

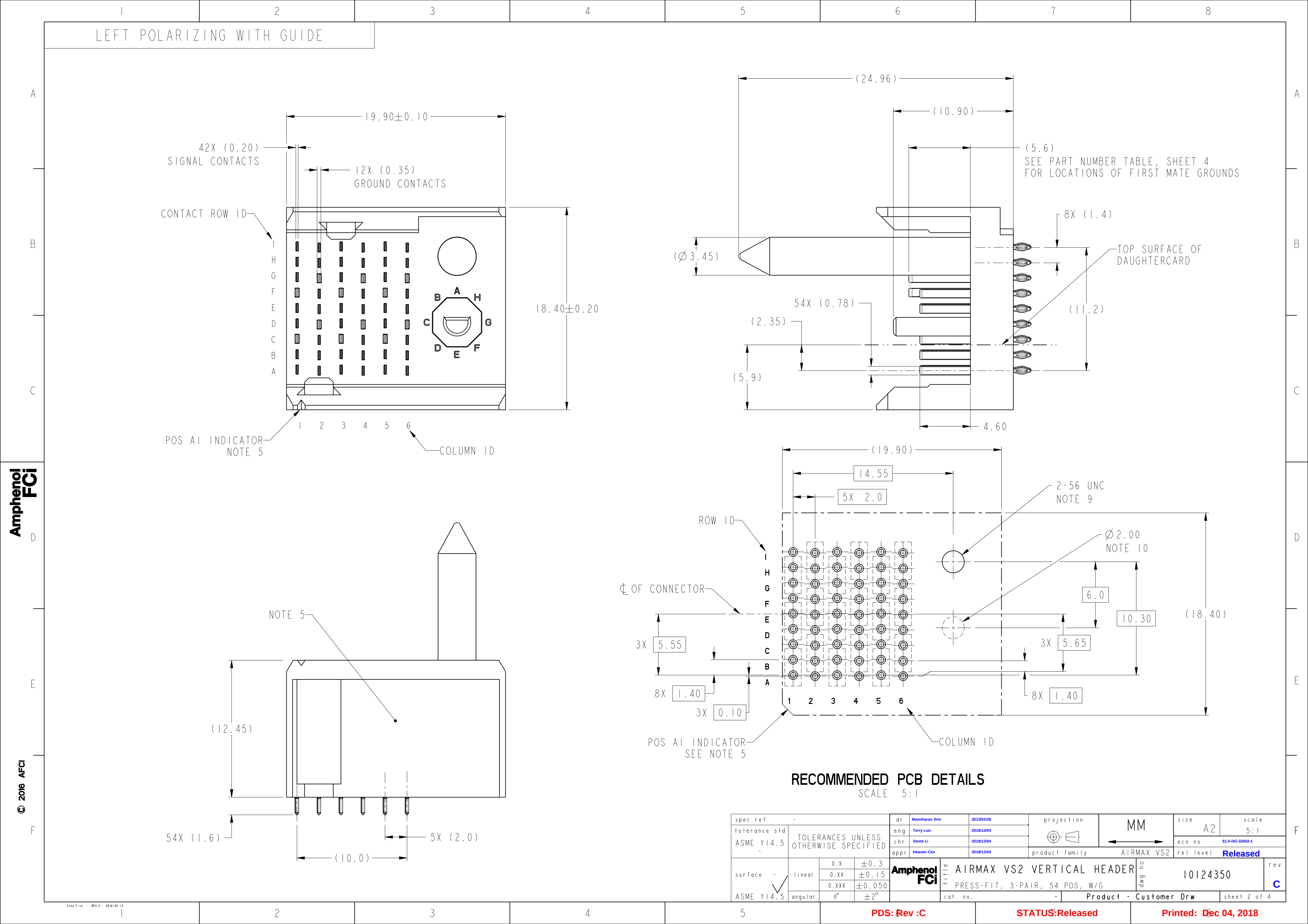
10124350 - 10X LF

LEAD-FREE DESIGNATION
ONLY WITH APPLICABLE
PLATING CODES

SEE NOTE 2

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

spec ref		-		dr	Manoharan Srin	2013/02/28	projection		MM	size	A2	scale	5:1
tolerance std		ASME Y14.5		eng	Terry Luo	2018/12/04	product family	AIRMAX VS2	ecn no	ELX-DG-32002-1	rel level	Released	
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	Stone Li	2018/12/04									
		appr	Heaven Cen	2018/12/04									
surface	-	linear	0.X	±0.3	Amphenol FCI	title	AIRMAX VS2 VERTICAL HEADER	dwg no	10124350	rev	C		
ASME Y14.5	✓		0.XX	±0.15									
		angular	0°	±2°									
cat. no.					Product - Customer Drw					sheet 1 of 4			



LEFT POLARIZING WITH GUIDE

42X (0.20)
SIGNAL CONTACTS

12X (0.35)
GROUND CONTACTS

CONTACT ROW ID

H
G
F
E
D
C
B
A

A
B
C
D
E
F
G
H

18.40 ± 0.20

POS AI INDICATOR
NOTE 5

COLUMN ID

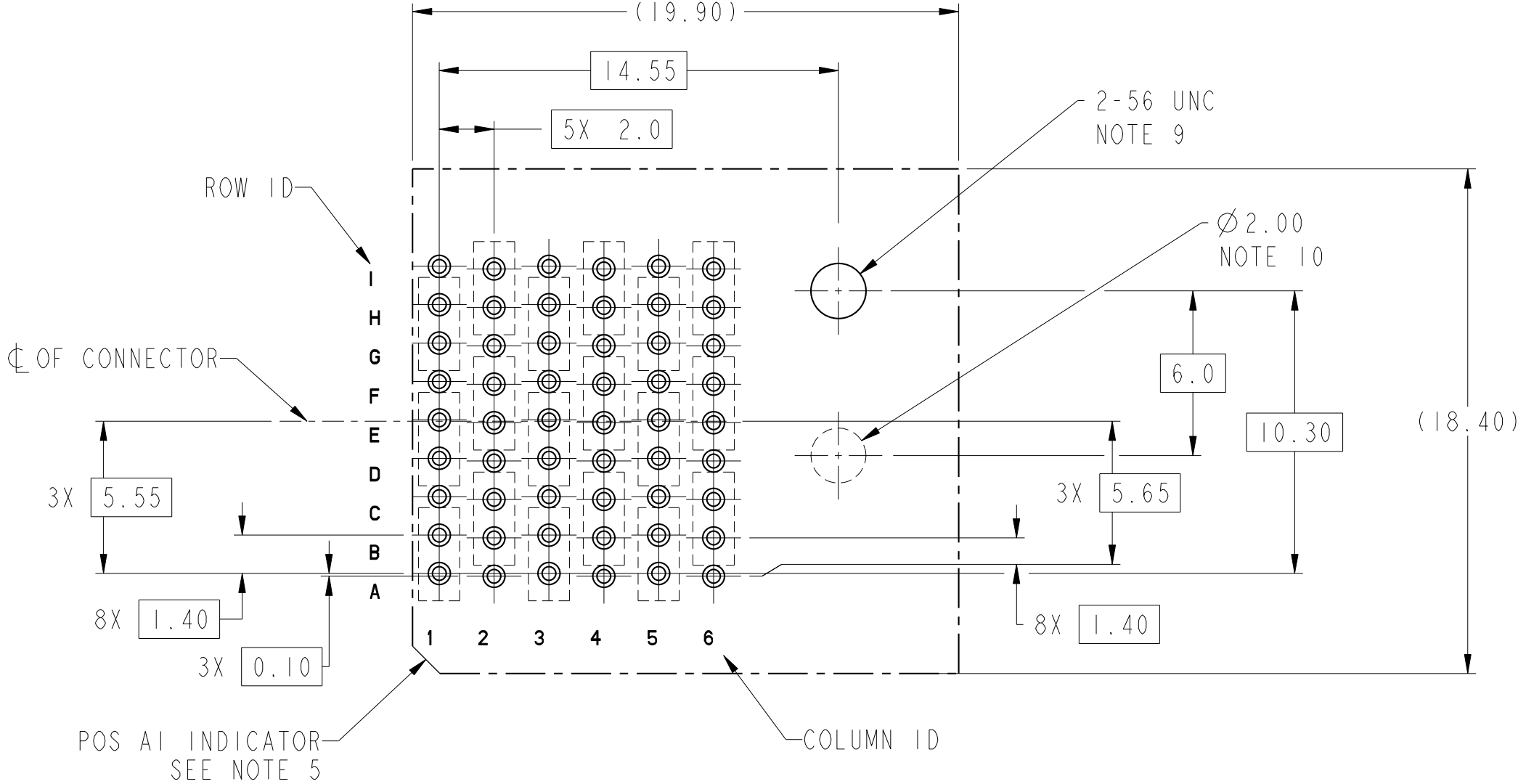
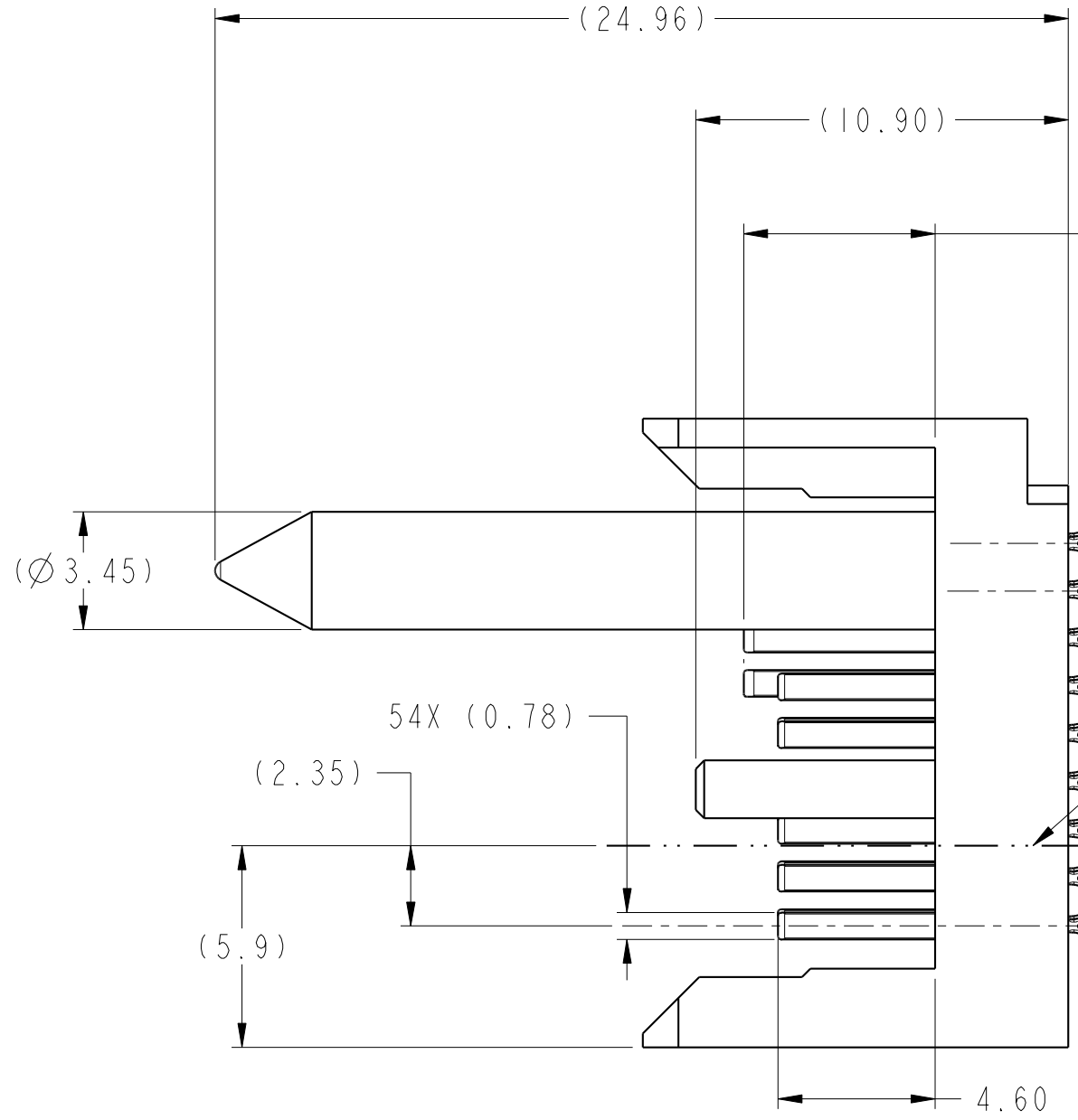
NOTE 5

(12.45)

54X (1.6)

5X (2.0)

(10.0)



RECOMMENDED PCB DETAILS
SCALE 5:1

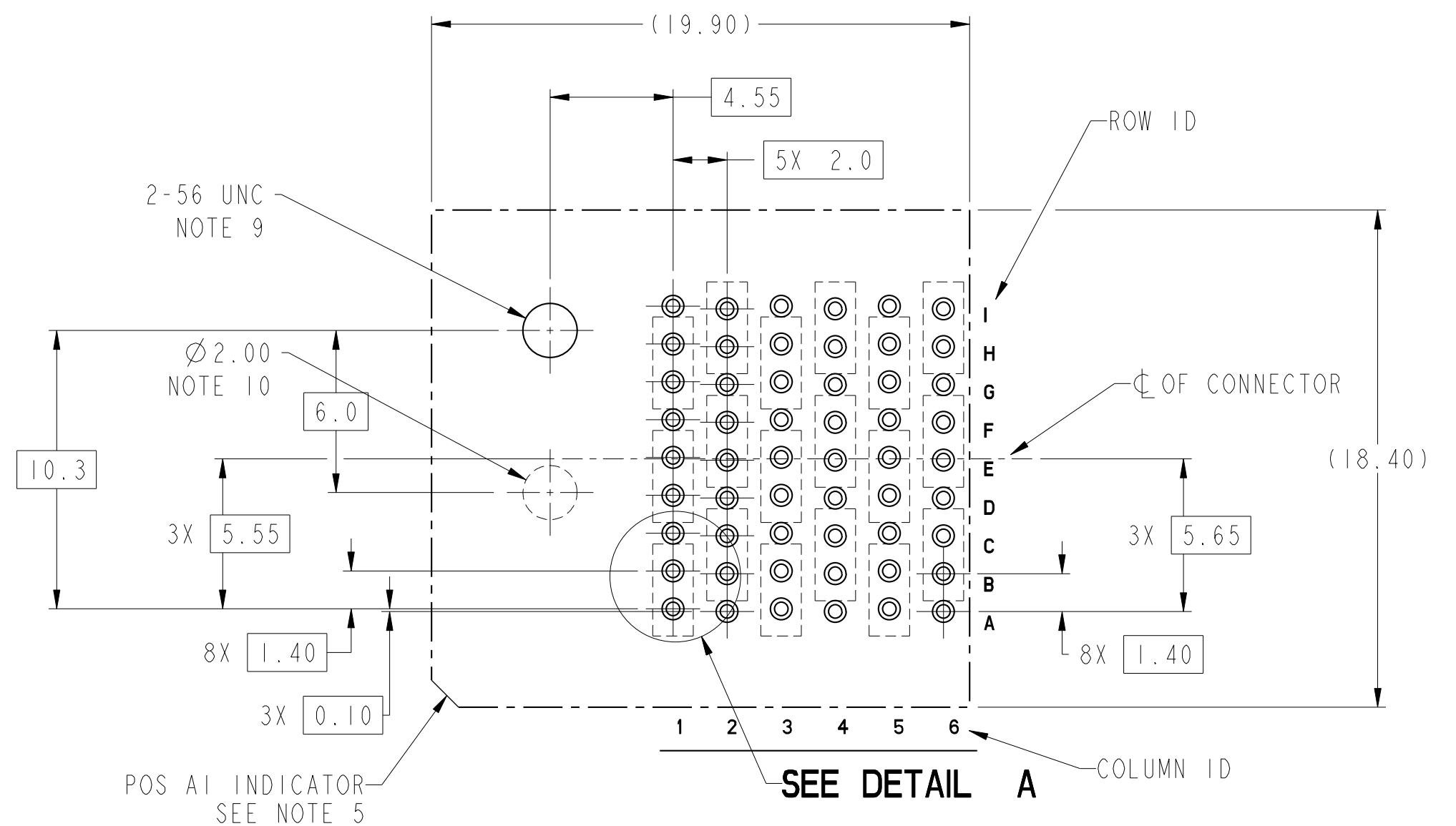
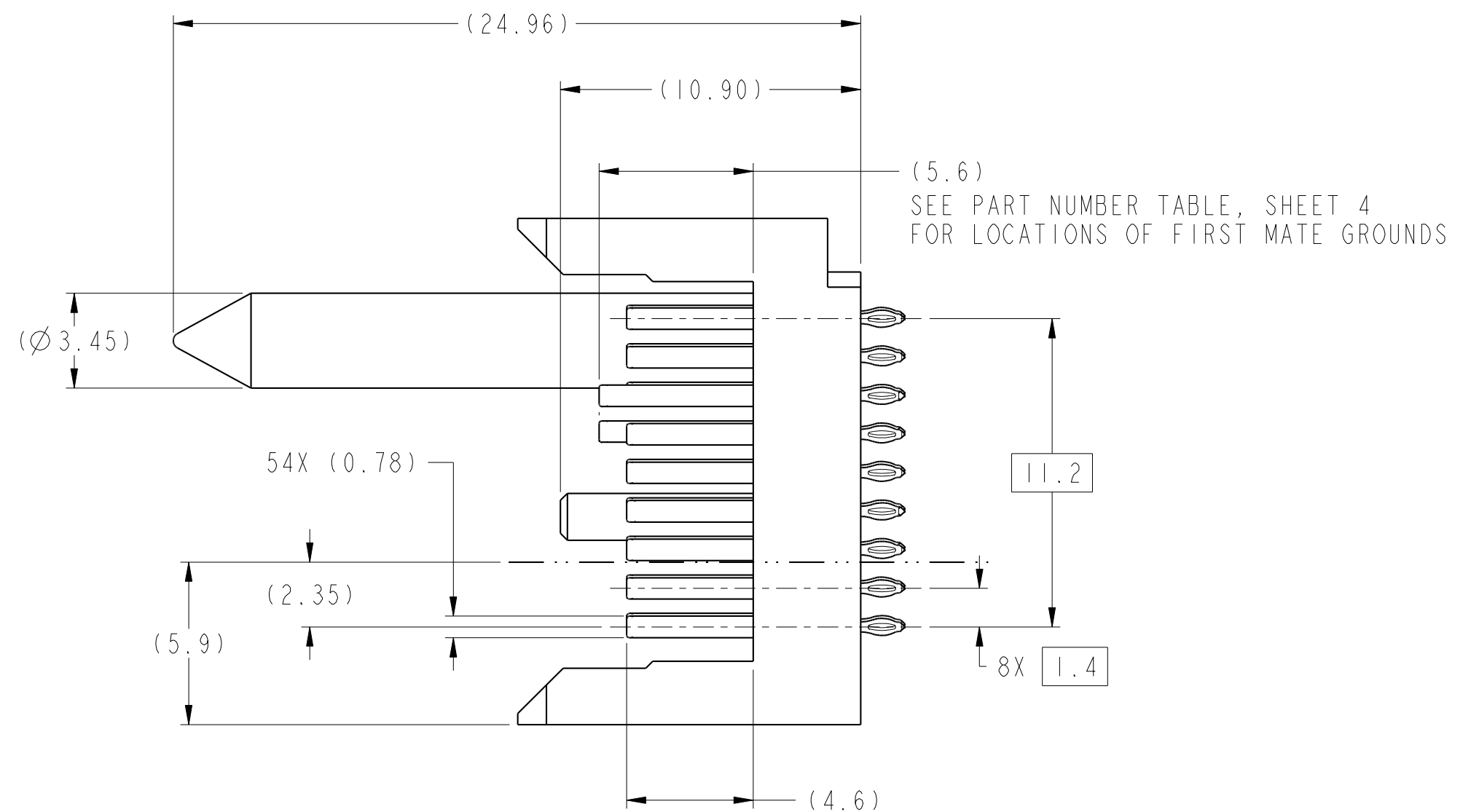
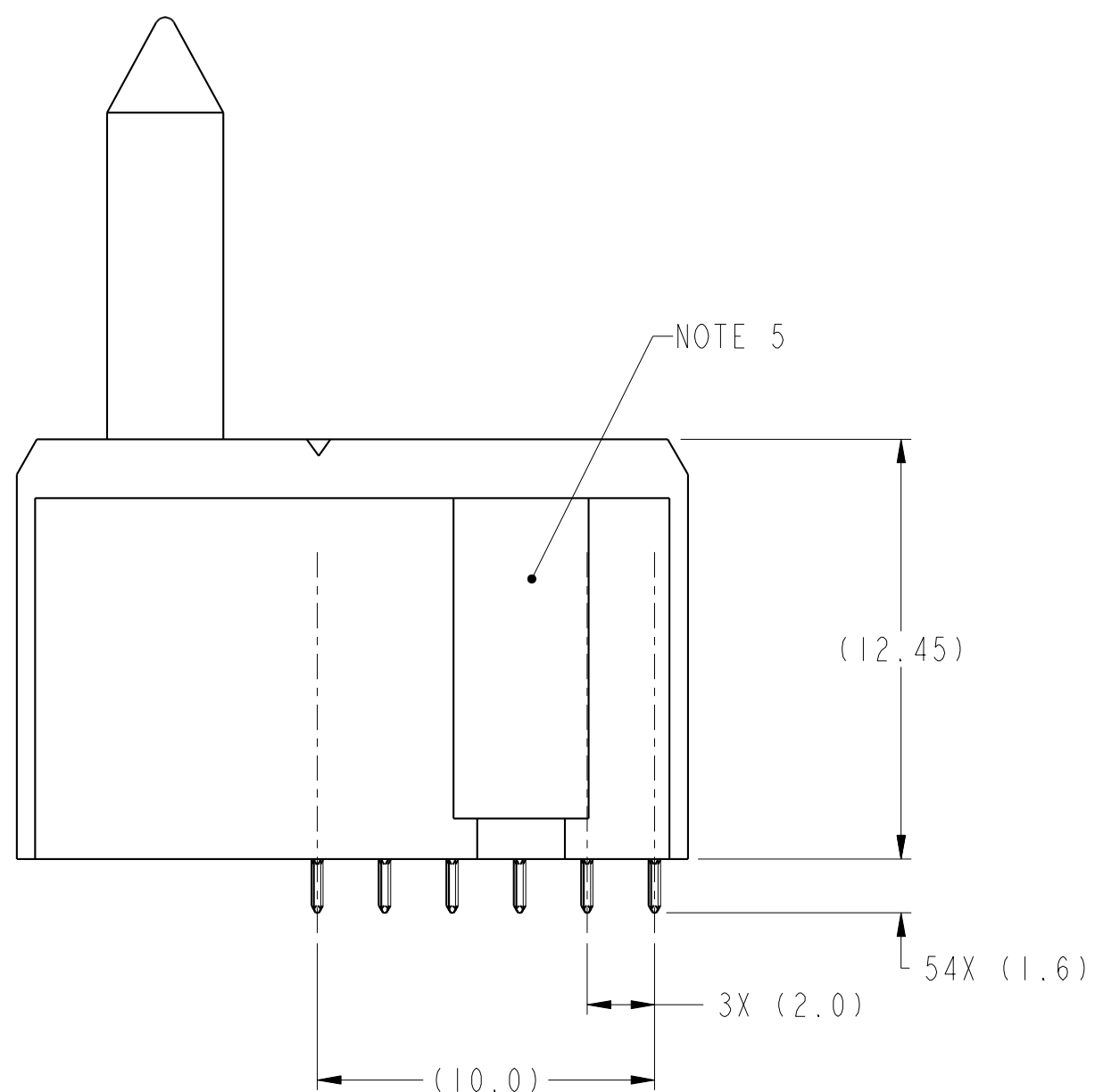
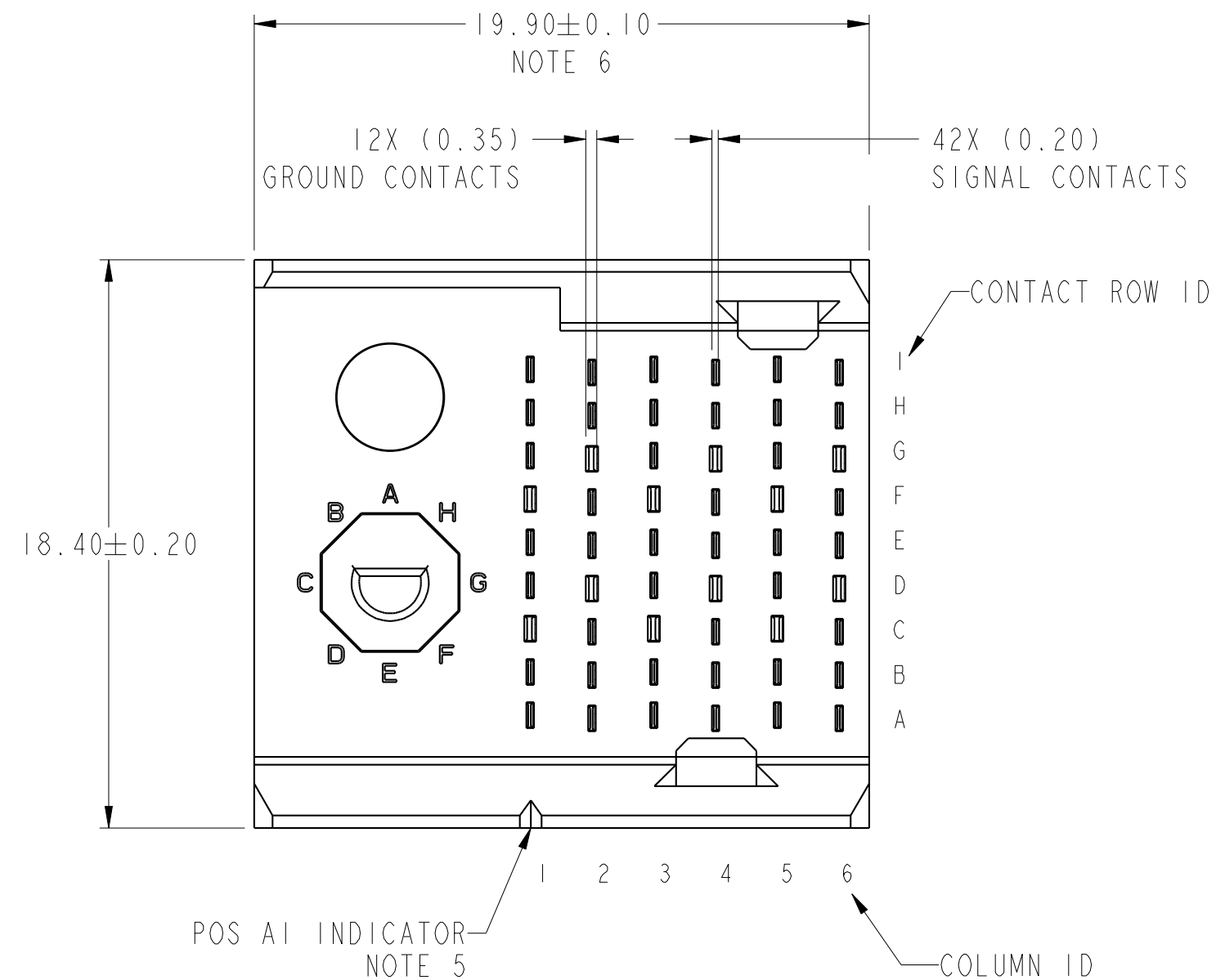
spec ref		-		dr		Manoharan Srin		2013/02/28		projection		MM		size		A2		scale		5:1	
tolerance std		ASME Y14.5		eng		Terry Luo		2018/12/04						ecn no		ELX-DG-32002-1					
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr		Stone Li		2018/12/04		product family						AIRMAX VS2		rel level		Released			
appr		Heaven Cen		2018/12/04																	
surface		-		linear		0.X		±0.3		Amphenol FCI		title		AIRMAX VS2 VERTICAL HEADER		10124350		rev		C	
✓				0.XX		±0.15															
				0.XXX		±0.050															
ASME Y14.5		angular		0°		±2°				cat. no.		-		Product - Customer Drw				sheet 2 of 4			

PDS: Rev :C

STATUS:Released

Printed: Dec 04, 2018

RIGHT POLARIZING WITH GUIDE



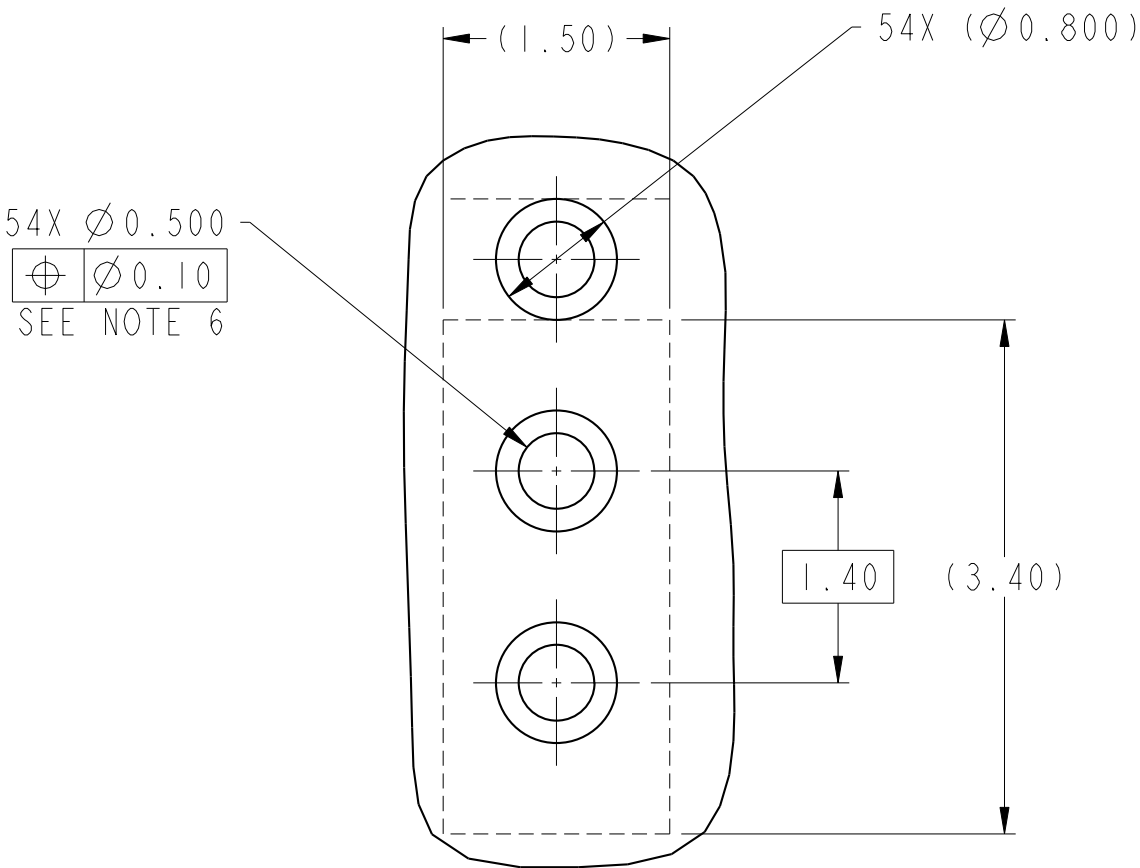
RECOMMENDED PCB DETAILS
SCALE 5:1

spec ref	-	dr	Manoharan Srin	201302/28	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Terry Luo	2018/12/04	chr	Stone Li	ecm no	ELK-DG-32002-1	rel level	Released
surface	-	appr	Heaven Cen	2018/12/04	product family	AIRMAX VS2	rel level	Released	rev	C
linear	0.X ±0.3 0.XX ±0.15 0.XXX ±0.050	title	AIRMAX VS2 VERTICAL HEADER			cat. no.	-	Product - Customer Drw	sheet 3 of 4	
angular	0° ±2°									

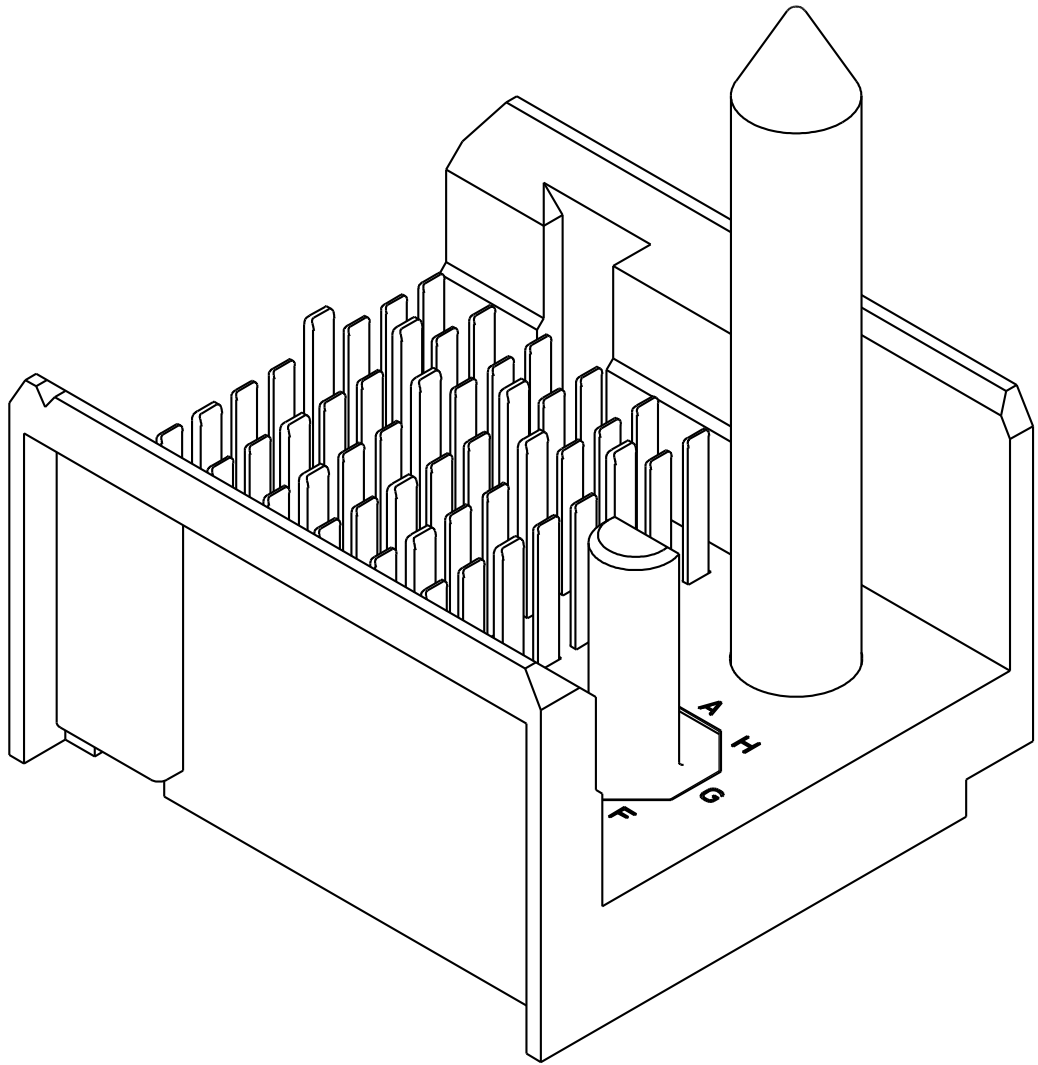
1		2	3
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	FIRST MATE PIN LOCATIONS	
10124350-10PLF	TIN OVER NICKEL (LEAD FREE)	F1, F3, F5 G2, G4, G6	
10124350-10ALF	TIN OVER NICKEL (LEAD FREE)	F1, F3, F5 G2, G4, G6	

NOTES:

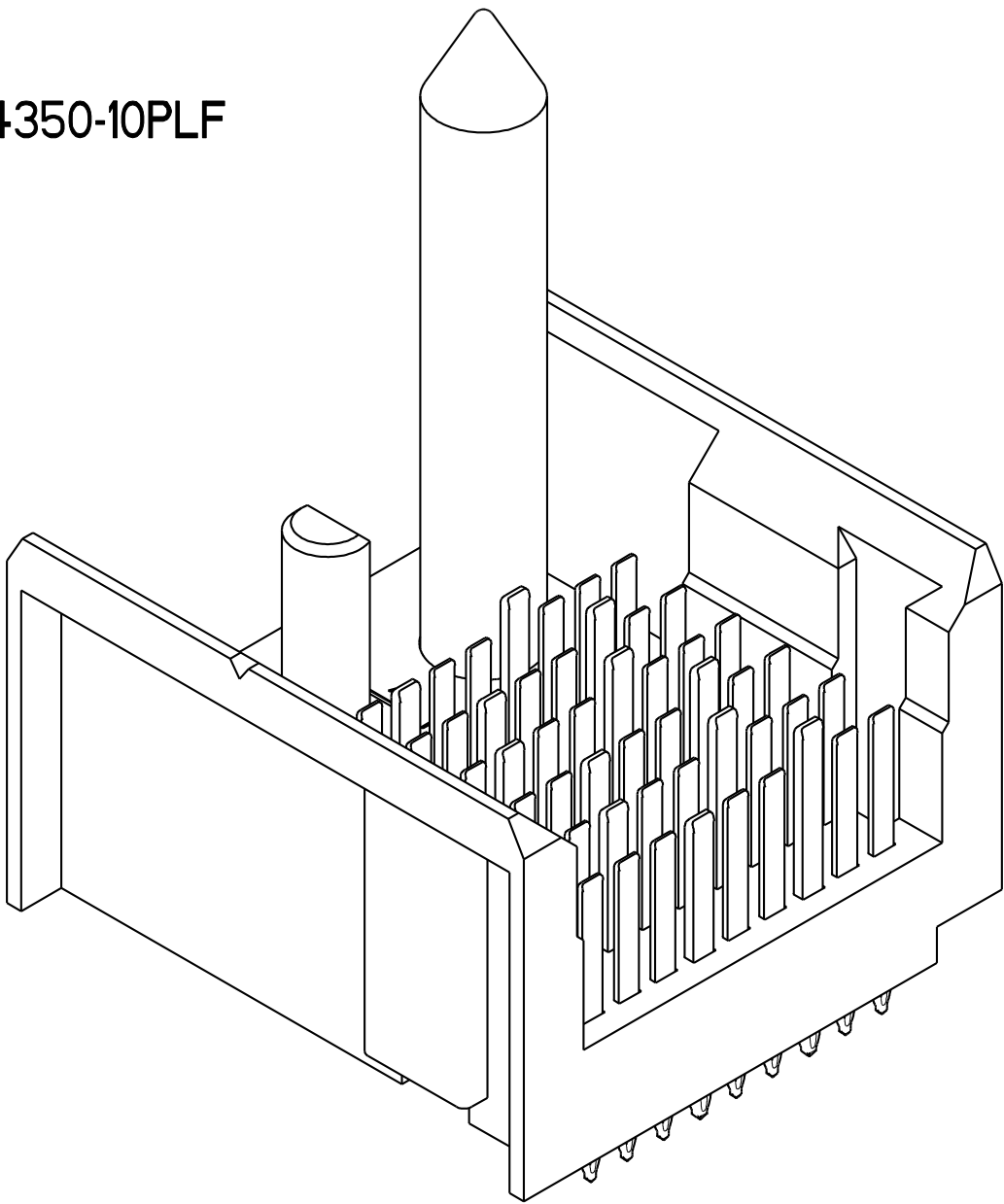
1. CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
2. CONTACT PLATING:
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE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



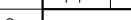
DETAIL A
SCALE 20:1



10124350-10PLF



10124350-10ALF

spec ref -				dr Manoharan Srin		2013/02/28		projection		MM		size A2		scale 5:1	
tolerance std ASME Y14.5 -				TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Terry Luo		2018/12/04				ecn no ELX-DG-32002-1			
						chr Stone Li		2018/12/04		product family AIRMAX VS2		rel level Released			
						appr Heaven Cen		2018/12/04							
surface -		linear		0.X ±0.3				title AIRMAX VS2 VERTICAL HEADER		dwg no 10124350		rev C			
		0.XX ±0.15													
		0.XXX ±0.050													
ASME Y14.5		angular 0° ±2°													
				cat. no. -		Product - Customer Drw				sheet 4 of 4					