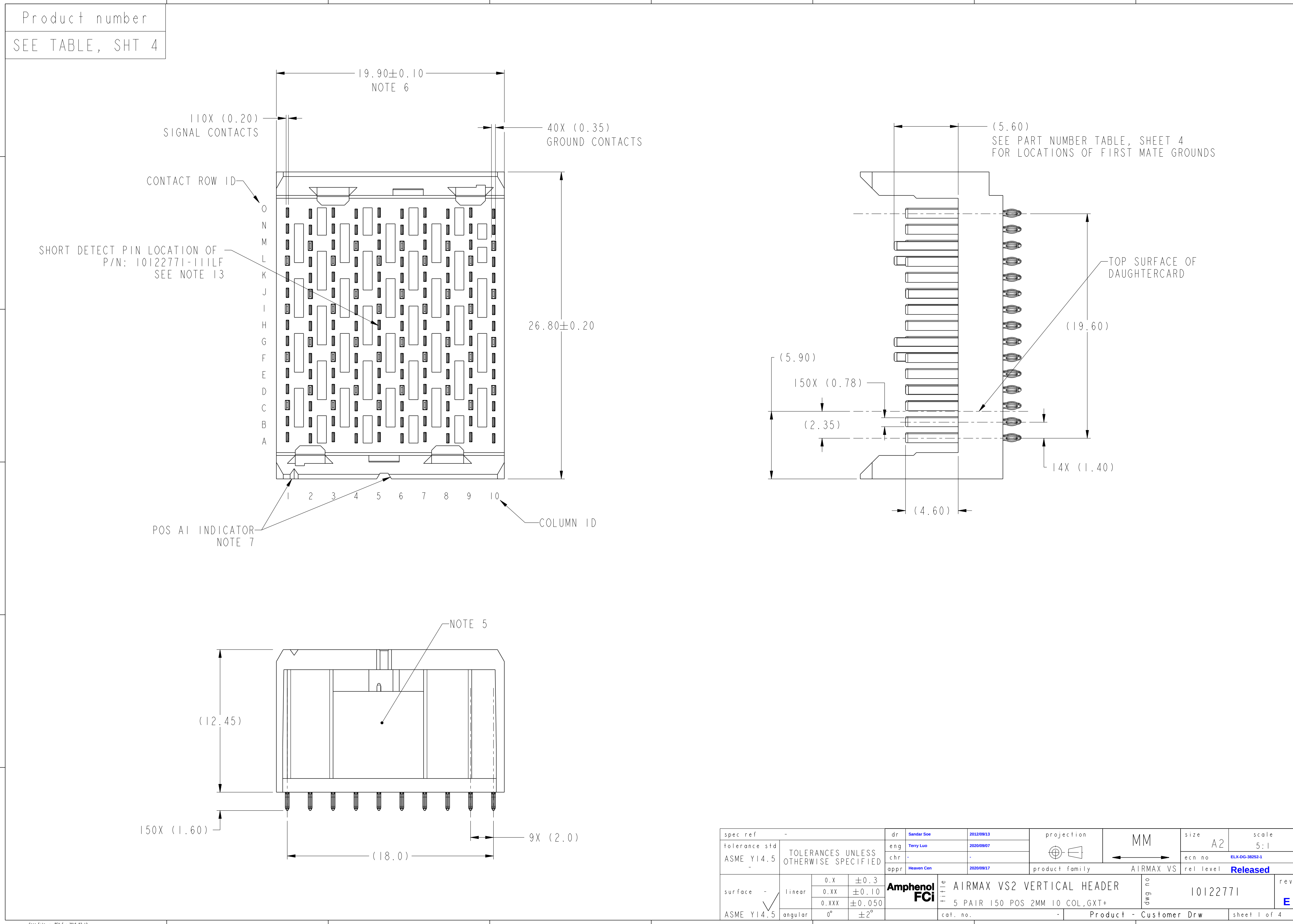




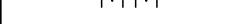
spec ref	-	dr	Sandar Soe	2012/09/13	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Terry Luo	2020/09/07	chr	-	ecn no	ELX-DG-38252-1		
		appr	Heaven Cen	2020/09/17	product family	AIRMAX VS	rel level	Released		
surface	-	linear	0.X	±0.3	Amphenol FCi	title	AIRMAX VS2 VERTICAL HEADER	dwg no	10122771	rev
			0.XX	±0.10			5 PAIR 150 POS 2MM 10 COL,GXT+			E
			0.XXX	±0.050						
ASME Y14.5	angular		0°	±2°	cat. no.	-	Product - Customer Drw	sheet 1 of 4		

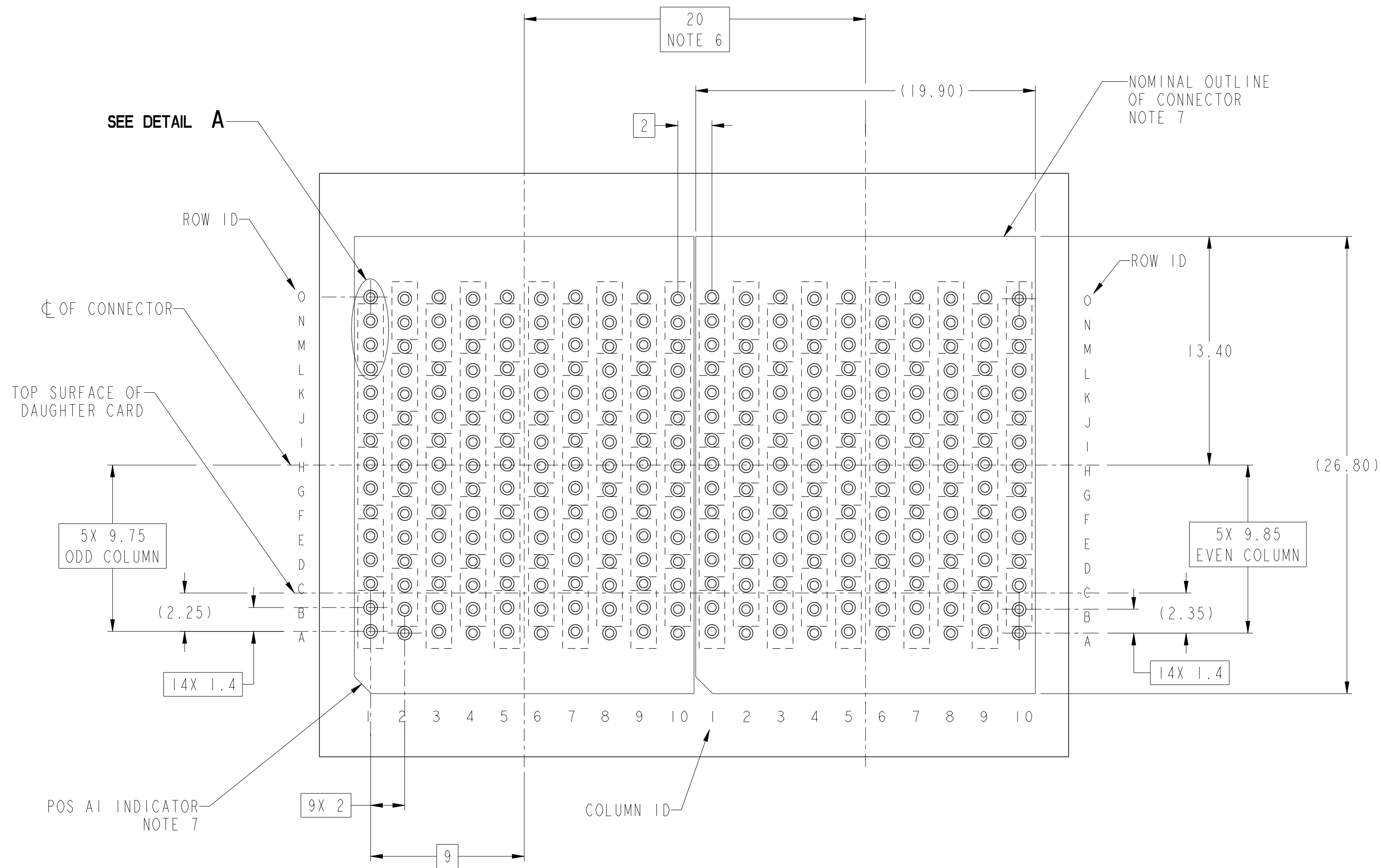
(26.60)
PROTECTIVE CAP WIDTH

NOTE 11

NOTE 12

VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10122771-101LF

spec ref -				dr	Sandar Soe	2012/09/13	projection 	MM 	size	A2	scale	5:1		
tolerance std				eng	Terry Luo	2020/09/07			ecn no	ELX-DG-38252-1				
ASME Y14.5				chr	-	-			rel level	Released				
				appr	Heaven Cen	2020/09/17	product family		AIRMAX VS					
surface -  ASME Y14.5	linear	0.X	±0.3	Amphenol FCi	title	AIRMAX VS2 VERTICAL HEADER				dwg no	10122771		rev	E
		0.XX	±0.10											
		0.XXX	±0.050											
		angular	0°			±2°	cat. no.	-	Product - Customer Drw					sheet 2 of 4



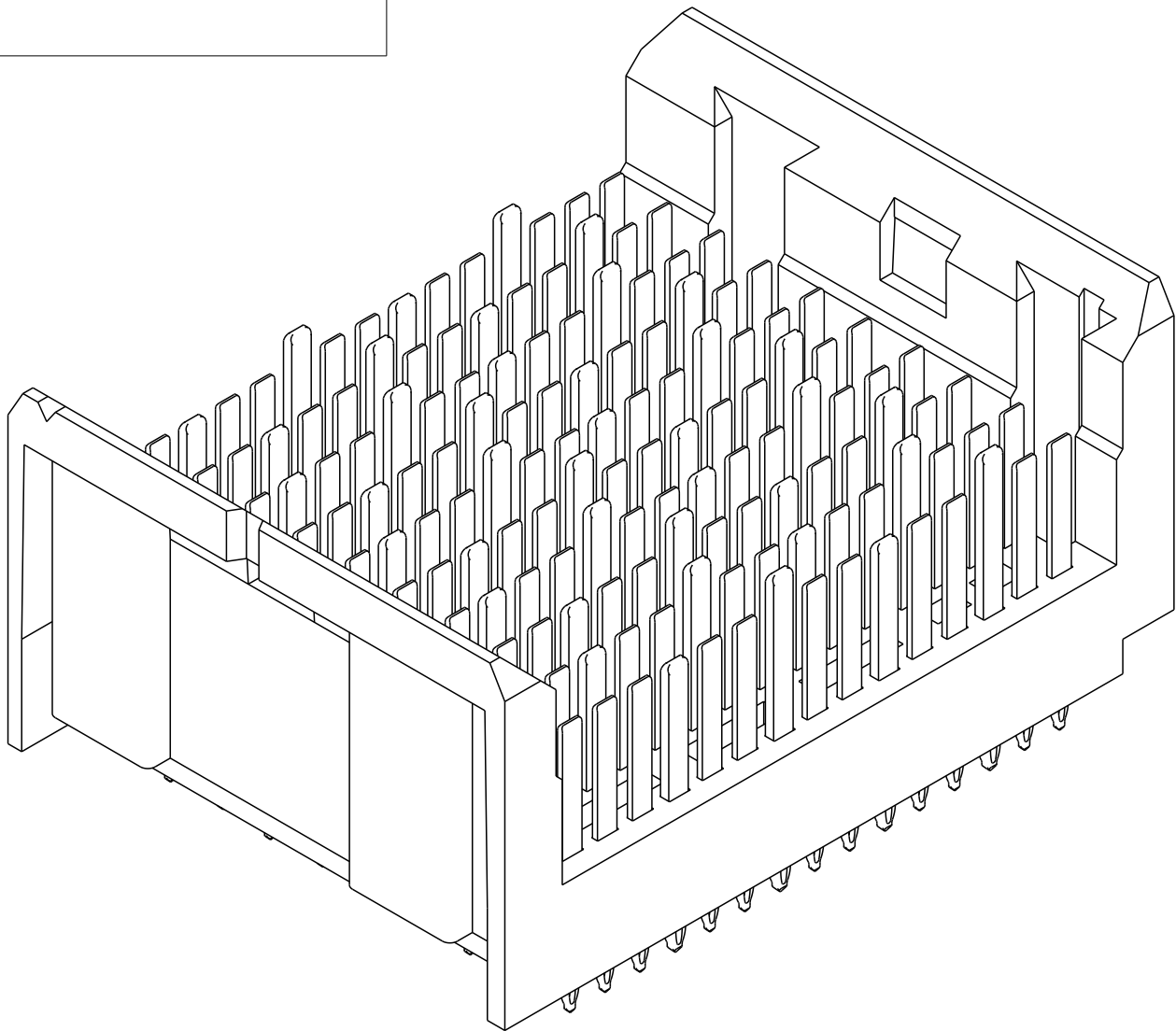
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, AND 8

spec ref -		dr Sandar Soe		2012/09/13		projection MM	size A2	scale 3:1
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng Terry Luo		2020/09/07			ecn no ELX-DG-38252-1	
ASME Y14.5		chr -		-			rel level Released	
-		appr Heaven Cen		2020/09/17			product family AIRMAX VS	
surface -	linear ASME Y14.5	0.X	±0.3	Amphenol FCi	title AIRMAX VS2 VERTICAL HEADER 5 PAIR 150 POS 2MM 10 COL,GXT+	dwg no 10122771	rev E	
		0.XX	±0.10					
		0.XXX	±0.050					
	angular	0°	±2°	cat. no. -	Product - Customer Drw	sheet 3 of 4		

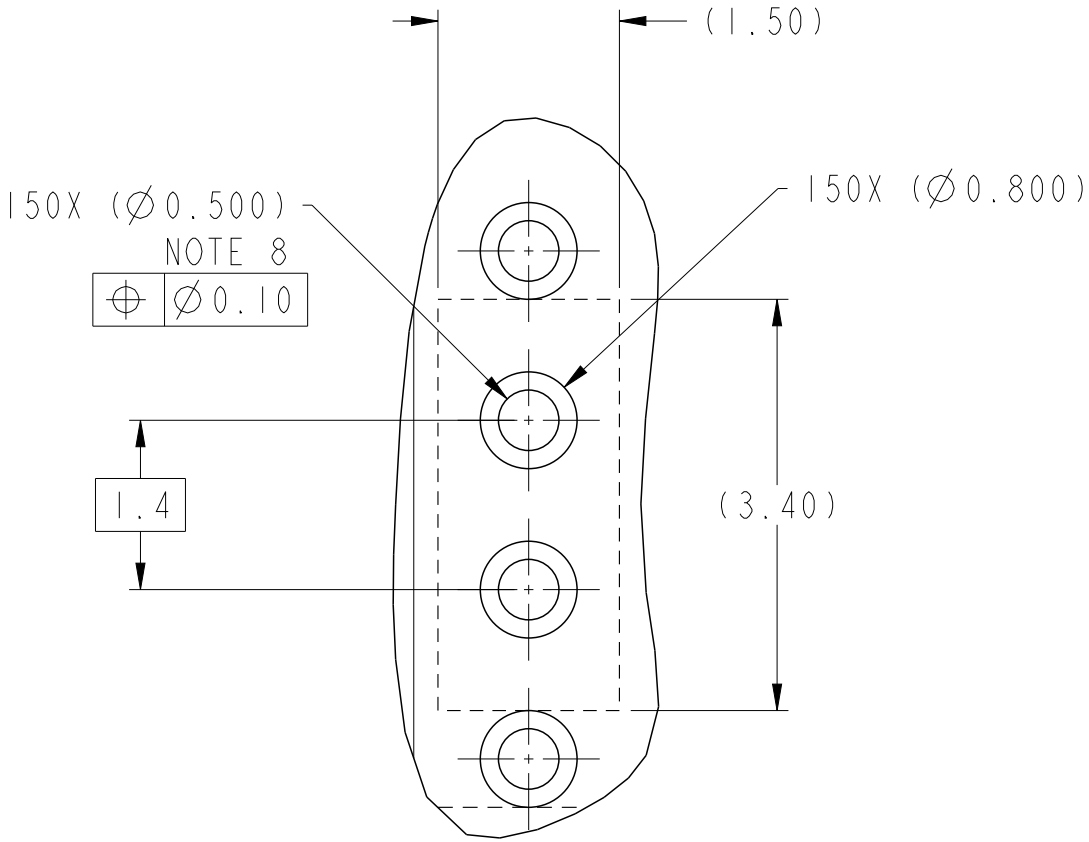
1	2	3	4	5	6	7	8
PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	FIRST MATE PIN LOCATIONS (5.6mm)	SHORT DETECT PIN LOCATION	REMARKS		
10122771-101LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, F7, F9, G2, G4, G6, G8, G10, L1, L3, L5, L7, L9, M2, M4, M6, M8, M10	NA	2-SIDED PLATING		
10122771-111LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5, F7, F9, G2, G4, G6, G8, G10, L1, L3, L5, L7, L9, M2, M4, M6, M8, M10	H5 (SEE NOTE 13)	2-SIDED PLATING		

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-12-239 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, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
6. THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 20.0 mm.
7. CONNECTOR OUTLINE WITH HOUSING POS AI INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
8. REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
10. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
11. FOR REMOVAL OF THE PROTECTIVE CAP BY HAND GRIP USING THESE SURFACES.
12. FOR REMOVAL OF THE PROTECTIVE CAP WITH PLIERS GRIP USING THIS FEATURE.
13. SHORT DETECT PIN IS 0.50mm LESS WIPE NOMINAL THAN THE SHORTEST PIN.



10122771-101LF
(WITHOUT PROTECTIVE COVER)



DETAIL A
SCALE 16:1

spec ref -				dr	Sandar Soe	2012/09/13	projection MM	size	A2	scale	5:1		
TOLERANCES UNLESS OTHERWISE SPECIFIED				eng	Terry Luo	2020/09/07		ecn no	ELX-DG-38252-1				
				chr	-	-							
				appr	Heaven Cen	2020/09/17			product family		AIRMAX VS	rel level	Released
surface -	linear	0.X	±0.3	Amphenol FCi	title	AIRMAX VS2 VERTICAL HEADER			dwg no	10122771		rev	E
ASME Y14.5		0.XX	±0.10										
		0.XXX	±0.050										
	angular	0°	±2°										

Mouser Electronics

Authorized Distributor

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[10122771-1021LF](#)