

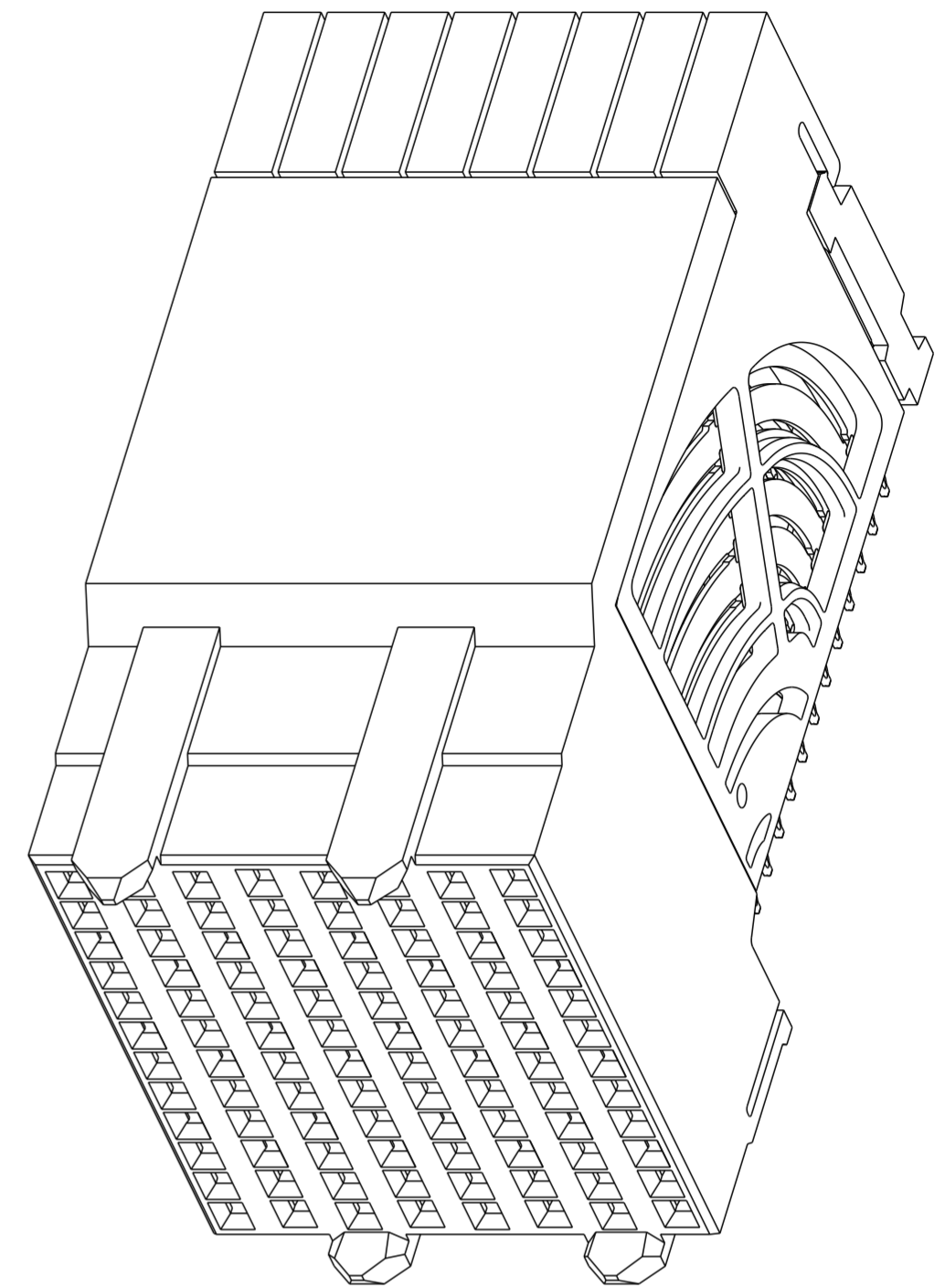
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 8, & 11

spec ref	---	dr	Tao Zhan	2014/06/23	projection	MM	size	A2	scale	1:1	
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/04			ecn no	ELX-DG-38252-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-					rel level	Released		
		appr	Heaven Cen						2020/09/17		
surface	-	linear	0.X	±.3	product family		title	AIRMAX VS2 R.A. RECEPTACLE	4 PAIR 96 POS 2MM 8 COL, GXT+	rev	B
			0.XX	±.10	Amphenol FCI						
		angular	0°	±°	Amphenol FCI		10130566				

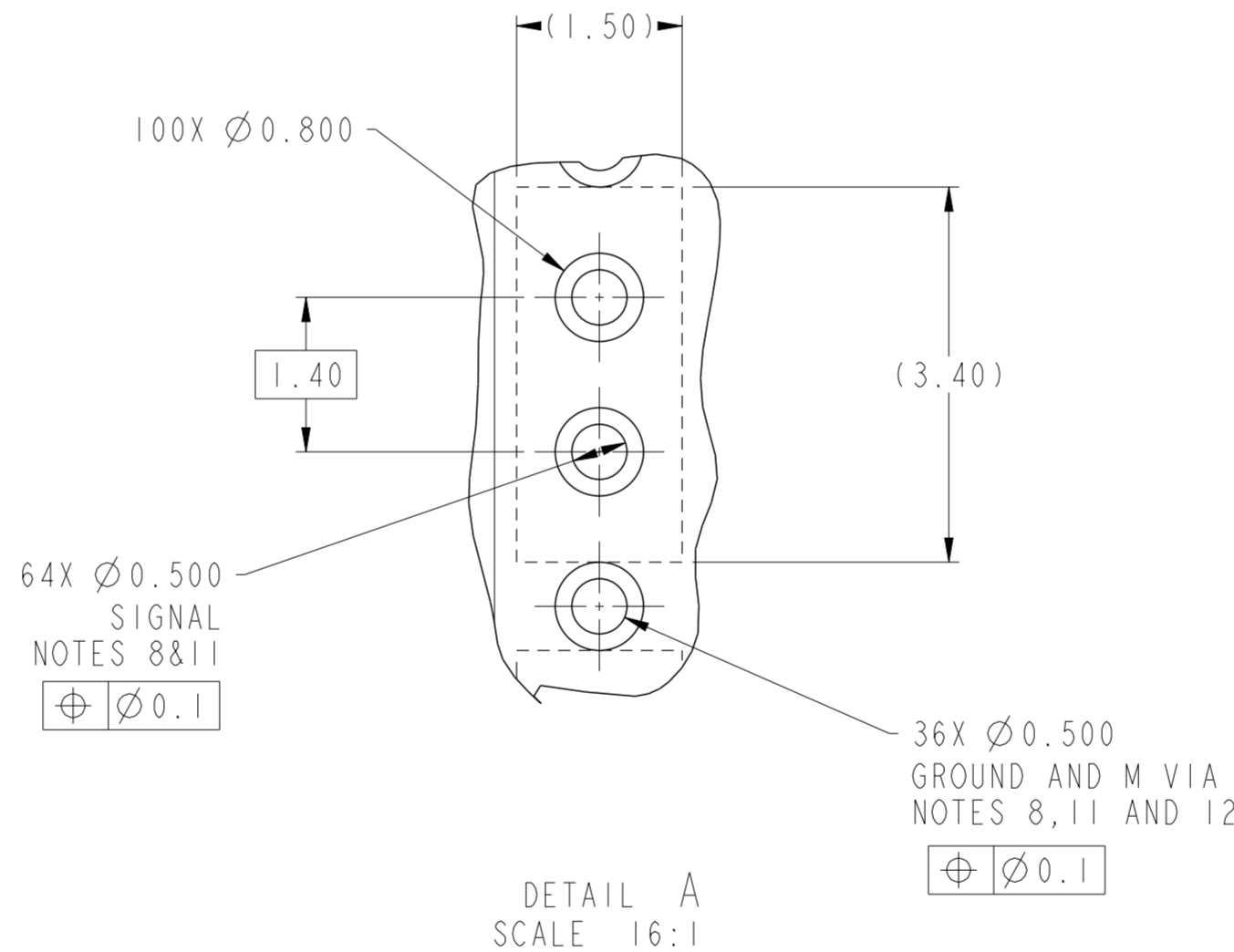
PRODUCT NUMBER	PRESS-FIT TAIL PLATING TYPE
10130566-101	TIN/LEAD ALLOY OVER NICKEL
10130566-101LF	TIN OVER NICKEL (LEAD FREE)

- ① - CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, NATURAL, UL94-V0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94-V0
CONTACT: COPPER ALLOY
ORGANIZER: HIGH TEMP THERMOPLASTIC, WHITE, UL94-V0
- 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-12-0956
- 4 - APPLICATION SPECIFICATION: GS-20-0305.
- ⑤ - PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- ⑥ - THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 16.0 MM.
- ⑦ - CONNECTOR OUTLINE MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- ⑧ - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS
- 9 - LEAD FREE PRODUCT MEETS THE EUROPEAN UNION DIRECTIVES & OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 10 - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- ⑪ - GROUND CONTACTS (C,F,I AND L IN ODD COLUMNS AND A,D,G AND J, EVEN COLUMNS) REQUIRE (Ø0.500) FINISHED HOLES. SIGNAL LOCATIONS REQUIRE (Ø0.500) FINISHED HOLES.
- ⑫ - THESE OUTER VIAS (M) ARE OPTIONAL. WHILE NO CONNECTOR EONS ARE PRESSED INTO THESE HOLES, WE RECOMMEND (Ø 0.500) FINISHED HOLES AT THESE LOCATIONS TO PROVIDE GROUND SYMMETRY THROUGH THE PCB



10130566-101 OR -101LF



spec ref	---	dr	Tao Zhan	2014/06/23	projection	MM	size	A2	scale	4:1	
tolerance std	ASME Y14.5M	eng	Terry Luo	2020/09/04			ecn no	ELX-DG-38252-1			
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-				rel level	Released			
		appr	Heaven Cen				product family				
surface	linear	0.X	±.3		title		AIRMAX VS2 R.A. RECEPTACLE	dwg no	10130566		
		0.XX	±.10		4 PAIR 96 POS 2MM 8 COL, GXT+		rev	B			
	angular	0°	±°		cat. no.	Product - Customer Drw		sheet 3 of 3			

PDS: Rev :B

STATUS:Released

Printed: Sep 18, 2020