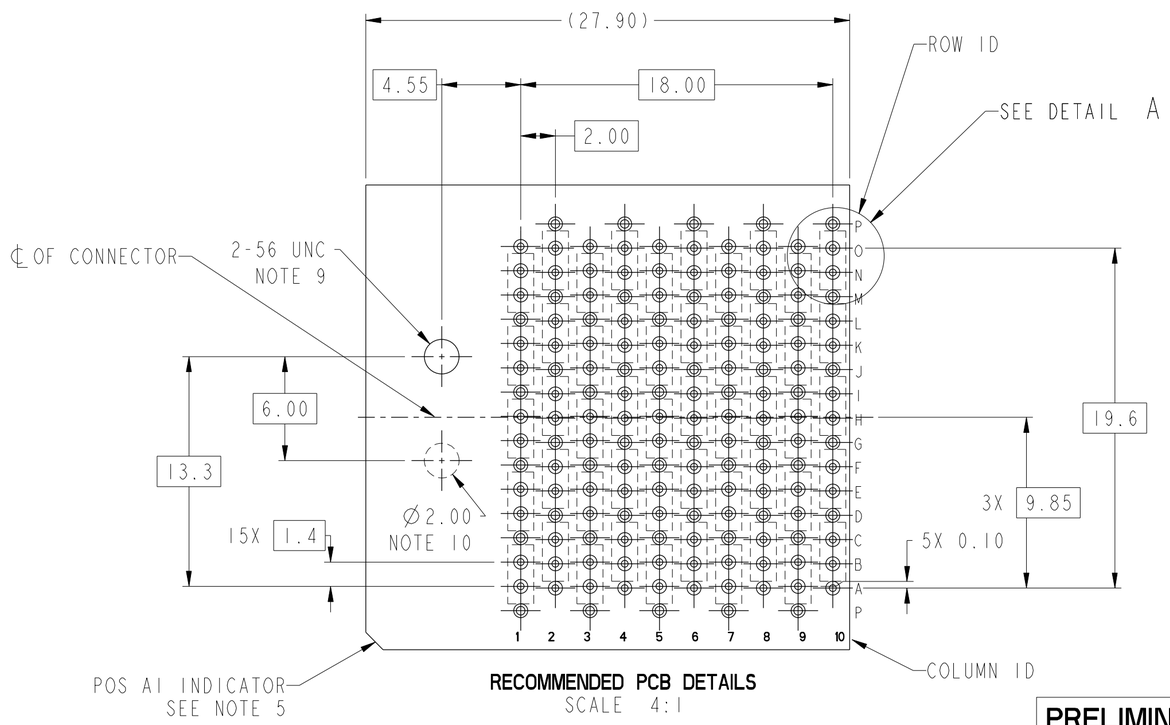
LEFT POLARIZING WITH GUIDE









RECOMMENDED PCB DETAILS
SCALE 4:1

PRELIMINARY

spec ref -			dr	Jackie Chen	2015/05/27	projection	MM	size A2 / scale 4:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Tao Zhan	2016/03/14			ecn no -
			chr	-	-			
			appr	-	-	product family	AIRMAX VS2	rel level Preliminary
surface - ASME Y14.5	linear	0.X ±0.3	Amphenol FCi	title	AIRMAX VERTICAL HEADER	dwg no	10135317	rev 1
		0.XX ±0.15			PRESS-FIT, 5-PAIR, 150 POS, W/G			
		0.XXX ±0.050						
	angular	0° ±2°			cat. no. -	Product - Customer Drw		sheet 3 of 4

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PART NUMBER	PRESS-FIT TAIL PLATING TYPE	FIRST MATE PIN LOCATIONS
10135317-10*LF	TIN OVER NICKEL (LEAD FREE)	F1, F3, F5, F7, F9 G2, G4, G6, G8, G10 L1, L3, L5, L7, L9 M2, M4, M6, M8, M10

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-12-0956 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.) CONNECTOR OUTLINE WITH HOUSING POS A1 INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.

(6.) REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.

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

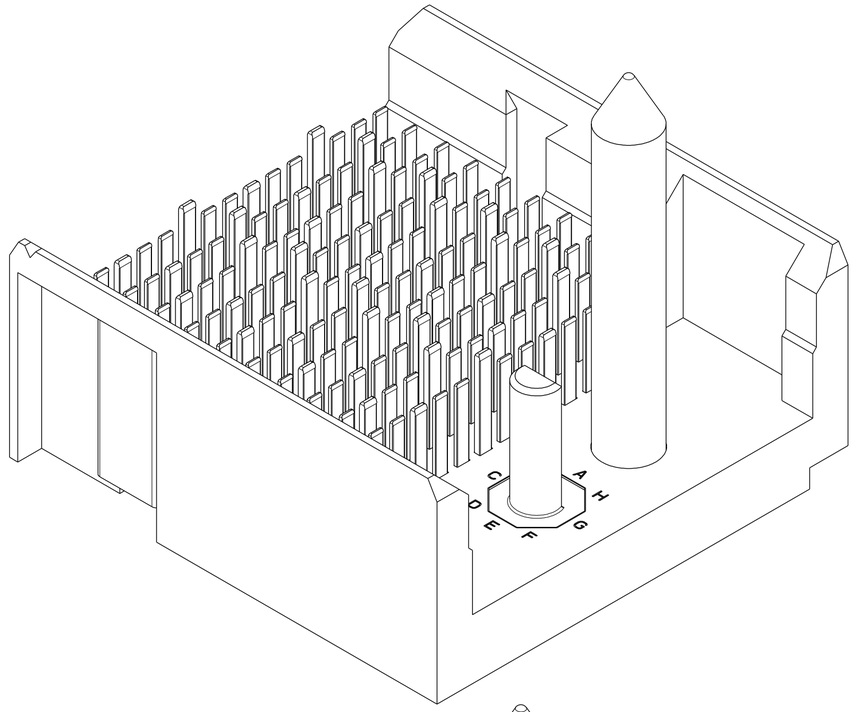
8. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

(9.) THE SCREW THREAD ON THE CONNECTOR IS 2-56 UNC -2B TAP 8.60 MM, #50 DRILL (1.778) TAP 8.80 MM.

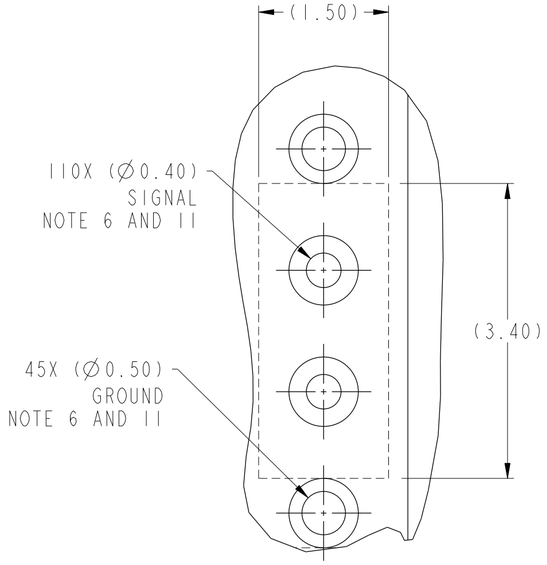
(10.) NO CIRCUIT IN THIS AREA SURFACE.

(11.) GROUND VIAS IN POSITION C, F, I, L & P FOR ODD COLUMNS AND POSITIONS D, G, J, M & P FOR EVEN COLUMNS REQUIRE (∅0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (∅0.40) FINISHED HOLES.

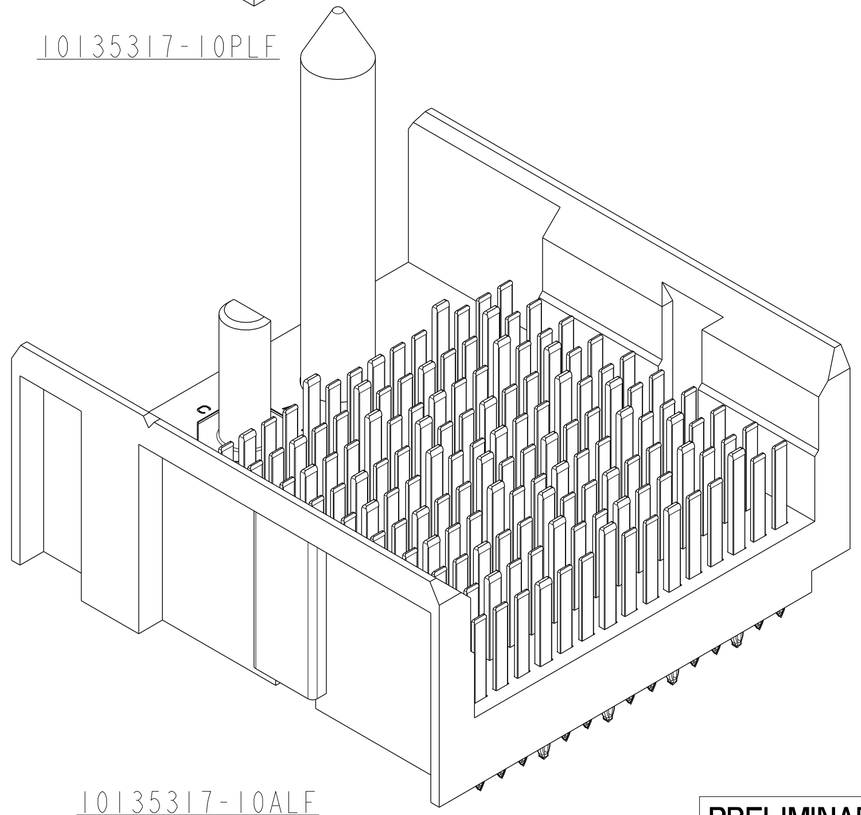
(12.) PRODUCT MARKING (PROTOTYPE, PART NUMBER & LOT CODE) ON THIS SURFACE



10135317-10PLF



DETAIL A
SCALE 20:1



10135317-10ALF

PRELIMINARY

spec ref -			dr	Jackie Chen	2015/05/27	projection	MM	size A2	scale 5:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Tao Zhan	2016/03/14				
			chr	-	-			ecn no	-
			appr	-	-	product family	AIRMAX VS2	rel level	Preliminary
surface -	linear	0.X ±0.3	Amphenol FCi	title	AIRMAX VERTICAL HEADER			dwg no	rev
		0.XX ±0.15			PRESS-FIT, 5-PAIR, 150 POS, W/G			10135317	1
		0.XXX ±0.050							
ASME Y14.5	angular	0° ±2°			cat. no. -	Product - Customer Drw		sheet 4 of 4	

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