

10135290 - 10X LF

LEAD-FREE DESIGNATION  
ONLY WITH APPLICABLE  
PLATING CODES

SEE NOTE 2

LETTER DESIGNATION REPRESENTED IN DASH NUMBER

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

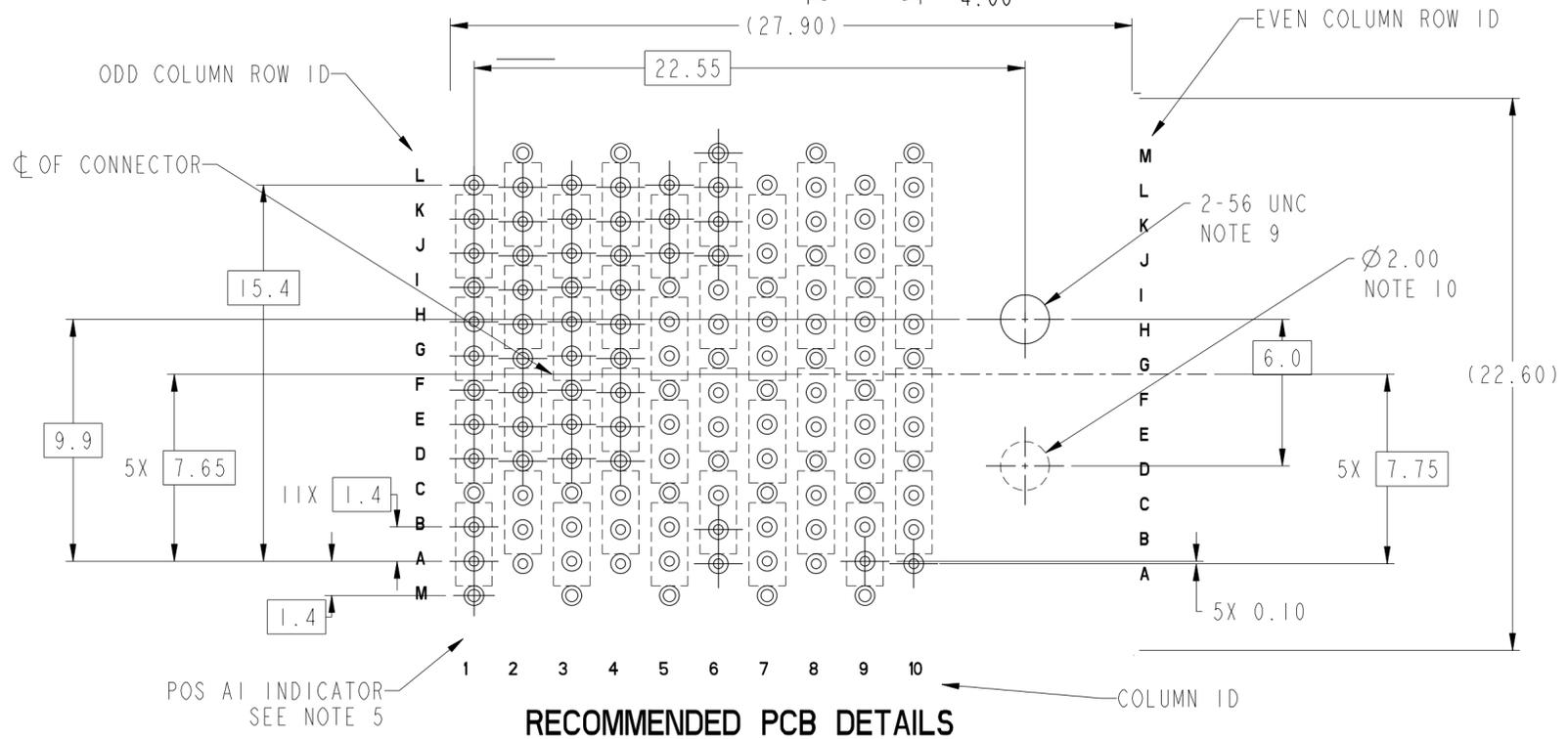
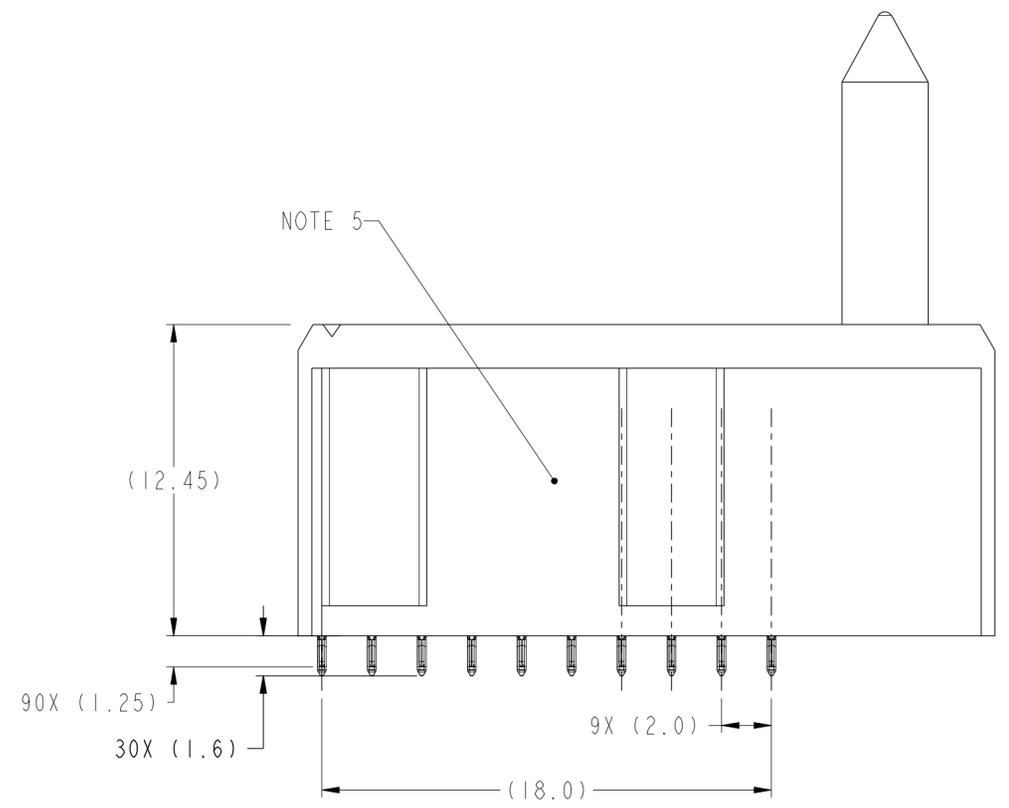
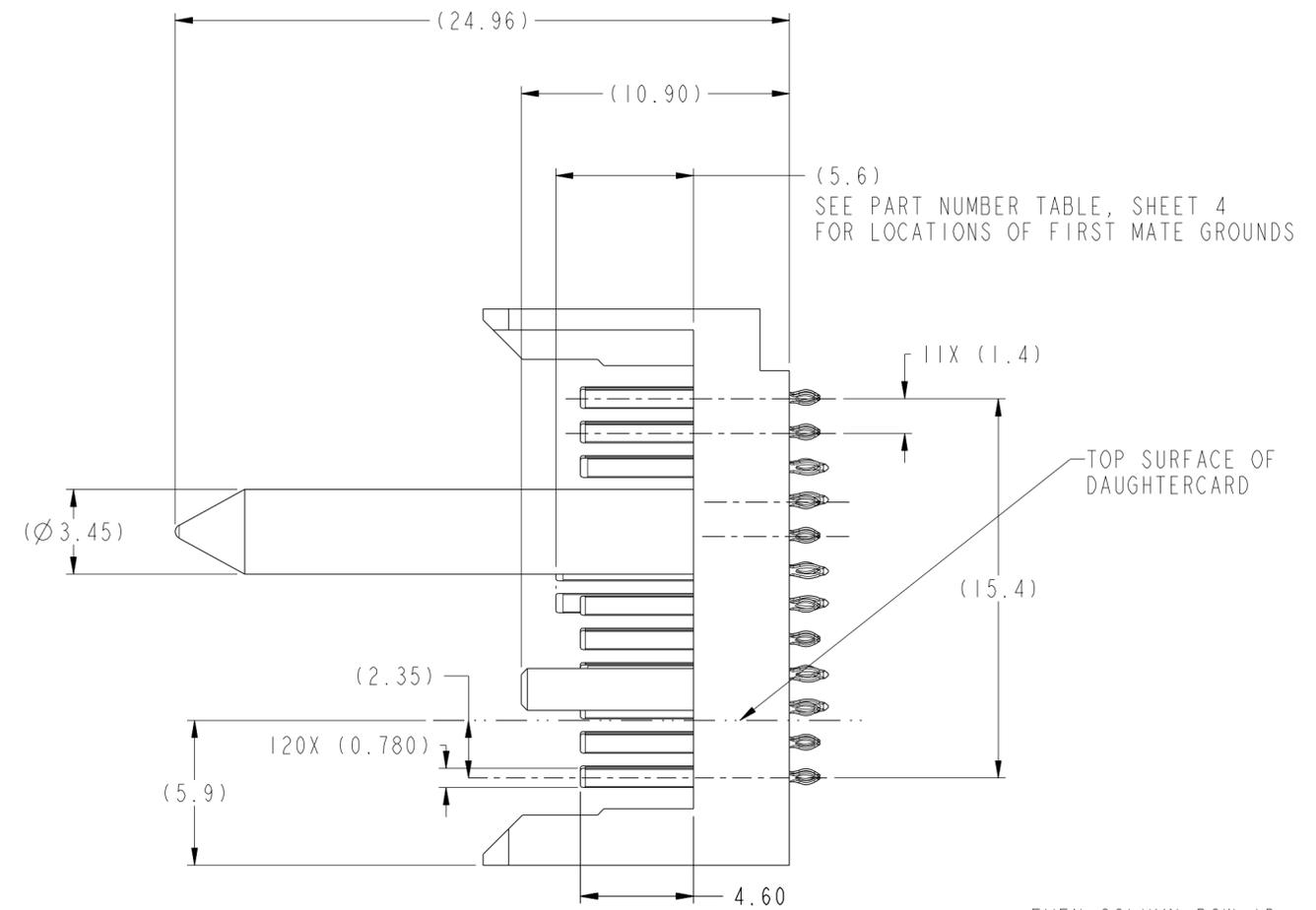
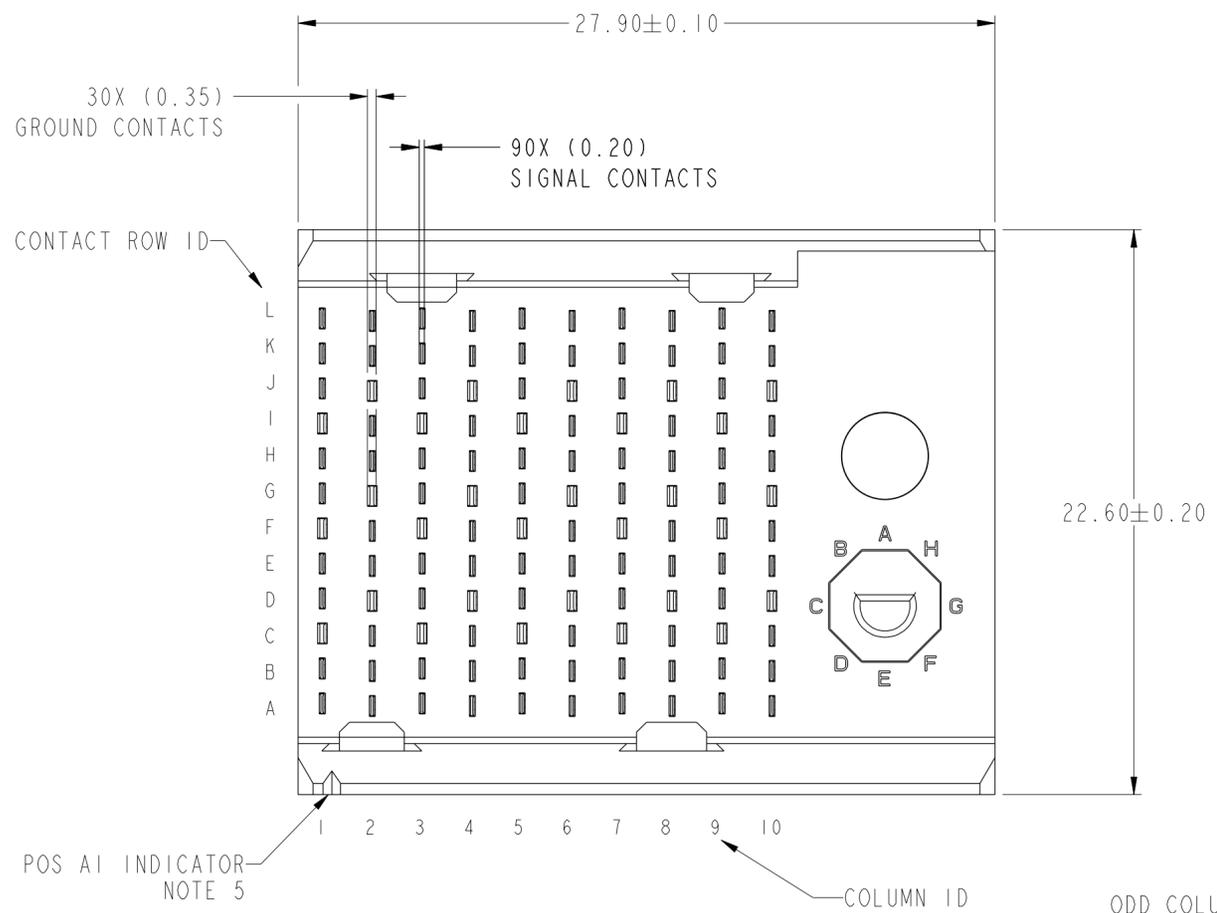
Amphenol  
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NOT TOOLED  
PRELIMINARY

spec ref	-	dr	Tao Zhan	201505/19	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Tao Zhan	201603/14	chr	-	ecn no	-	rel level	Preliminary
surface	-	appr	-	-	product family	AIRMAX VS2	cat. no.	-	Product - Customer Drw	sheet 1 of 4
ASME Y14.5	linear	0.X	±0.3	0.XX	±0.15	0.XXX	±0.050	angular	0°	±2°
		<b>Amphenol FCI</b>		TITLE		AIRMAX VERTICAL HEADER		dwg no		10135290
						PRESS-FIT, 4-PAIR, 120 POS, W/G		rev		1

RIGHT POLARIZING WITH GUIDE



RECOMMENDED PCB DETAILS  
SEE NOTE 6 & 11  
SCALE 5:1

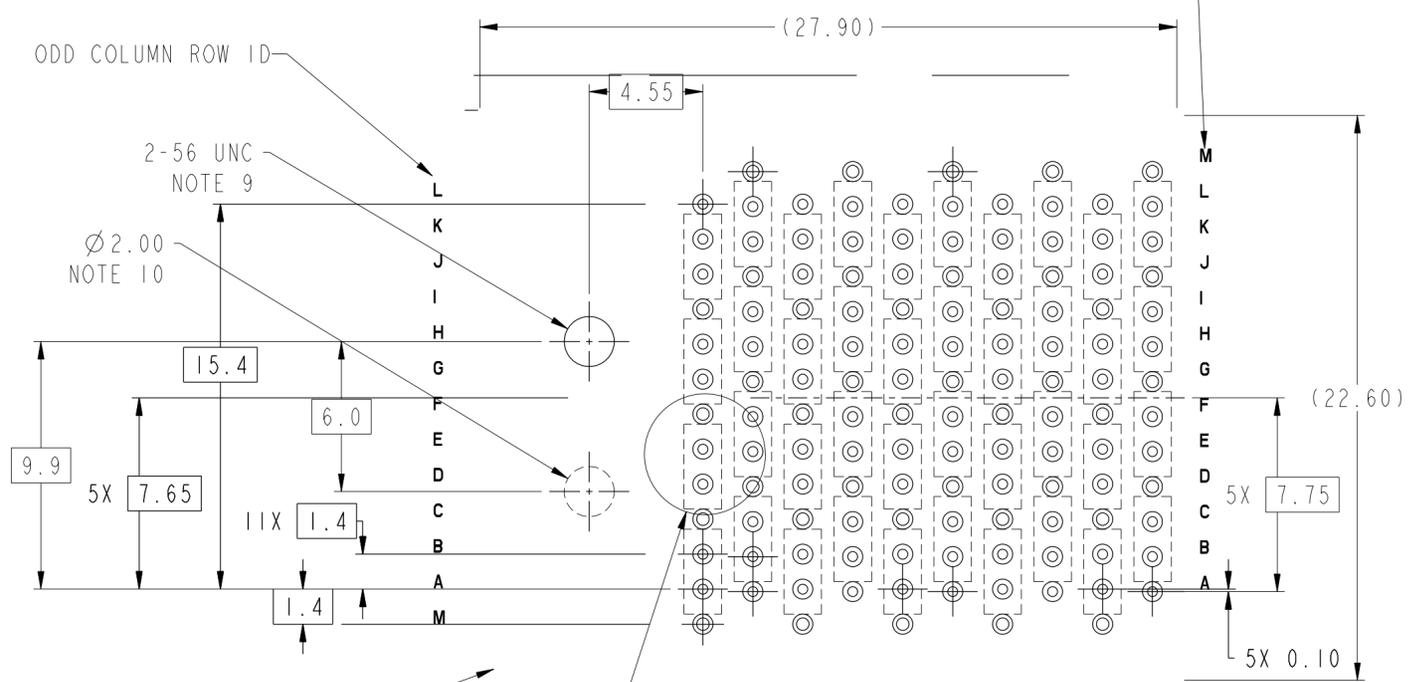
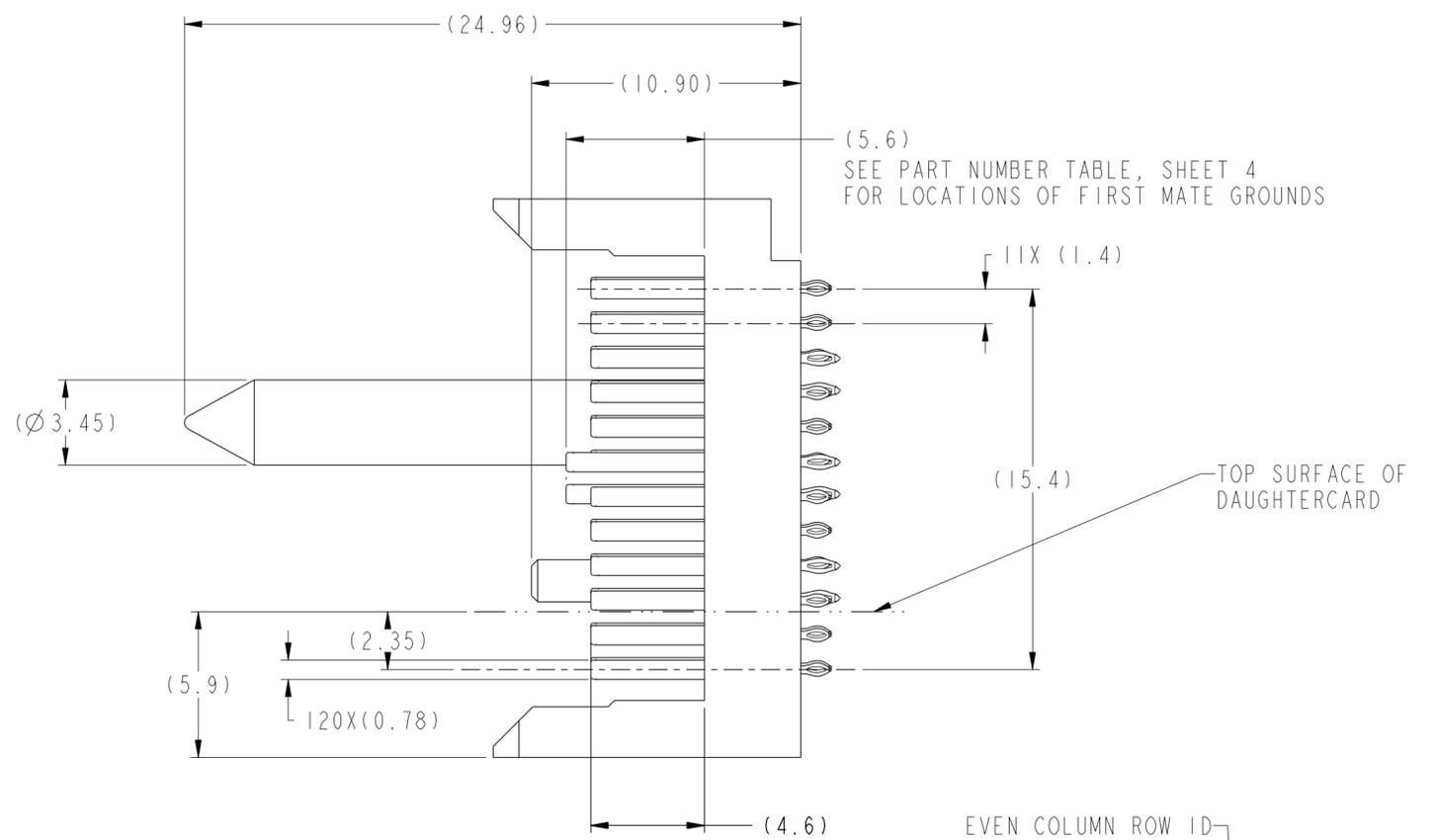
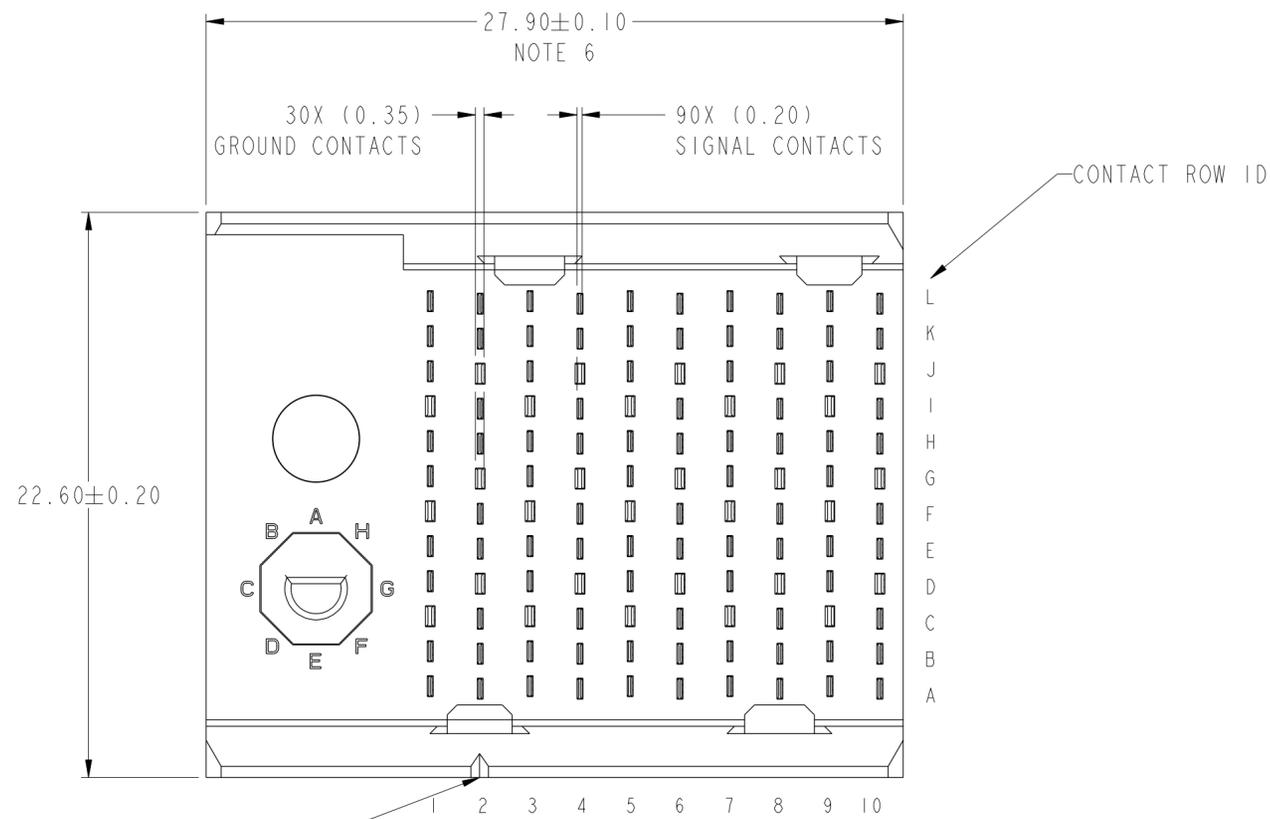
PRELIMINARY

spec ref	-	dr	Tao Zhan	20150519	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Tao Zhan	20160314	chr	-	ecn no	-	rel level	Preliminary
surface	-	appr	-	-	product family	AIRMAX VS2	cat. no.	-	Product - Customer Drw	sheet 2 of 4
ASME Y14.5	linear	0.X	±0.3	Amphenol FCI	AIRMAX VERTICAL HEADER	cat. no.	10135290	rev	1	
	angular	0°	±2°		PRESS-FIT, 4-PAIR, 120 POS, W/G					

Amphenol FCI

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LEFT POLARIZING WITH GUIDE



**RECOMMENDED PCB DETAILS**  
SEE NOTE 6 & 11  
SCALE 5:1

**PRELIMINARY**

spec ref	-	dr	Tao Zhan	20150519	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Tao Zhan	20160314	chr	-	ecn no	-	rel level	Preliminary
surface	-	appr	-	-	product family	AIRMAX VS2	cat. no.	-	Product - Customer Drw	sheet 3 of 4
ASME Y14.5	linear	0.X	±0.3	0.XX	±0.15	0.XXX	±0.050	angular	0°	±2°
<b>Amphenol FCI</b> TITLE: AIRMAX VERTICAL HEADER PRESS-FIT, 4-PAIR, 120 POS, W/G							cat. no.	-	Product - Customer Drw	sheet 3 of 4
							dwg no	10135290	rev	1

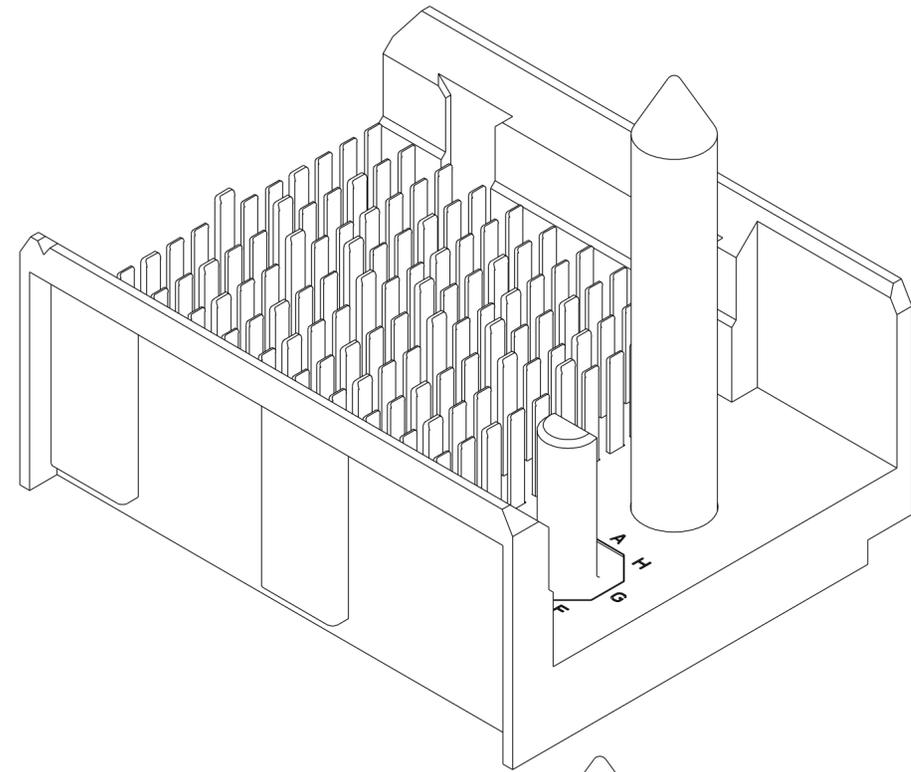
Amphenol FCI

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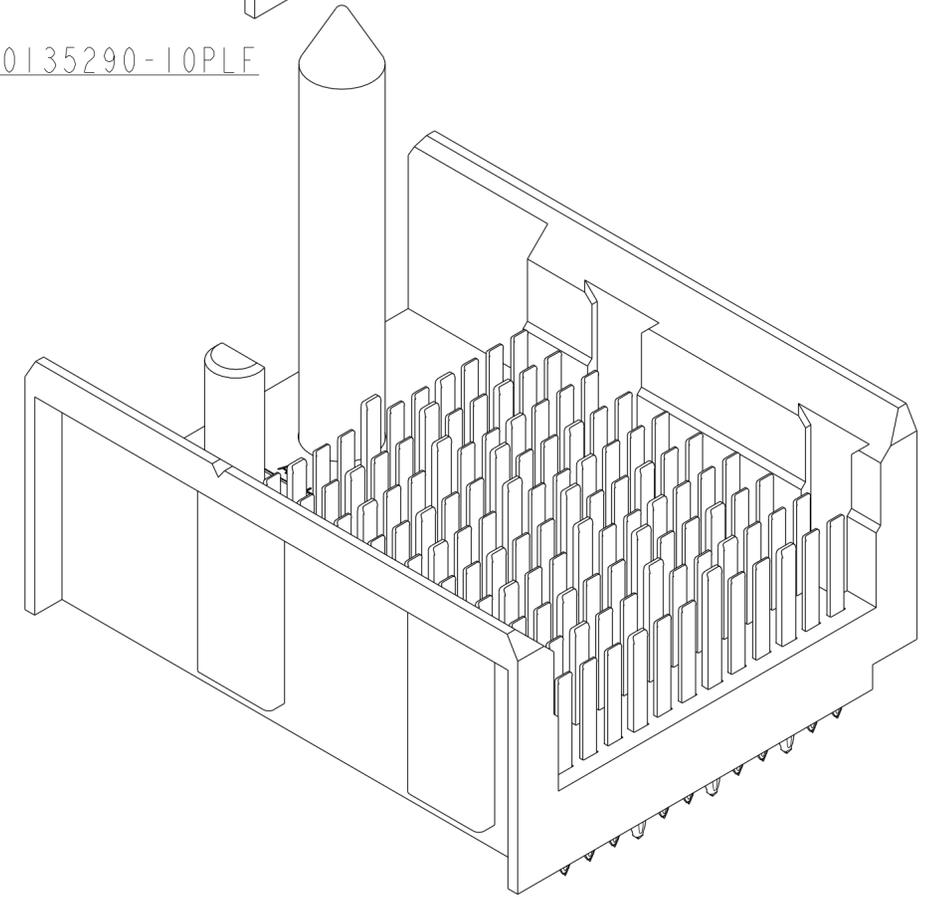
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	FIRST MATE PIN LOCATIONS
10135290-10*LF	TIN OVER NICKEL (LEAD FREE)	F1, F3, F5, F7, F9 G2, G4, G6, G8, G10

NOTES:

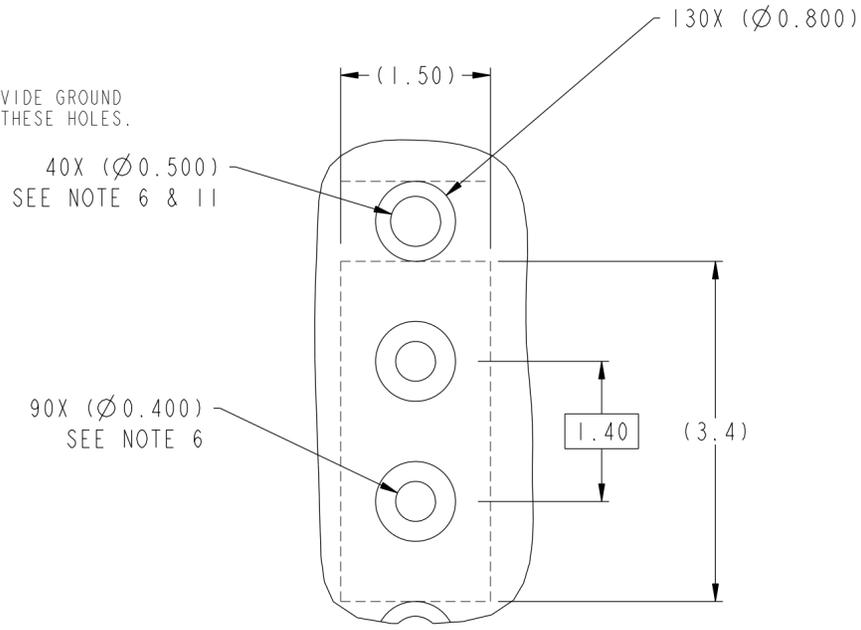
1. CONNECTOR MATERIALS:  
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0  
CONTACT: COPPER ALLOY
2. CONTACT PLATING:  
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL 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 AI 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. 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.



10135290-10PLF



10135290-10ALF



DETAIL A  
SCALE 20:1

PRELIMINARY

spec ref	-	dr	Tao Zhan	201505/19	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Tao Zhan	201603/14			ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	product family			AIRMAX VS2			
surface	-	appr	-	title	AIRMAX VERTICAL HEADER		cat. no.	-	Product - Customer Drw	sheet 4 of 4
ASME Y14.5	linear	0.X	±0.3	Amphenol FCI	PRESS-FIT, 4-PAIR, 120 POS, W/G		cat. no.	10135290	rev	1
	angular	0°	±2°							

Amphenol FCI

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