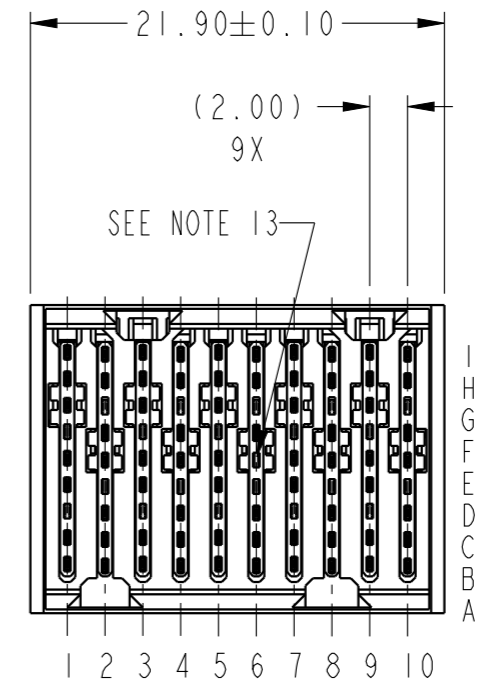
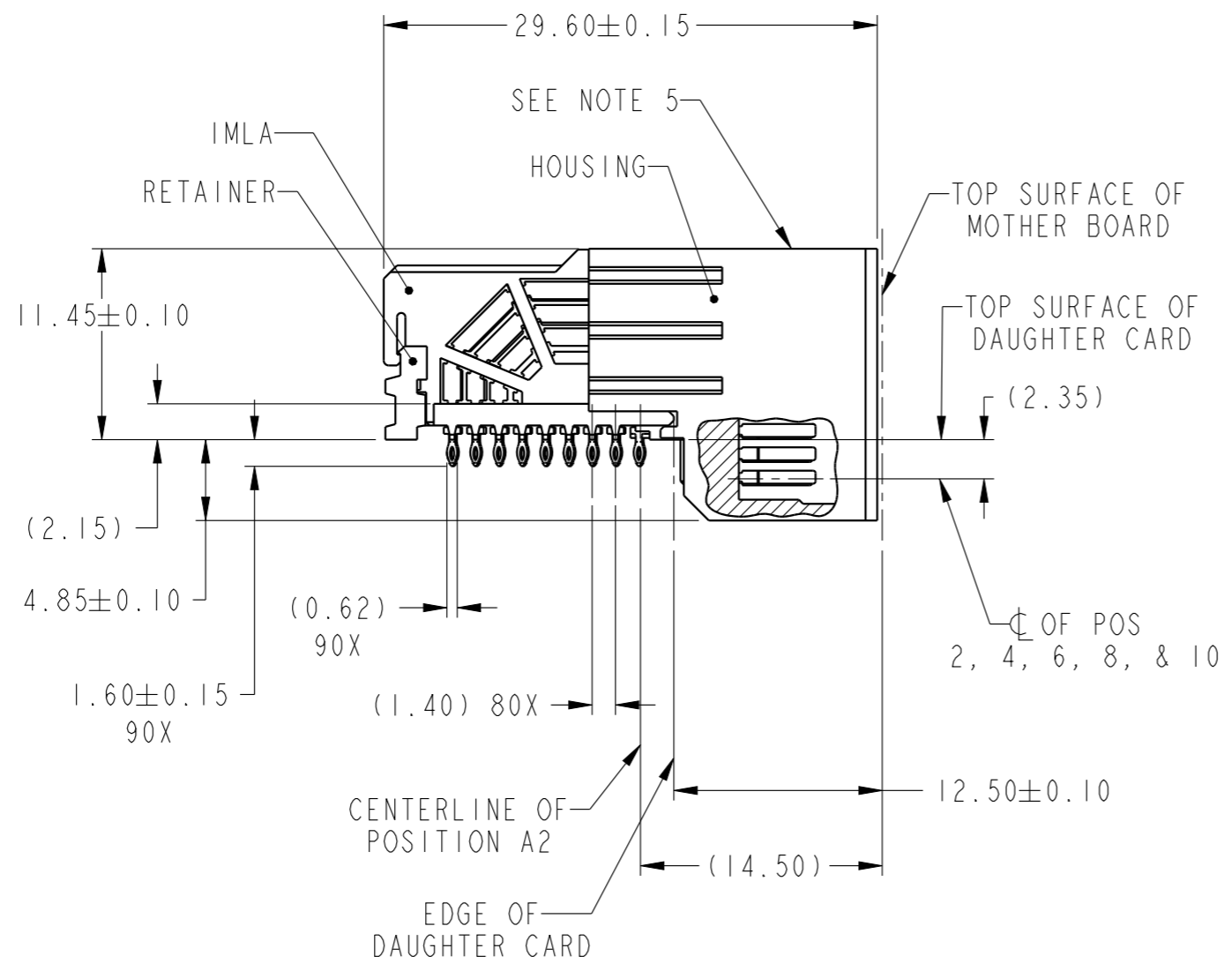


PRODUCT NUMBER
SEE TABLE, SHEET 5

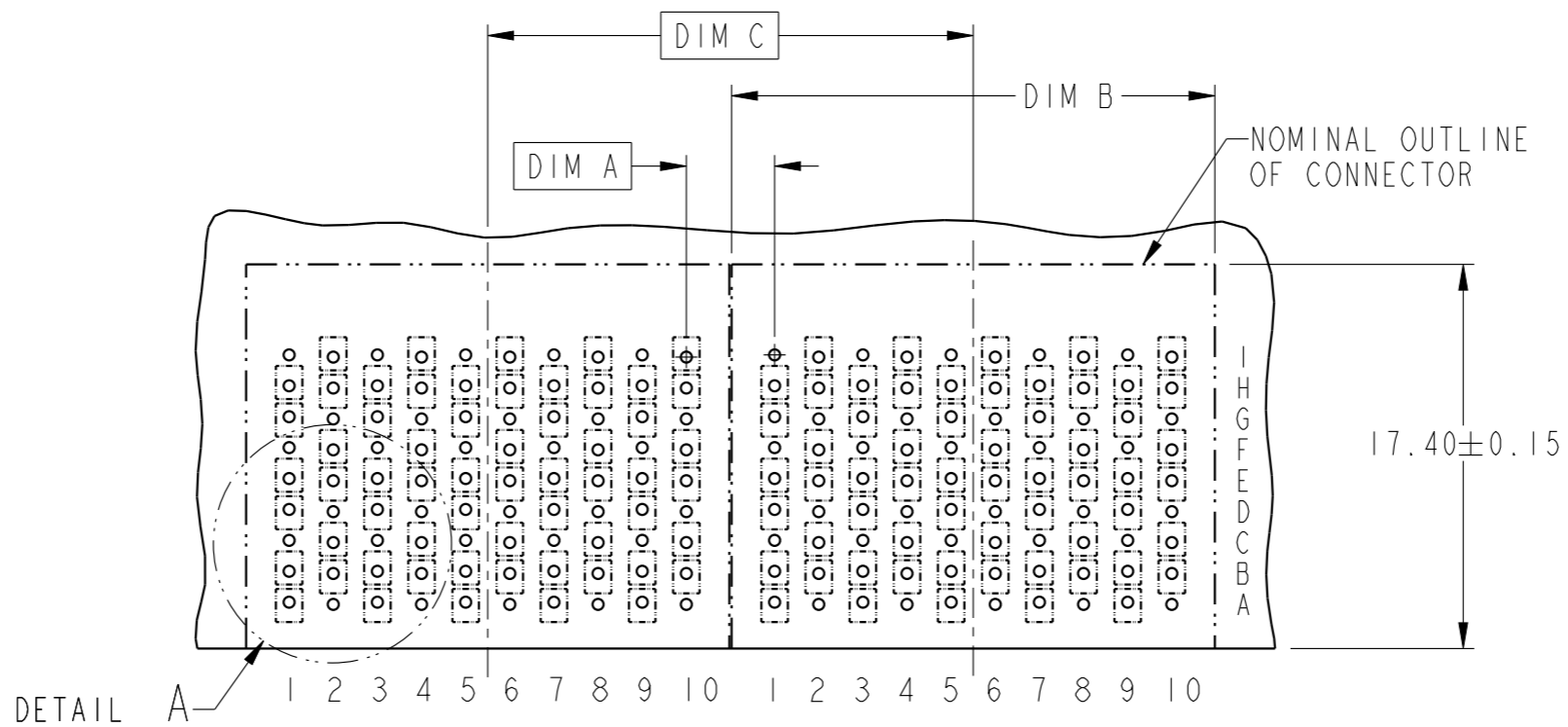


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spec ref		dr	VITO SHEN	2025-10-09	projection	MM	size	A3	scale	5:2
tolerance std		eng	VITO SHEN	2025-10-09			ecn no		rel level	
ASME Y14.5		chr	-	-			product family		AirMax VS	
surface 3.2		appr	-	-	Amphenol FCI		AirMax VS R/A HEADER ASSY PRESS-FIT, 90 POS, 22MM		10034249	
ASME Y14.5				cat. no.		-		Product - Customer Drw		rev F1

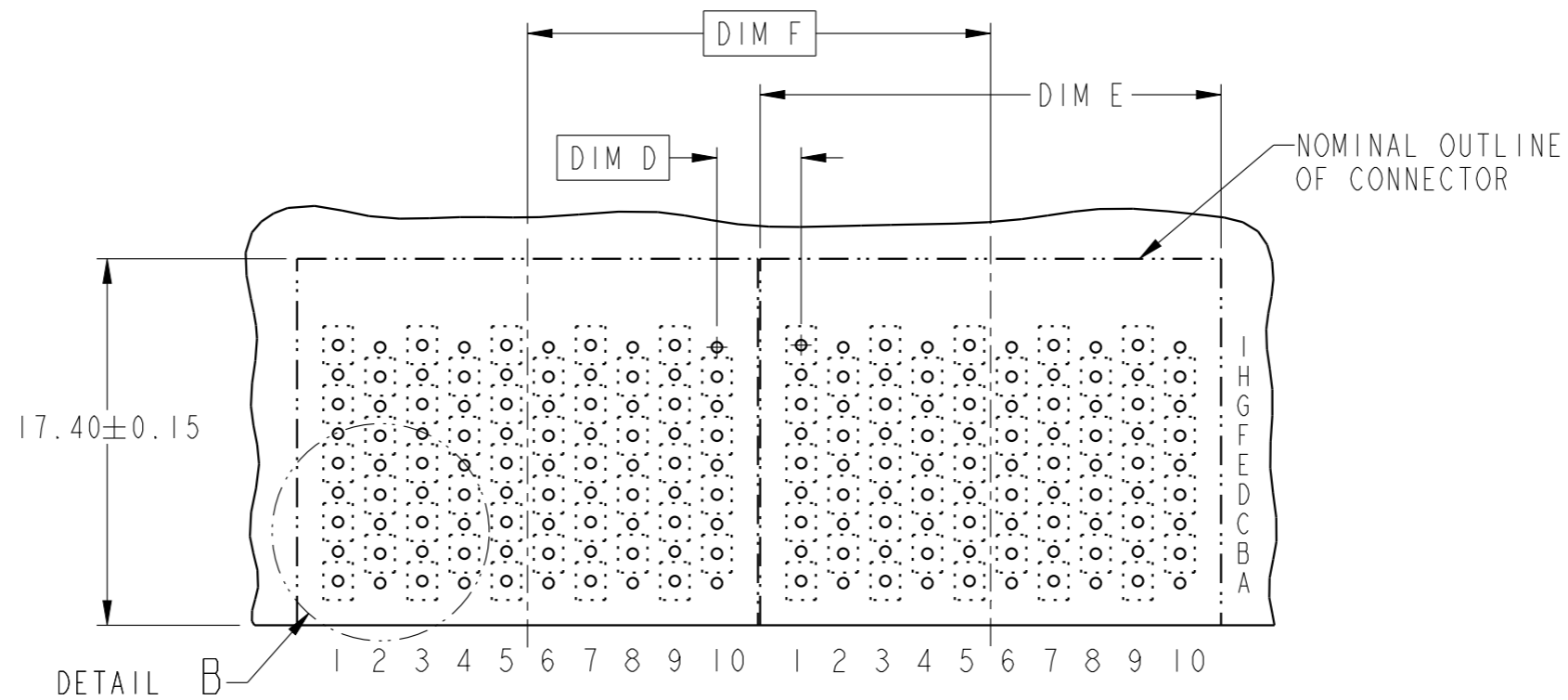
DESCRIPTION	DIM A	DIM B	DIM C
2-22MM MODULES PLACED END-TO-END	4.00	21.90 2X	22.00
1-20MM MODULE & 1-22MM MODULE PLACED END-TO-END	3.00	19.90 1X & 21.90 1X	21.00



RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

spec ref	dr	VITO SHEN	2025-10-09	projection	MM	size	A3	scale	3:1											
tolerance std	eng	VITO SHEN	2025-10-09			ecn no		rel level												
ASME Y14.5	chr	-	-			Released														
surface	appr	-	-	product family	AirMax VS R/A HEADER ASSY		dwg no	10034249	rev											
ASME Y14.5	<table border="1"> <tr> <td>TOLERANCES UNLESS OTHERWISE SPECIFIED</td> <td>0.X</td> <td>±0.3</td> </tr> <tr> <td>linear</td> <td>0.XX</td> <td>±0.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>		TOLERANCES UNLESS OTHERWISE SPECIFIED	0.X	±0.3	linear	0.XX	±0.10		0.XXX	±0.050	angular	0°	±2°	Amphenol FCI	PRESS-FIT, 90 POS, 22MM		Product - Customer Drw		sheet 2 of 5
TOLERANCES UNLESS OTHERWISE SPECIFIED	0.X	±0.3																		
linear	0.XX	±0.10																		
	0.XXX	±0.050																		
angular	0°	±2°																		

DESCRIPTION	DIM D	DIM E	DIM F
2-22MM MODULES PLACED END-TO-END	4.00	21.90 2X	22.00
1-20MM MODULE & 1-22MM MODULE PLACED END-TO-END	3.00	19.90 1X & 21.90 1X	21.00

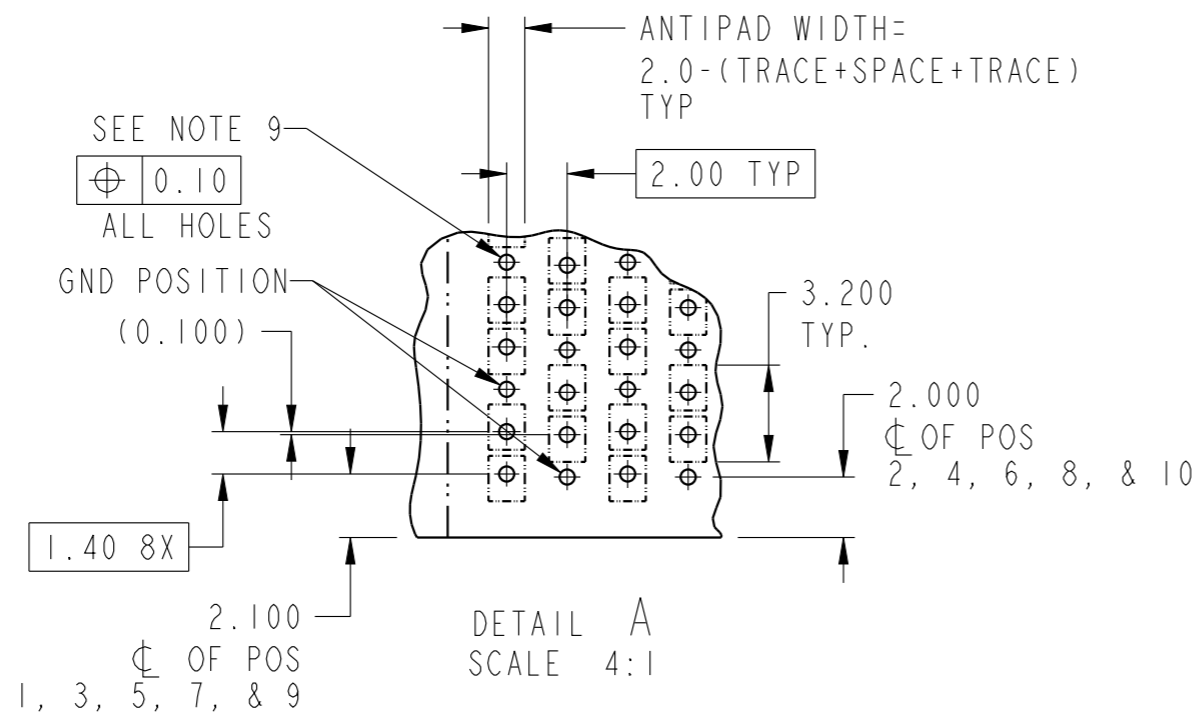


RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

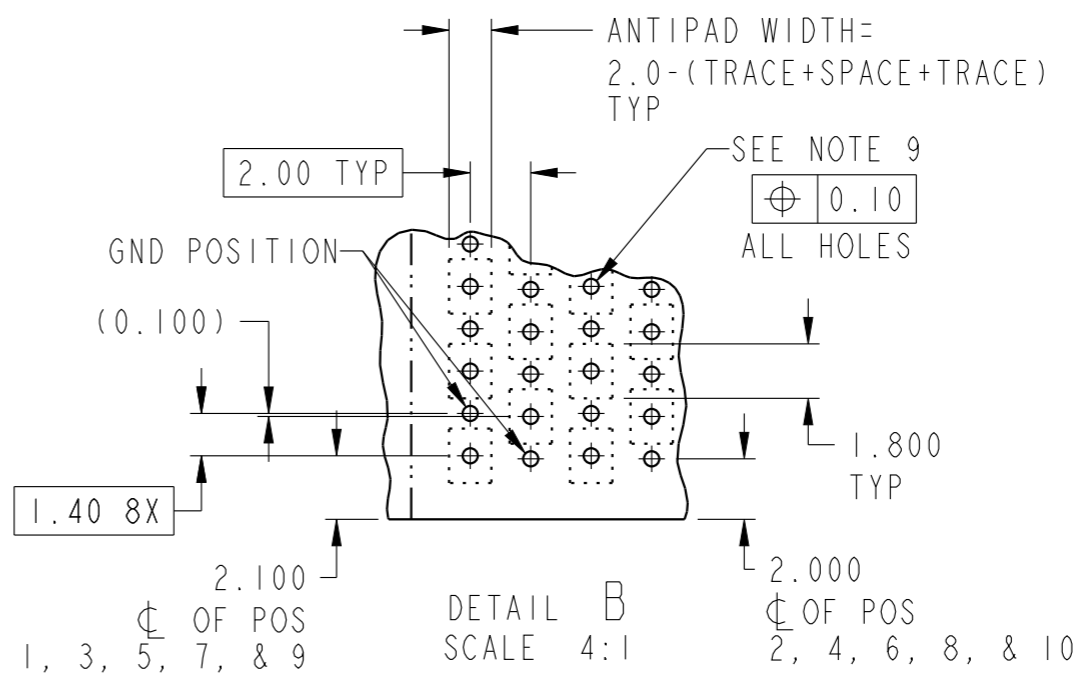
spec ref		dr	VITO SHEN	2025-10-09	projection	MM	size	A3	scale	3:1										
tolerance std		eng	VITO SHEN	2025-10-09			ecn no		rel level											
ASME Y14.5		chr	-	-			Released													
surface 3.200		appr	-	-	product family	AirMax VS R/A HEADER ASSY		10034249		rev										
ASME Y14.5		<table border="1"> <tr> <td>linear</td> <td>0.X</td> <td>±0.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> </tr> </table>		linear	0.X	±0.3		0.XX	±0.10		0.XXX	±0.050	angular	0°	±2°		PRESS-FIT, 90 POS, 22MM cat. no. -	Product - Customer Drw	sheet 3 of 5	FI
linear	0.X	±0.3																		
	0.XX	±0.10																		
	0.XXX	±0.050																		
angular	0°	±2°																		

A

B



DETAIL A
SCALE 4:1



DETAIL B
SCALE 4:1

A

B

C

D

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spec ref		dr	VITO SHEN	2025-10-09	projection	MM	size	A3	scale	3:1
tolerance std		eng	VITO SHEN	2025-10-09			ecn no		Released	
ASME Y14.5		chr	-	-			rel level			
TOLERANCES UNLESS OTHERWISE SPECIFIED		appr	-	-	product family		AirMax VS R/A HEADER ASSY		rev	
surface	3.200	linear		0.X	±0.3	Amphenol FCI		dwg no		10034249
				0.XX	±0.10					FI
				0.XXX	±0.050					
		angular		0°	±2°	cat. no.		Product - Customer Drw		sheet 4 of 5

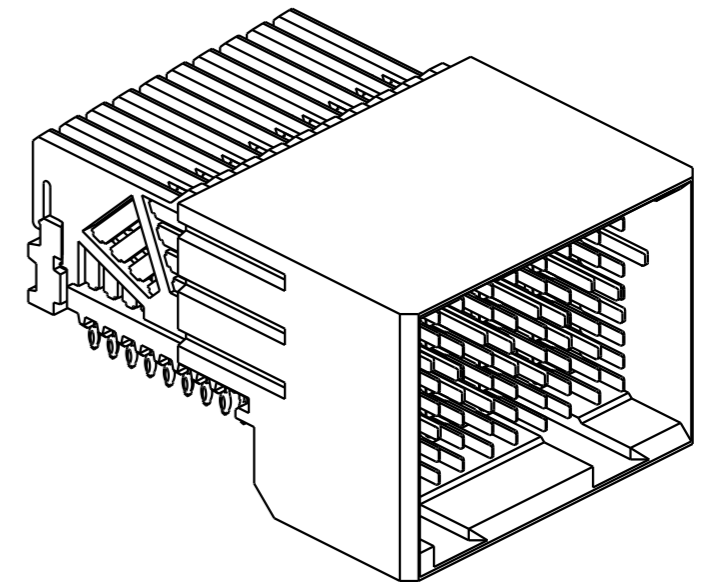
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT	REMARK
10034249-101	TIN/LEAD ALLOY OVER NICKEL	NO	TELECORDIA CO
10034249-101LF	TIN OVER NICKEL (LEAD FREE)		
10034249-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)	
10034249-111LF	TIN OVER NICKEL (LEAD FREE)		
10034249-501LF	TIN OVER NICKEL (LEAD FREE)	NO	

NOTES:

1. CONNECTOR MATERIALS:
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0
IMLA PLASTIC: 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, (PART NUMBER & LOT CODE), ON THIS SURFACE
6. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
7. POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
9. REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.

10. LEAD FREE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
11. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
12. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
13. MATING PIN E6 HAS 0.5mm LESS NOMINAL WIPE THAN THE SHORTEST SIGNAL PIN.



spec ref		dr	VITO SHEN	2025-10-09	projection	MM	size	A3	scale	5:2											
tolerance std		eng	VITO SHEN	2025-10-09			ecn no		rel level												
ASME Y14.5		chr	-	-			-		Released												
surface 3.2		appr	-	-	product family	AirMax VS	dwg no		10034249	rev											
ASME Y14.5		Amphenol FCI			AirMax VS R/A HEADER ASSY		-		Product - Customer Drw	FI											
<table border="1"> <tr> <td rowspan="3">TOLERANCES UNLESS OTHERWISE SPECIFIED</td> <td>linear</td> <td>0.X</td> <td>±0.3</td> </tr> <tr> <td></td> <td>0.XX</td> <td>±0.10</td> </tr> <tr> <td></td> <td>0.XXX</td> <td>±0.050</td> </tr> <tr> <td>angular</td> <td>0°</td> <td>±2°</td> <td></td> </tr> </table>		TOLERANCES UNLESS OTHERWISE SPECIFIED	linear	0.X	±0.3		0.XX	±0.10		0.XXX	±0.050	angular	0°	±2°		cat. no.	-	Product - Customer Drw		sheet 5 of 5	
TOLERANCES UNLESS OTHERWISE SPECIFIED	linear		0.X	±0.3																	
			0.XX	±0.10																	
		0.XXX	±0.050																		
angular	0°	±2°																			