

10135317 - 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)	N	J (NO KEY)	A	B	C	D	E	F	G	H	
	NO KEY NO GUIDE PIN										
RIGHT POLARIZING GUIDANCE MODULE (SEE SHEET 2)	Z	Y (NO KEY)	P	Q	R	S	T	U	V	W	
	NO KEY NO GUIDE PIN										

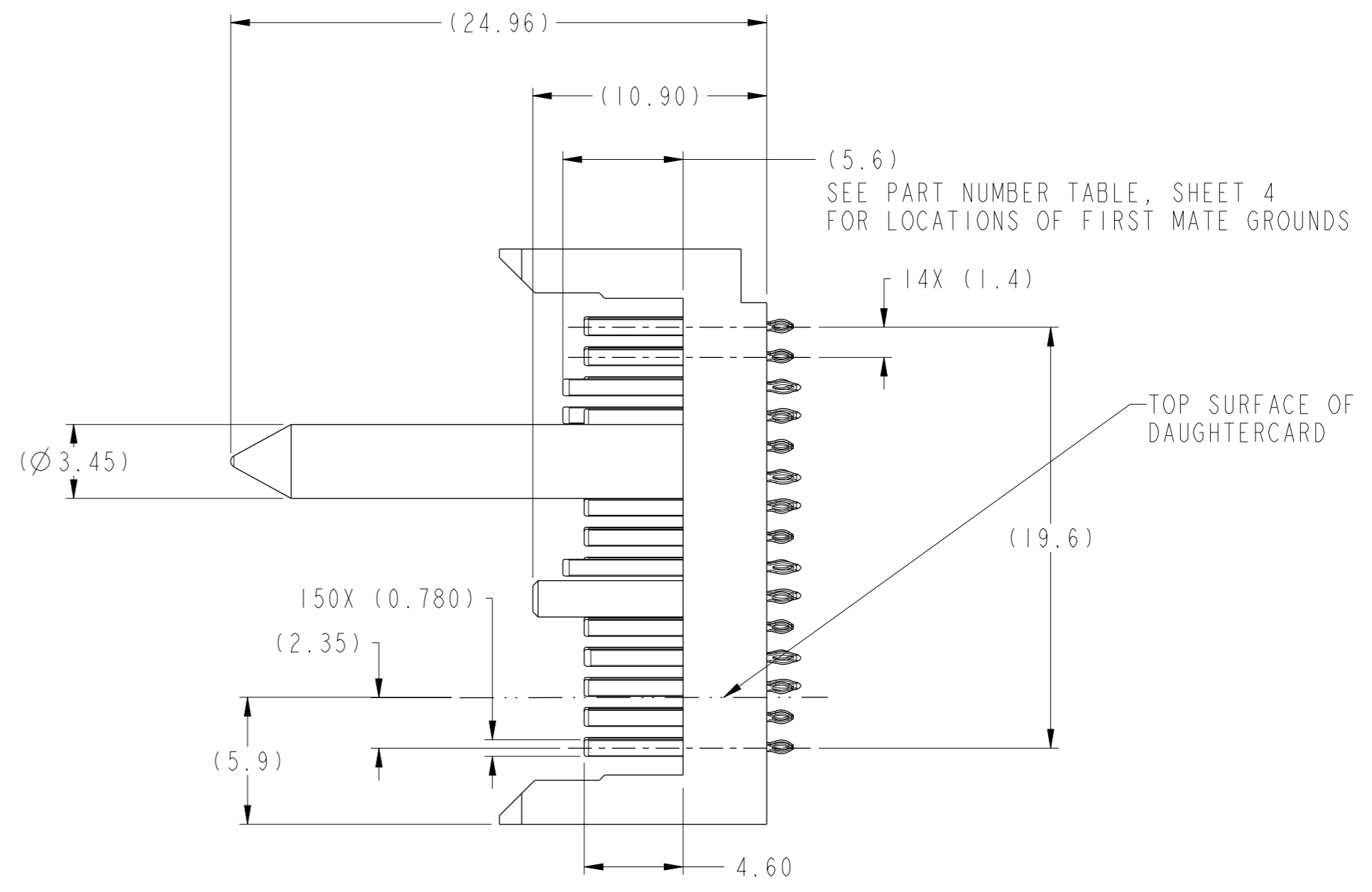
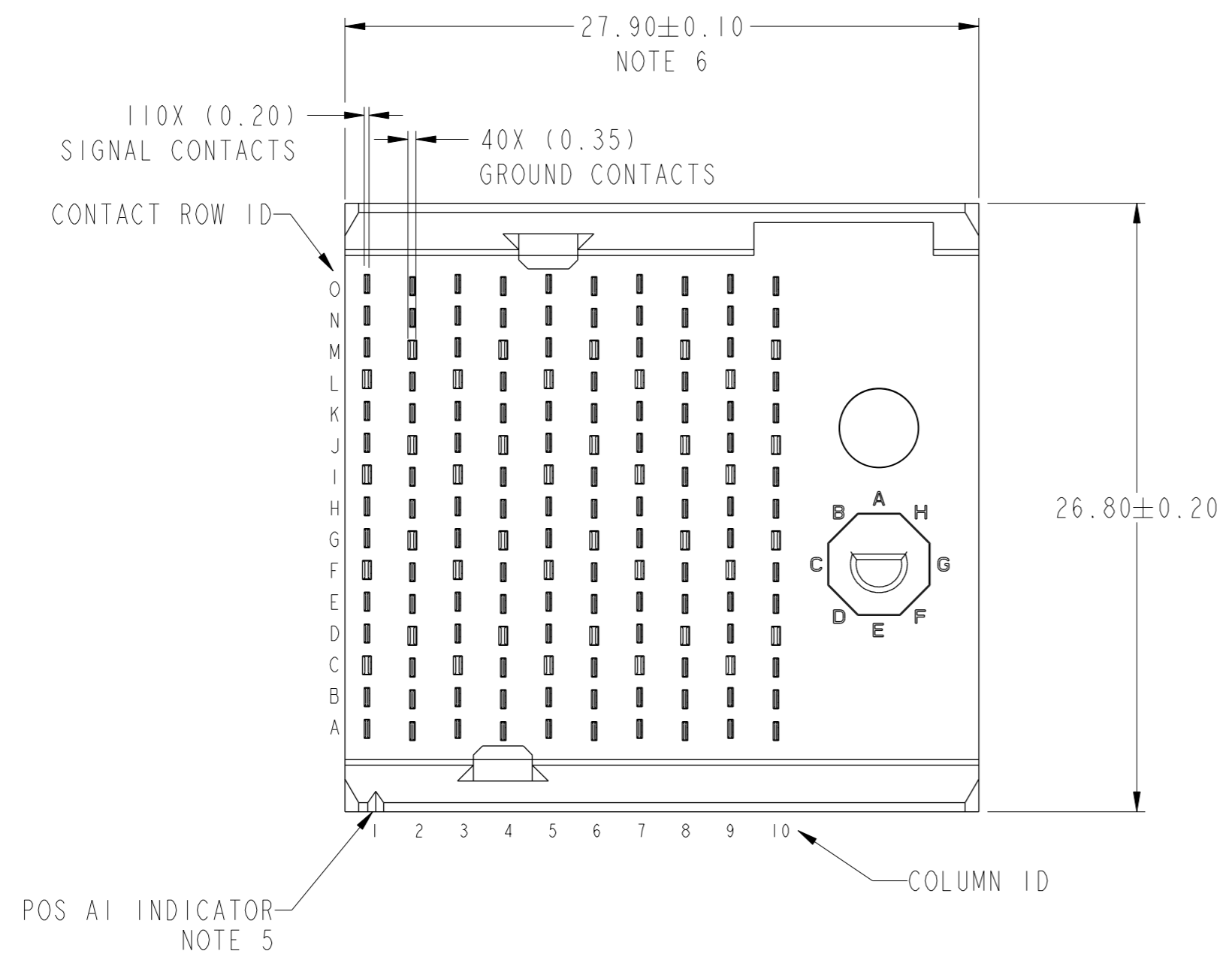
NOT TOOLED
PRELIMINARY

spec ref	-	dr	Jackie Chen	20150527	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 1 of 4
ASME Y14.5	linear	0.X	±0.3	0.XX	±0.15	0.XXX	±0.050	angular	0°	±2°
		Amphenol FCI		TITLE		AIRMAX VERTICAL HEADER		dwg no		10135317
						PRESS-FIT, 5-PAIR, 150 POS, W/G		rev		1

Amphenol FCI

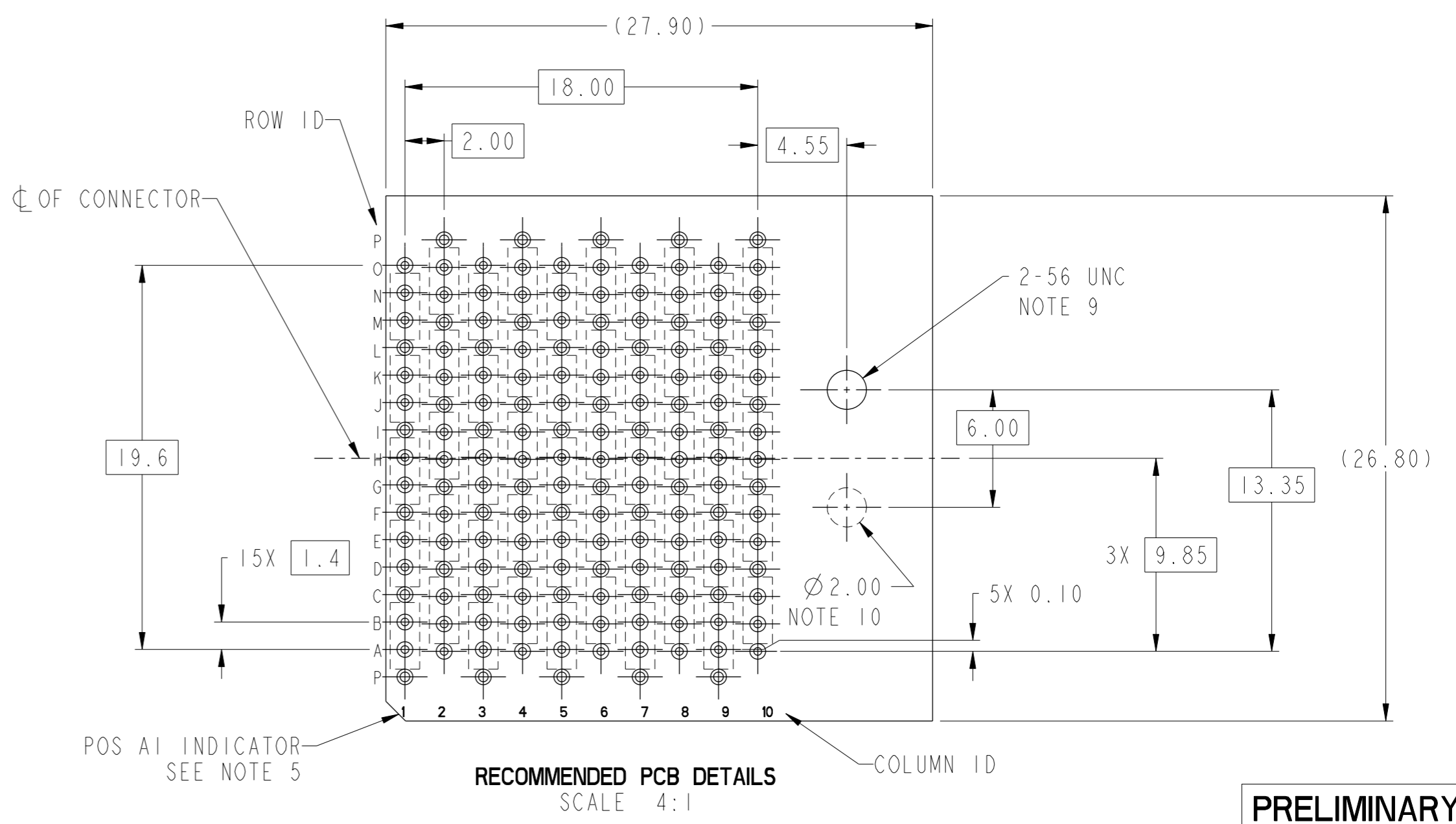
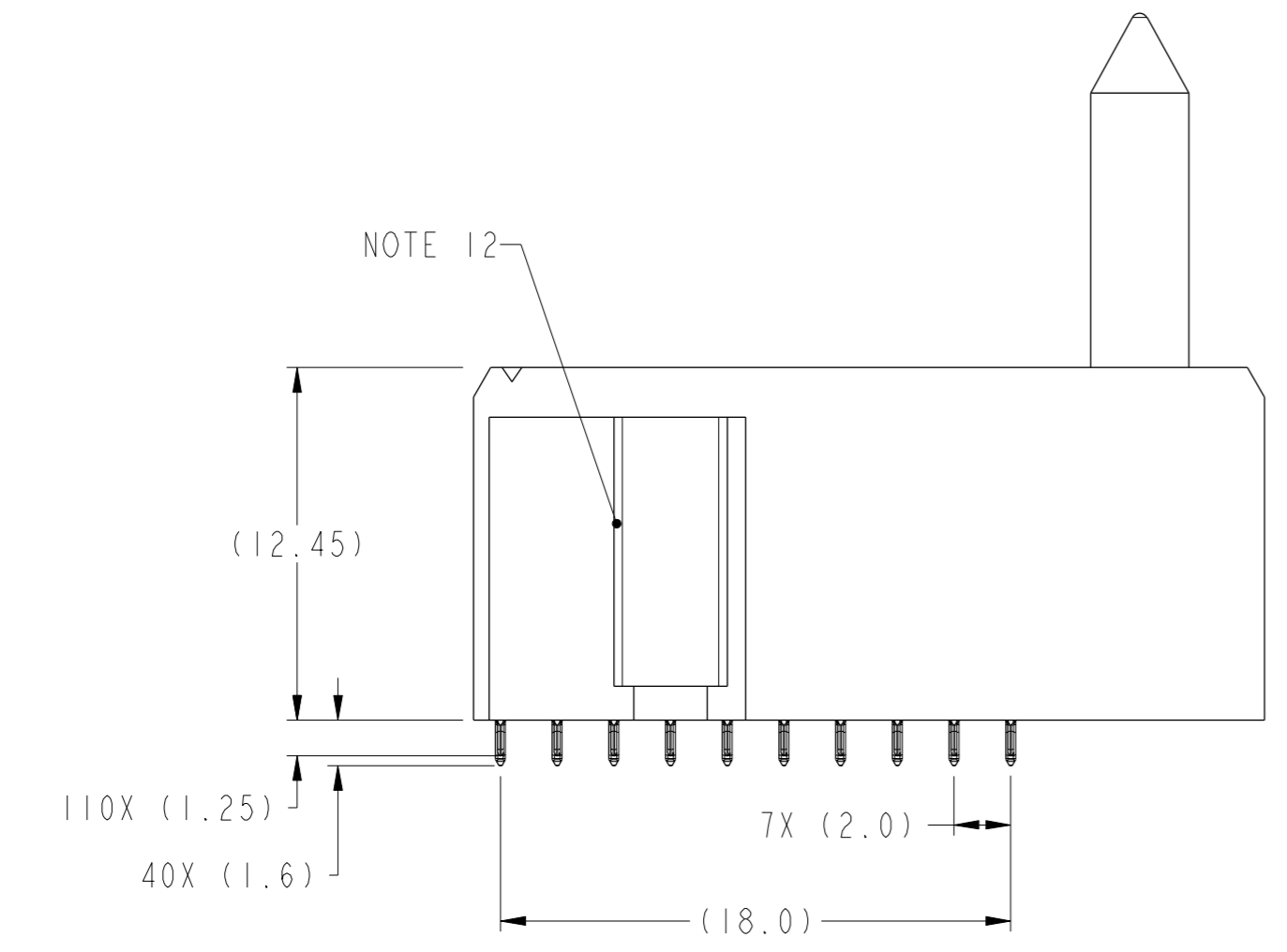
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RIGHT POLARIZING WITH GUIDE



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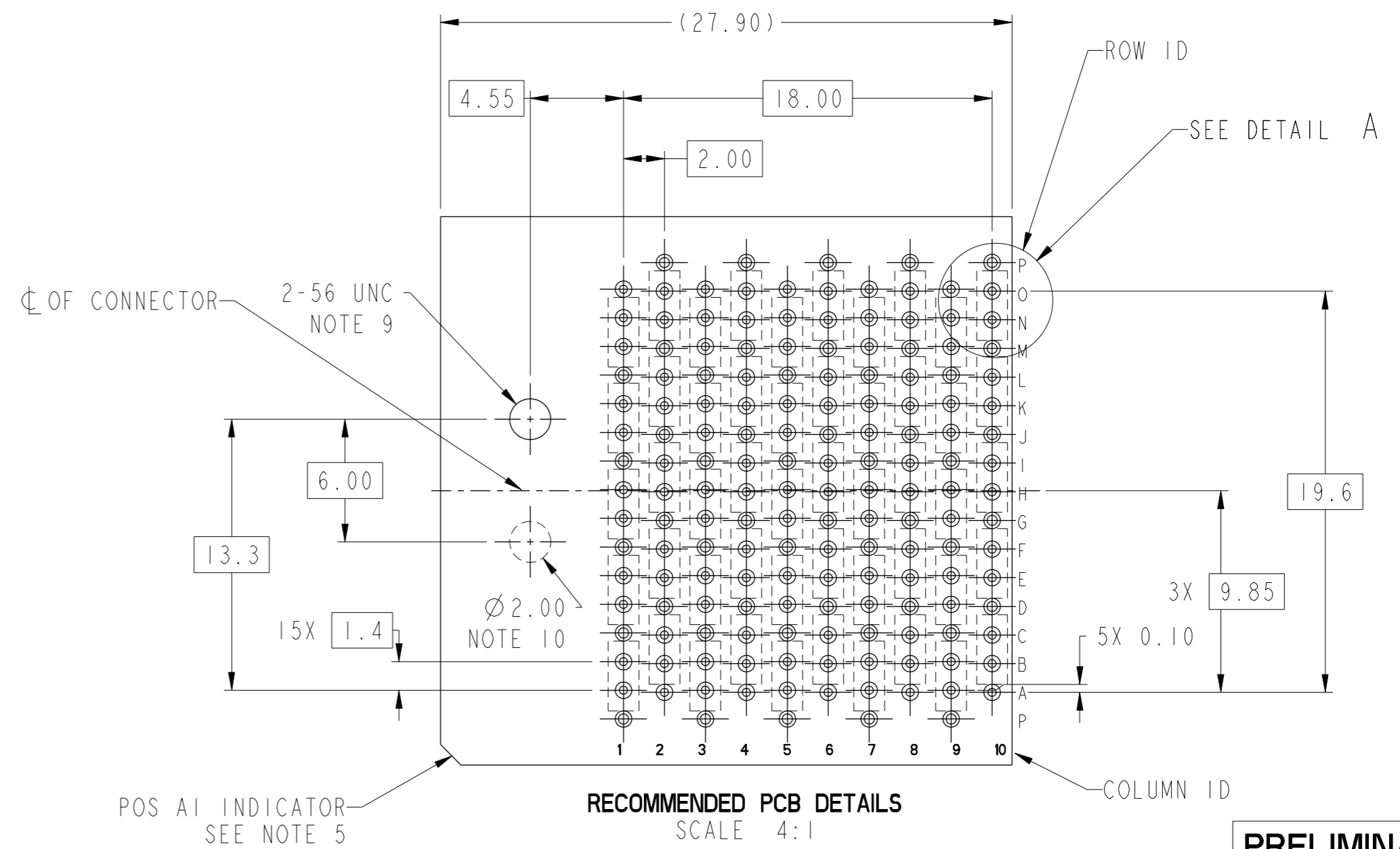
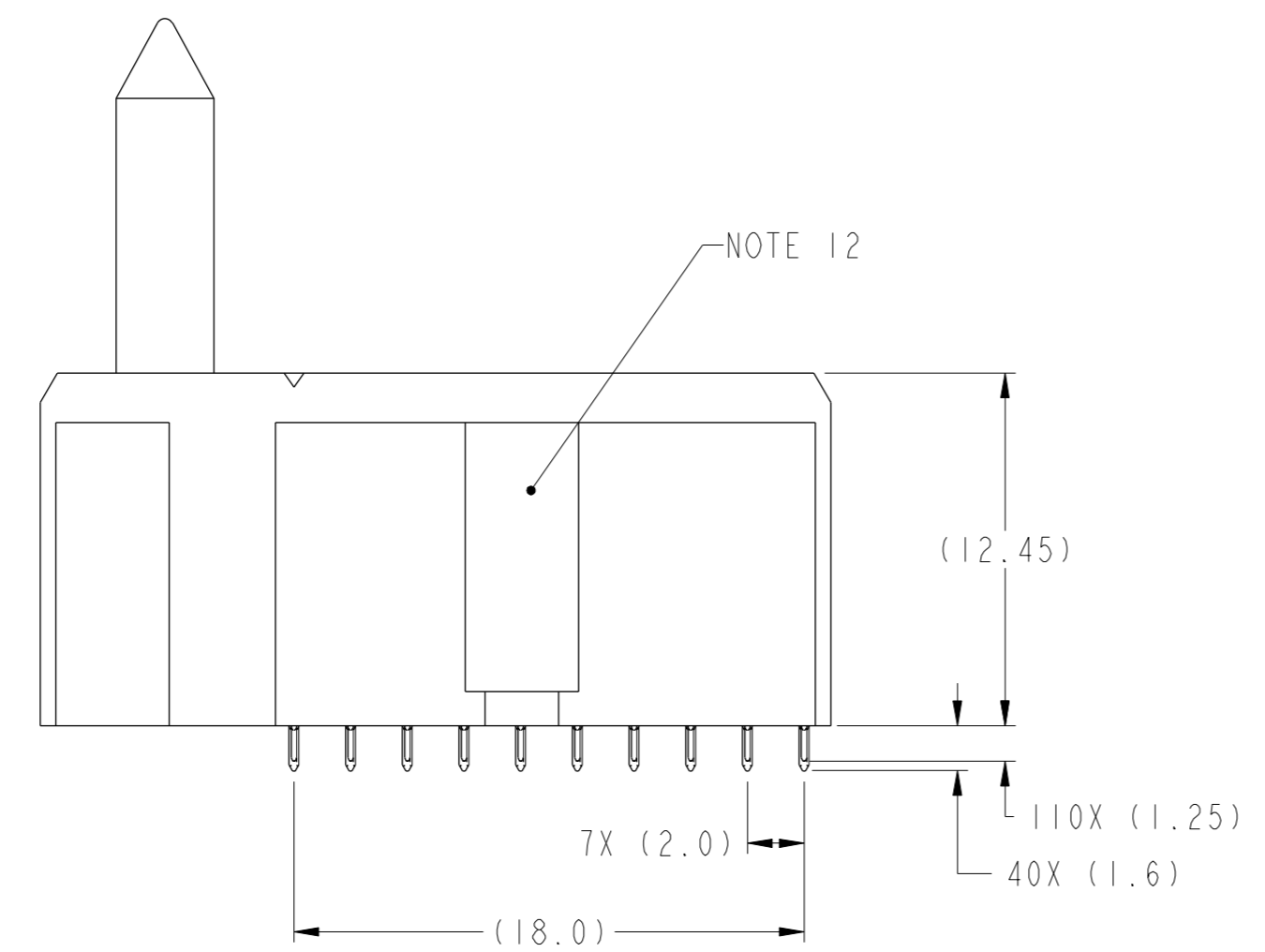
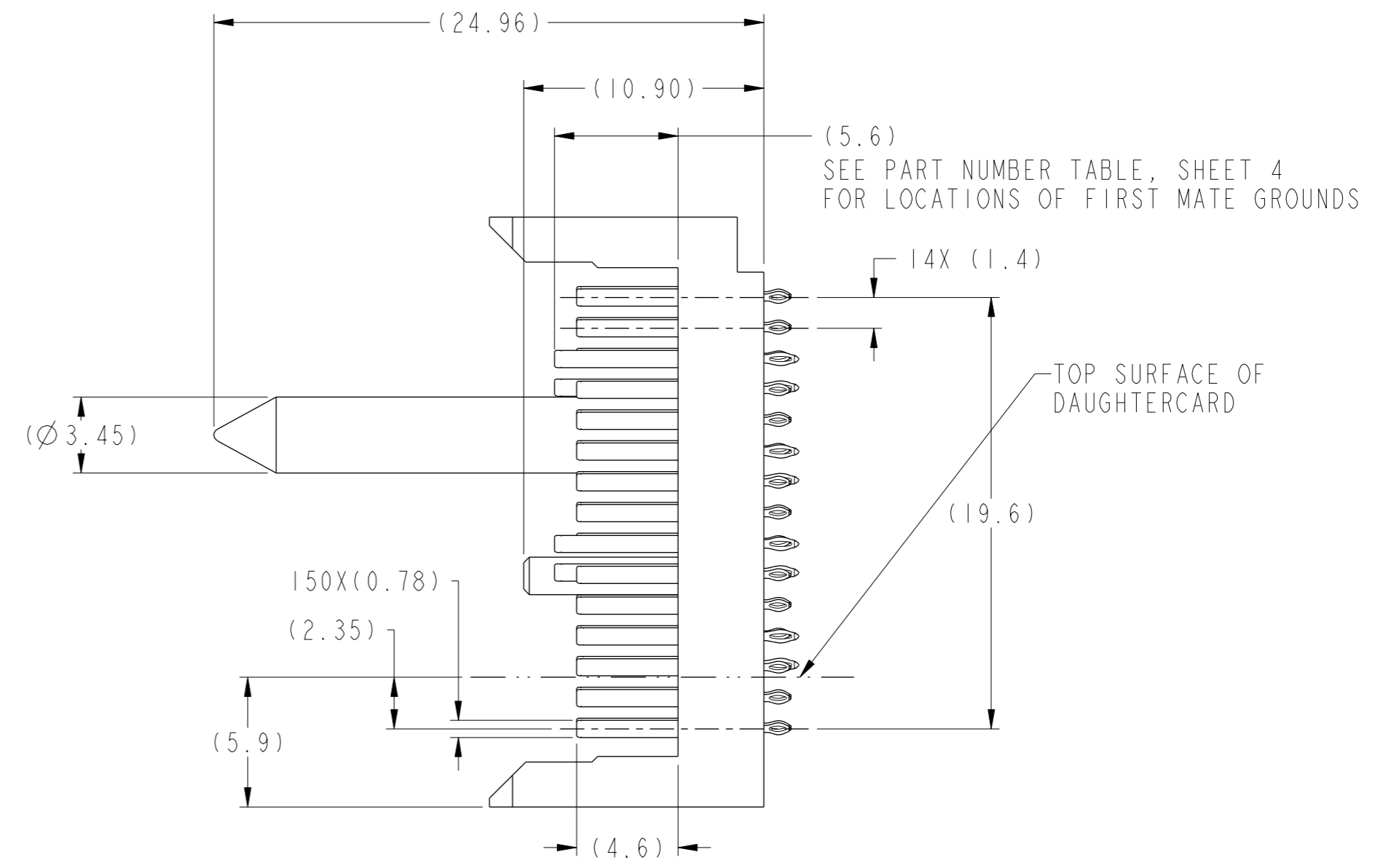
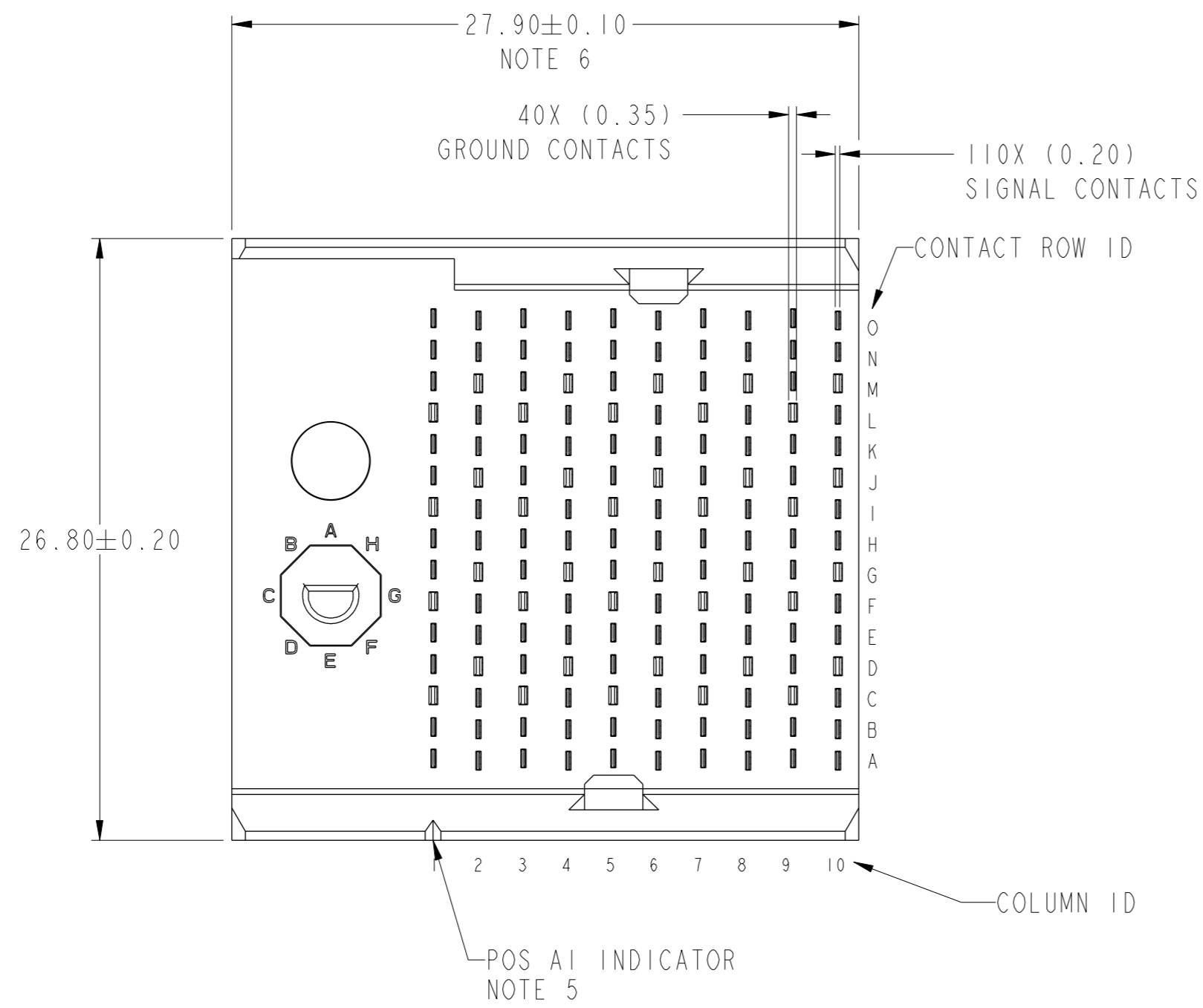


RECOMMENDED PCB DETAILS
 SCALE 4:1

PRELIMINARY

spec ref	-	dr	Jackie Chen	2015/05/27	projection	MM	size	A2	scale	4:1
tolerance std	ASME Y14.5	eng	Tao Zhan	2016/03/14	chr	-	ecn no	-	rel level	Preliminary
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	-	-	product family	AIRMAX VS2	cat. no.	-	Product - Customer Drw	sheet 2 of 4
surface	linear	0.X	±0.3	Amphenol FCI	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°							

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	eng	Tao Zhan	2016/03/14	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	Amphenol FCI	AIRMAX VERTICAL HEADER	10135317	1			
		0.XX	±0.15		PRESS-FIT, 5-PAIR, 150 POS, W/G					
		0.XXX	±0.050							
	angular	0°	±2°							

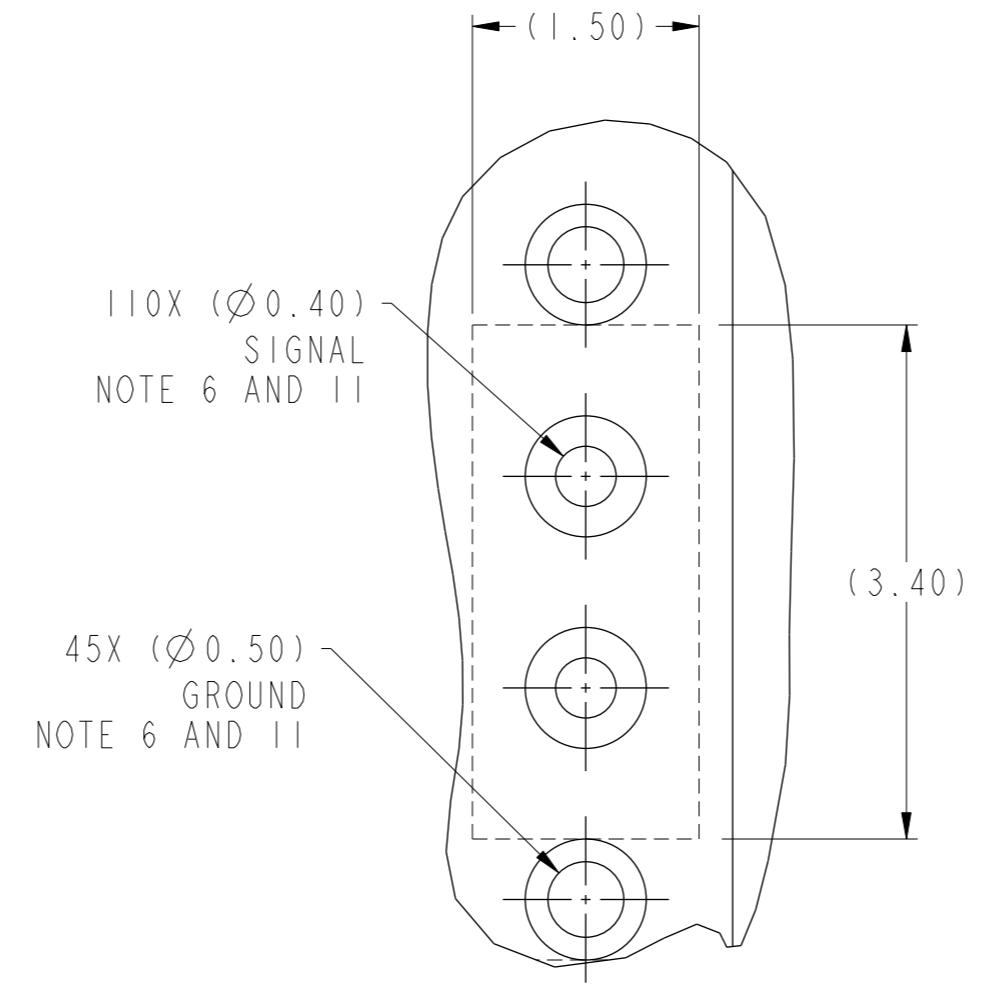
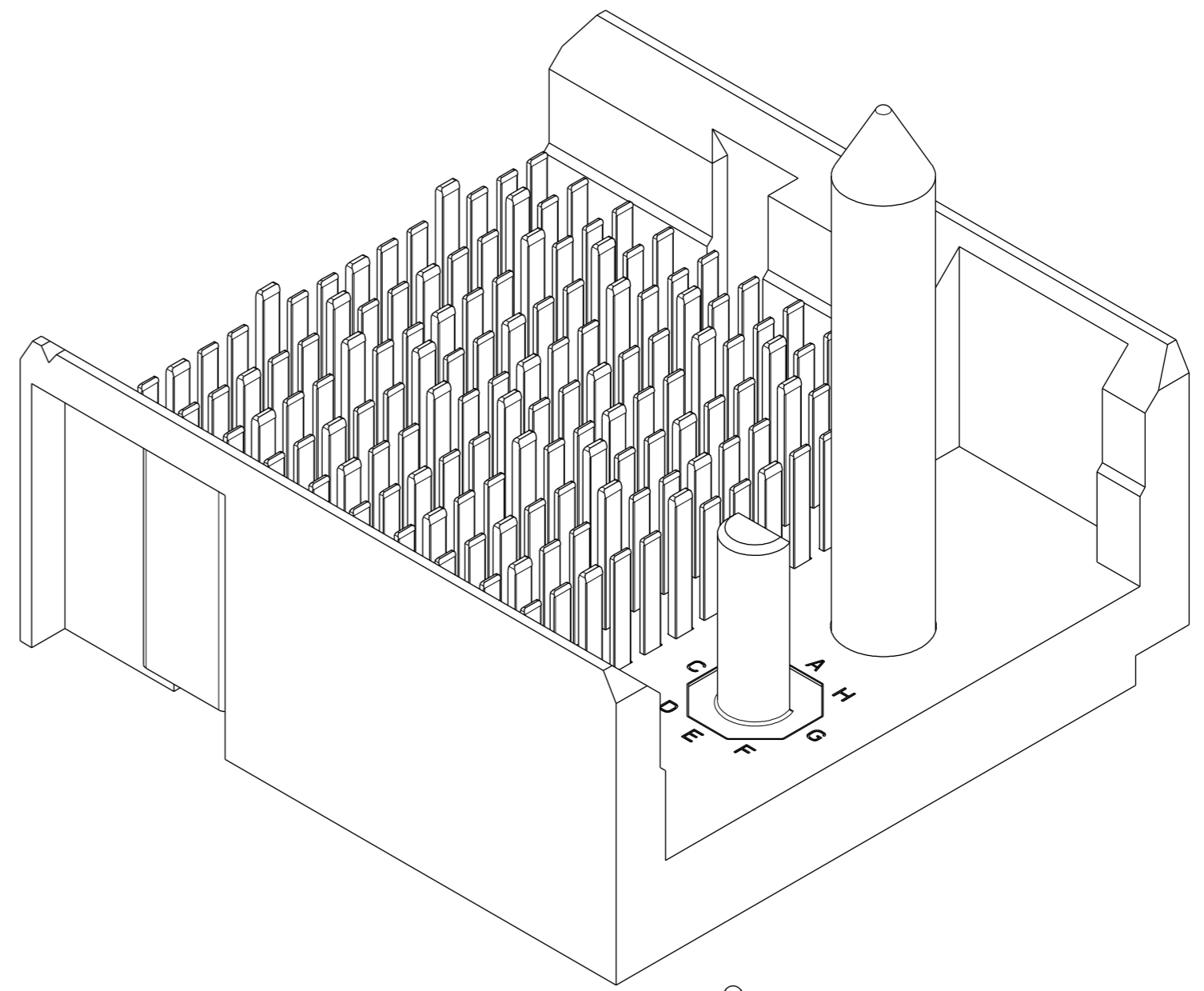
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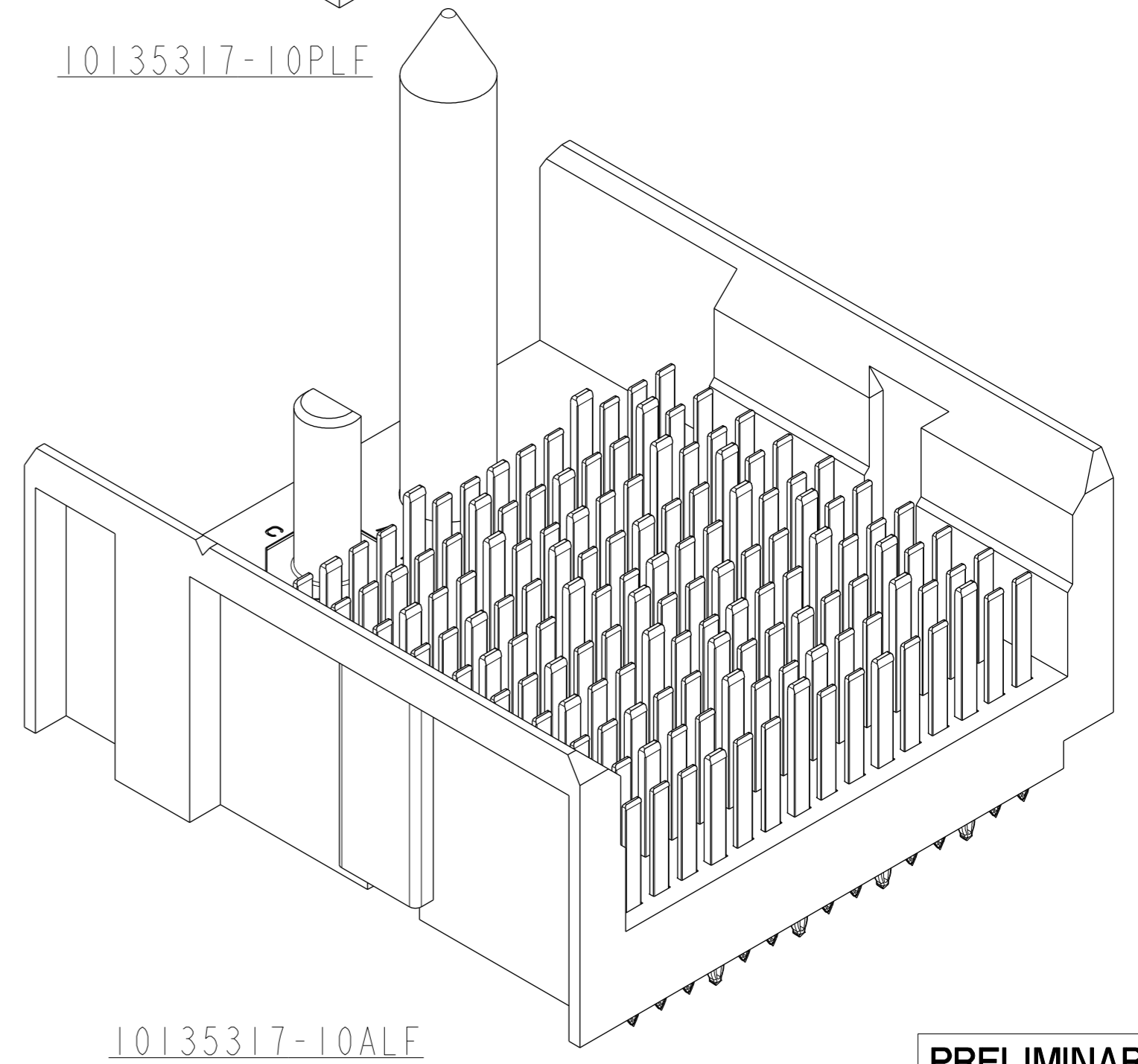
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	FIRST MATE PIN LOCATIONS
10135317-10*LF	TIN OVER NICKEL (LEAD FREE)	F1, F3, F5, F7, F9 G2, G4, G6, G8, G10 L1, L3, L5, L7, L9 M2, M4, M6, M8, M10

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 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. GROUND VIAS IN POSITION C, F, I, L & P FOR ODD COLUMNS AND POSITIONS D, G, J, M & P FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.
12. PRODUCT MARKING (PROTOTYPE, PART NUMBER & LOT CODE) ON THIS SURFACE



DETAIL A
SCALE 20:1



PRELIMINARY

spec ref	-	dr	Jackie Chen	20150527	projection	MM	size	A2	scale	5:1			
tolerance std	ASME Y14.5	eng	Tao Zhan	20160314	chr	-	ecn no	-	rel level	Preliminary			
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	-	-	product family	AIRMAX VS2	cat. no.	-	Product - Customer Drw	sheet 4 of 4			
surface	-	linear	0.X	±0.3	0.XX	±0.15	0.XXX	±0.050	angular	0°	±2°		
ASME Y14.5		Amphenol FCI		TITLE		AIRMAX VERTICAL HEADER		PRES-FIT, 5-PAIR, 150 POS, W/G		cat. no.	-	Product - Customer Drw	sheet 4 of 4
										cat. no.	-	Product - Customer Drw	sheet 4 of 4

Amphenol FCI

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