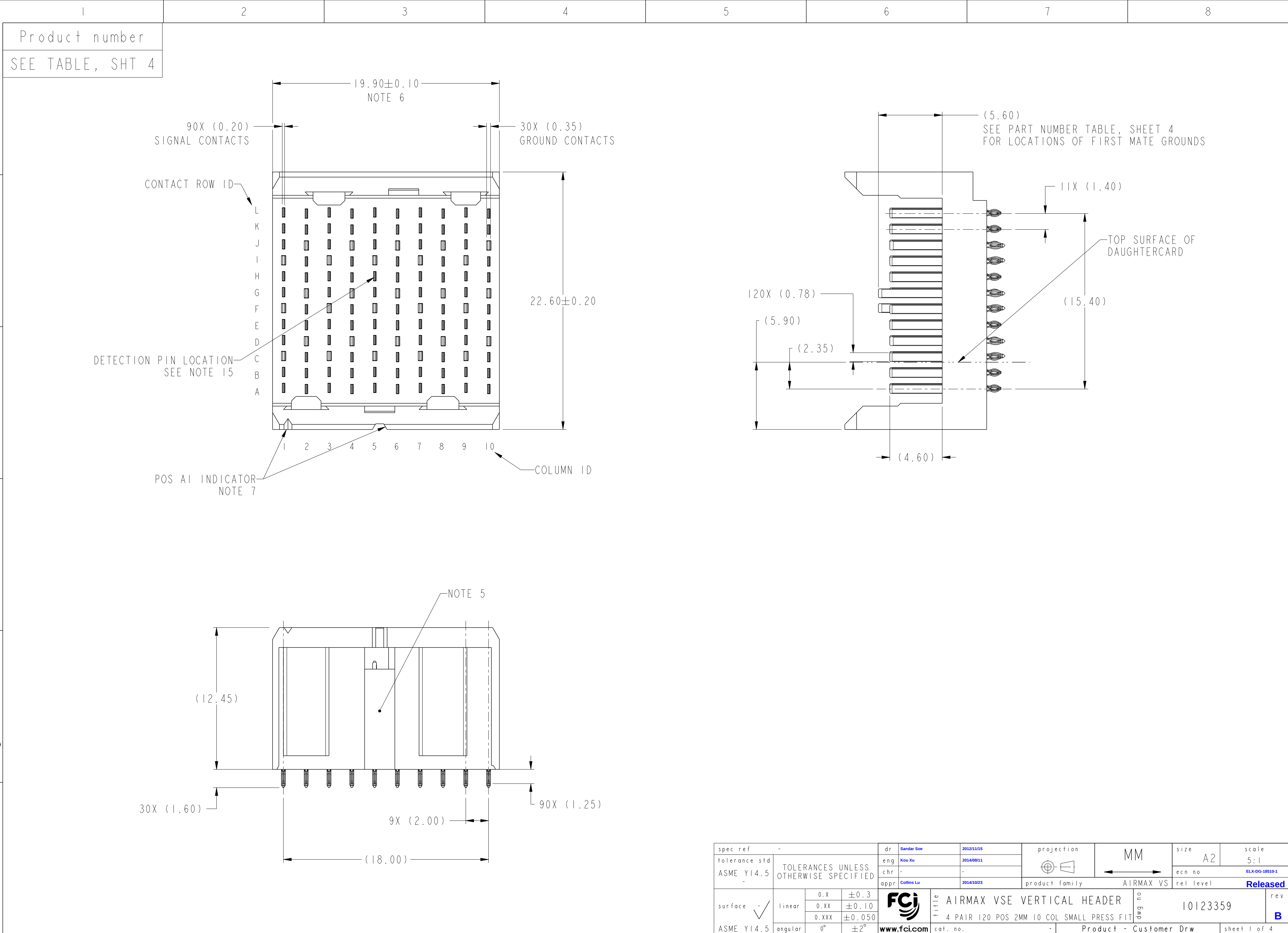




(22.40)
PROTECTIVE CAP WIDTH

(16.45)

△ VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10123359-101LF & 111LF

NOTE 11

NOTE 12



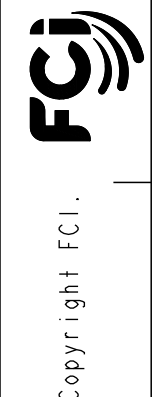
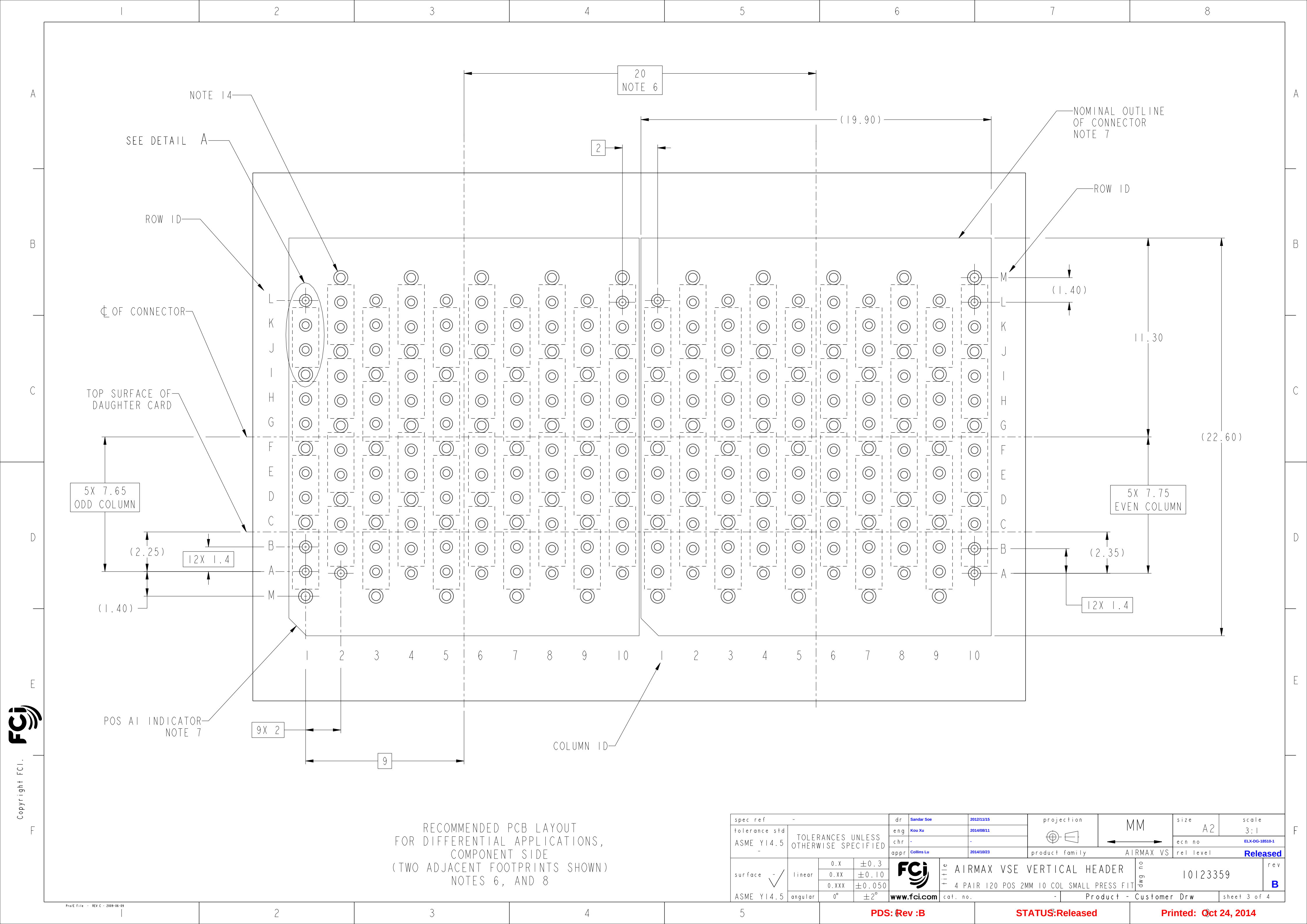
Copyright FCI.

spec ref -				dr Sander Soe		2012/11/15		projection		MM		size A2		scale 5:1			
tolerance std		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Kou Xu		2014/08/11						ecn no		ELX-DG-18510-1			
ASME Y14.5				chr -		-						rel level		Released			
-				appr Collins Lu		2014/10/23						product family		AIRMAX VS			
surface 		linear				title		AIRMAX VSE VERTICAL HEADER		dwg no		10123359		rev B			
		0.X														±0.3	
		0.XX														±0.10	
ASME Y14.5		angular		0°		±2°		www.fci.com		cat. no.		-		Product - Customer Drw		sheet 2 of 4	
				0.XXX		±0.050		4 PAIR 120 POS 2MM 10 COL SMALL PRESS FIT									

PDS: Rev :B

STATUS:Released

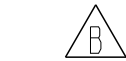
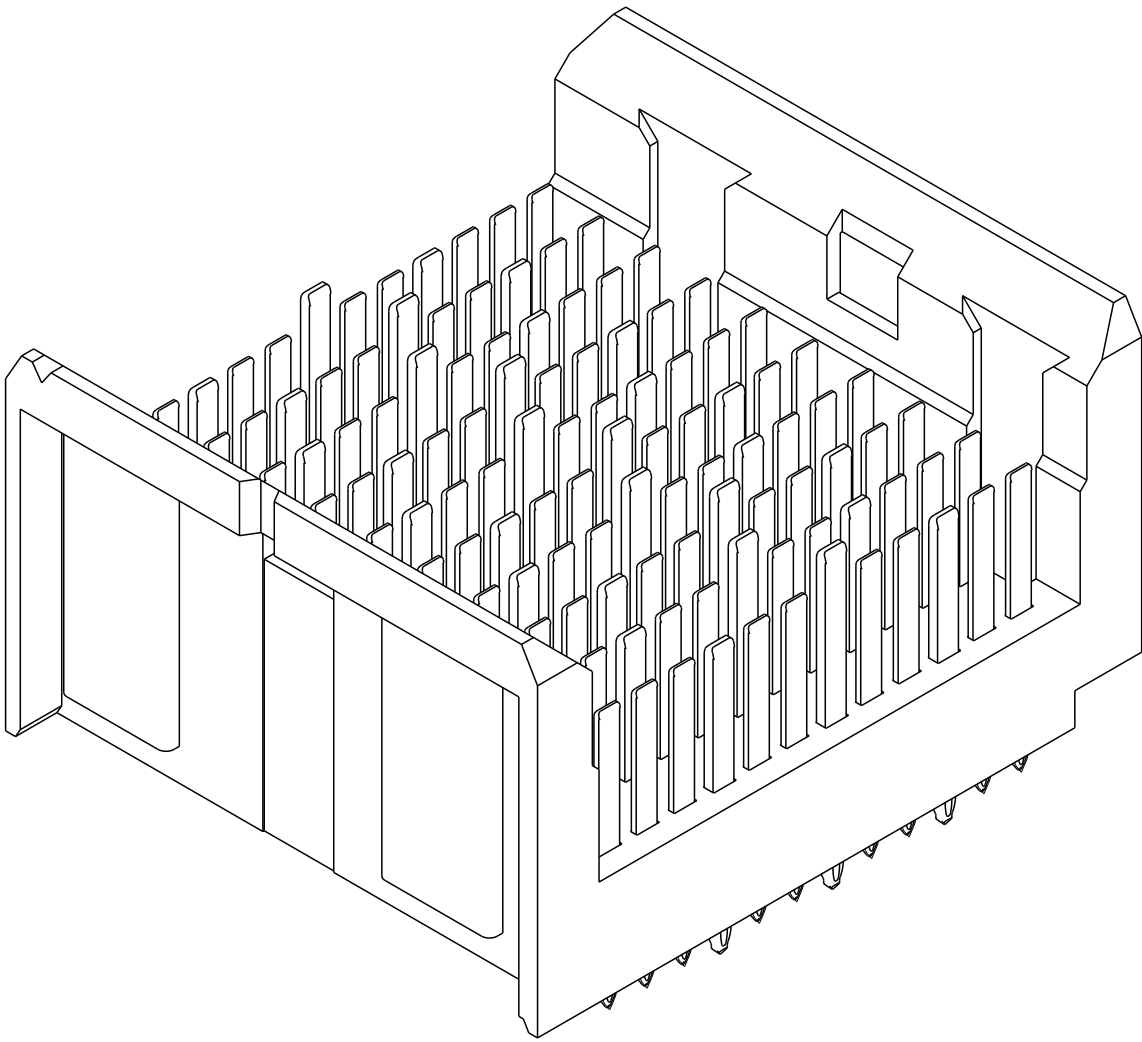
Printed: Oct 24, 2014



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

spec ref	-	dr	Sander Soe	2012/11/15	projection	MM	size	A2	scale	3:1
tolerance std	ASME Y14.5	eng	Kou Xu	2014/08/11	chr	-	ecn no	ELX-DG-18510-1	rel level	Released
surface	✓	appr	Collins Lu	2014/10/23	product family	AIRMAX VS	cat. no	10123359	rev	B
ASME Y14.5	linear	angular	0°	±2°	www.fci.com	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	DETECTION PIN	LONG GROUND PIN LOCATIONS (5.6MM)	REMARKS		
10123359-101LF	TIN OVER NICKEL (LEAD FREE)	YES	NO	F1, F3, F5, F7, F9, G2, G4, G6, G8, G10	2-SIDED PLATING		
10123359-111LF		YES	YES				



10123359-101LF & 111LF WITHOUT PROTECTIVE COVER

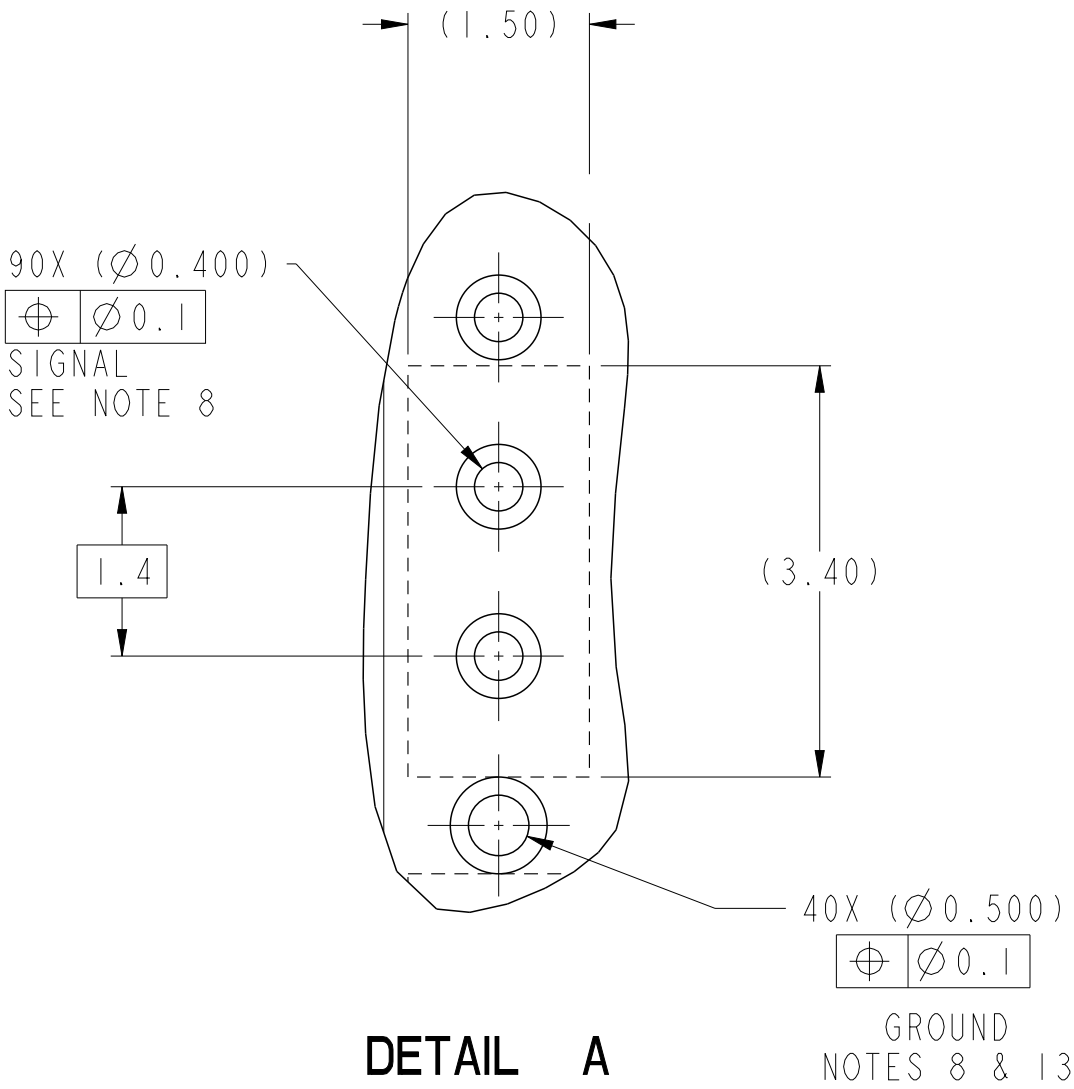
NOTES:

- CONNECTOR MATERIALS:
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0
CONTACT: COPPER ALLOY
- CONTACT PLATING:
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-XXX INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE
PRESS-FIT TAILS: SEE TABLE
- PRODUCT SPECIFICATION: GS-12-239.
- APPLICATION SPECIFICATION: GS-20-035.
- PRODUCT MARKING, (PROTOTYPE, PART NUMBER & LOT CODE), ON THIS SURFACE.
- THE MINIMUM CENTERLINE SPACING BETWEEN ADJACENT MODULES IS 20.0 mm.
- CONNECTOR OUTLINE WITH HOUSING POS A1 INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
- REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
- FOR REMOVAL OF THE PROTECTIVE CAP BY HAND GRIP USING THESE SURFACES.
- FOR REMOVAL OF THE PROTECTIVE CAP WITH PLIERS GRIP USING THIS FEATURE.
- GROUND VIAS IN POSITIONS C, F, I, & M FOR ODD COLUMNS AND POSITIONS D, G, J, & N FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.
- THE OUTER VIAS IN COLUMN M ARE OPTIONAL. IF ADDED THESE HOLES PROVIDE GROUND SYMMETRY THROUGH THE PCB. NO CONNECTOR EONS WILL BE PRESSED INTO THESE HOLES.
- MATING PIN H5 IS 0.5mm LESS WIPE NOMINAL THAN THE SHORTEST PIN.
- A

B

 SYMBOL WILL BE NEXT TO ANY DIMENSION OR VIEW, NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

B



DETAIL A
SCALE 16:1

spec ref	-	dr	Sander Soe	2012/11/15	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Kou Xu	2014/08/11	chr	-	ecn no	ELX-DG-18510-1	rel level	Released
surface	✓	appr	Collins Lu	2014/10/23	product family	AIRMAX VS	title	AIRMAX VSE VERTICAL HEADER 4 PAIR 120 POS 2MM 10 COL SMALL PRESS FIT	rev	B
ASME Y14.5	linear	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4	