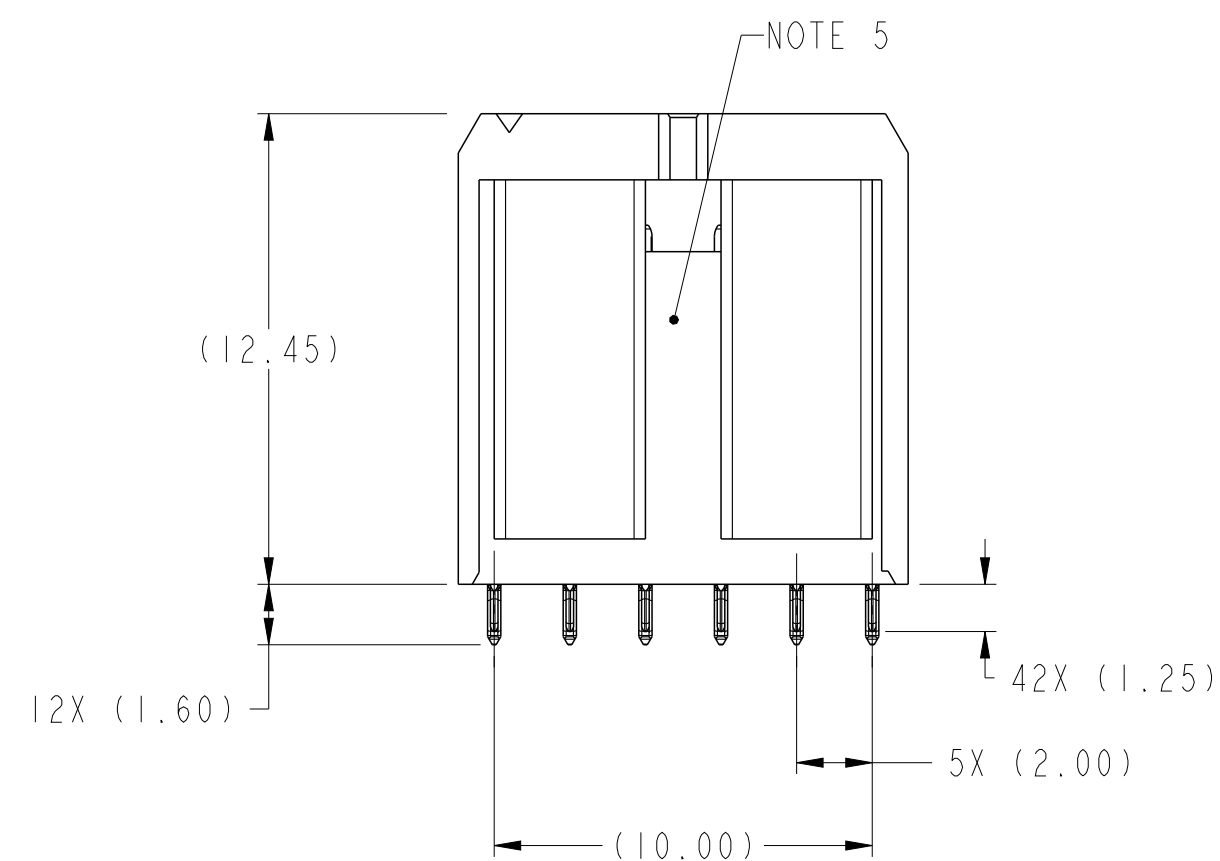
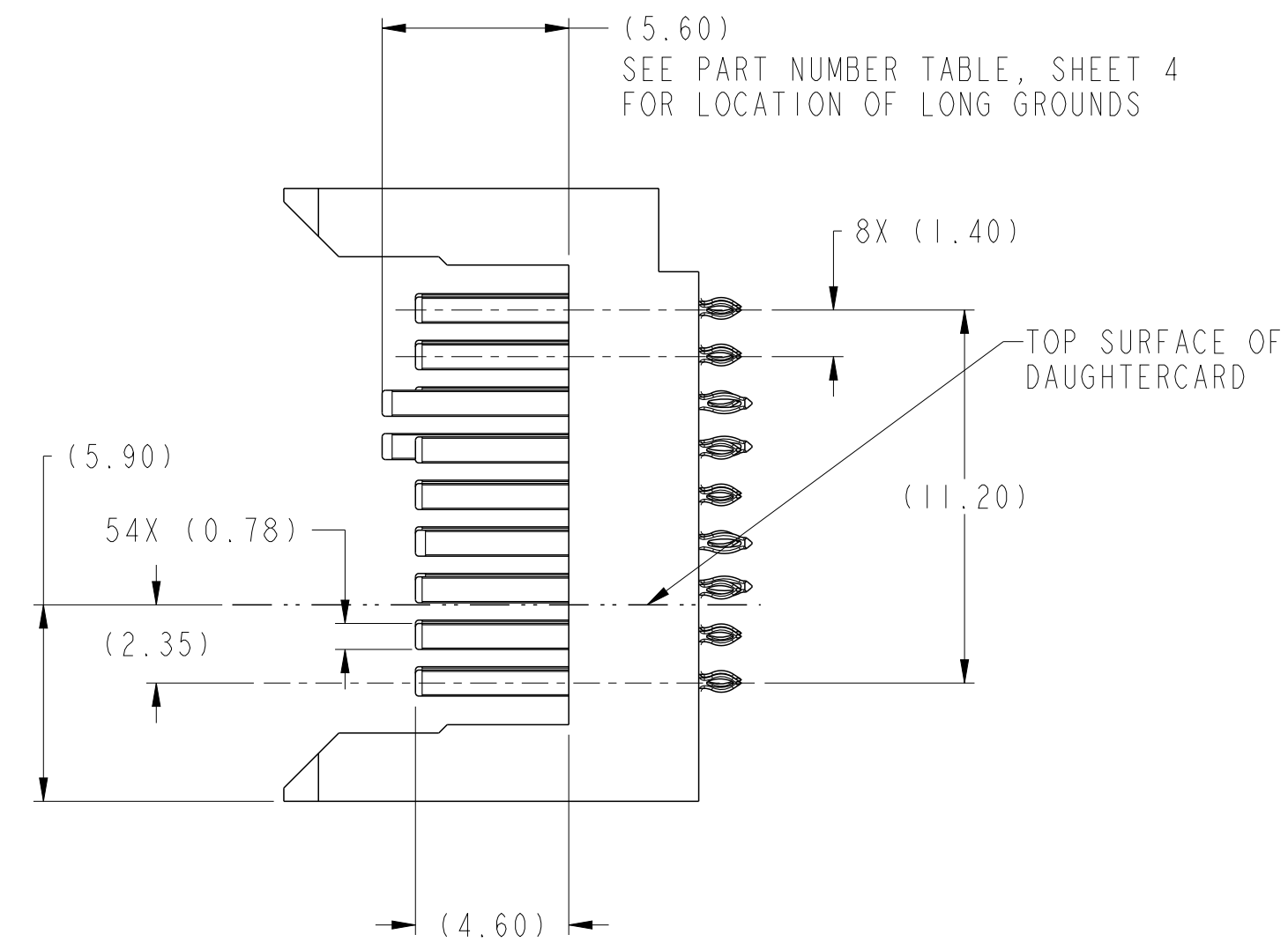
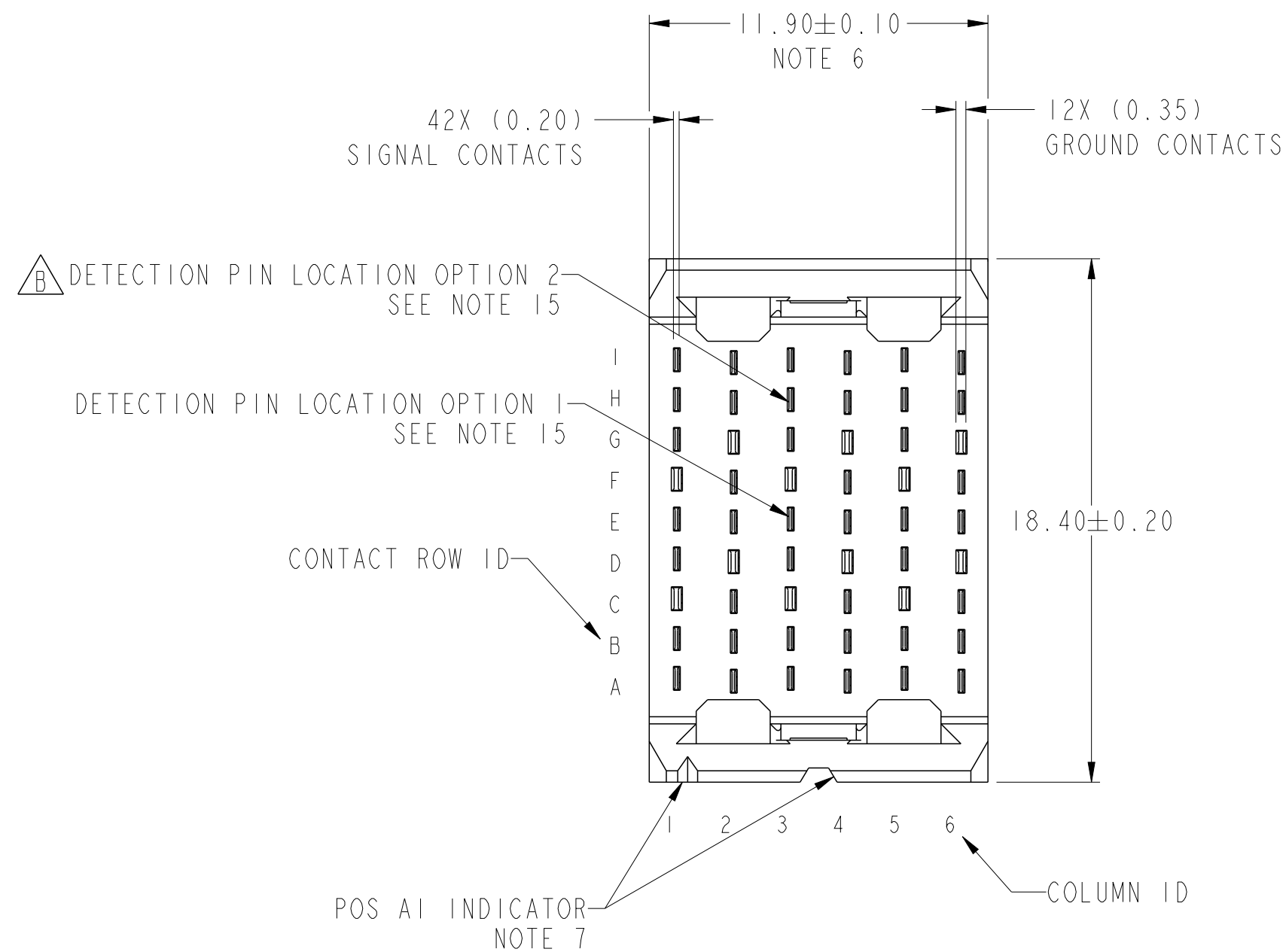


Product number
SEE TABLE, SHT 3

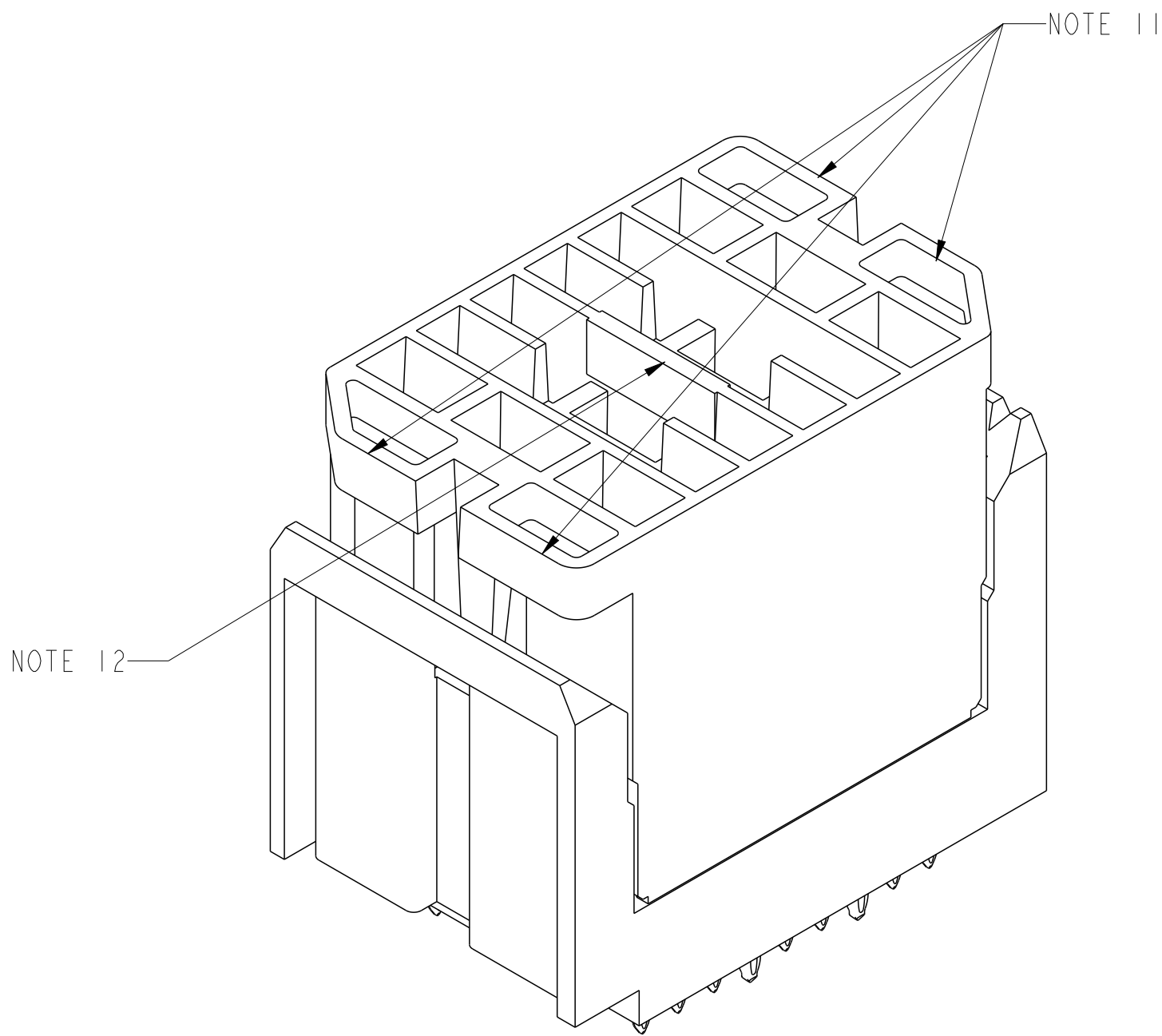
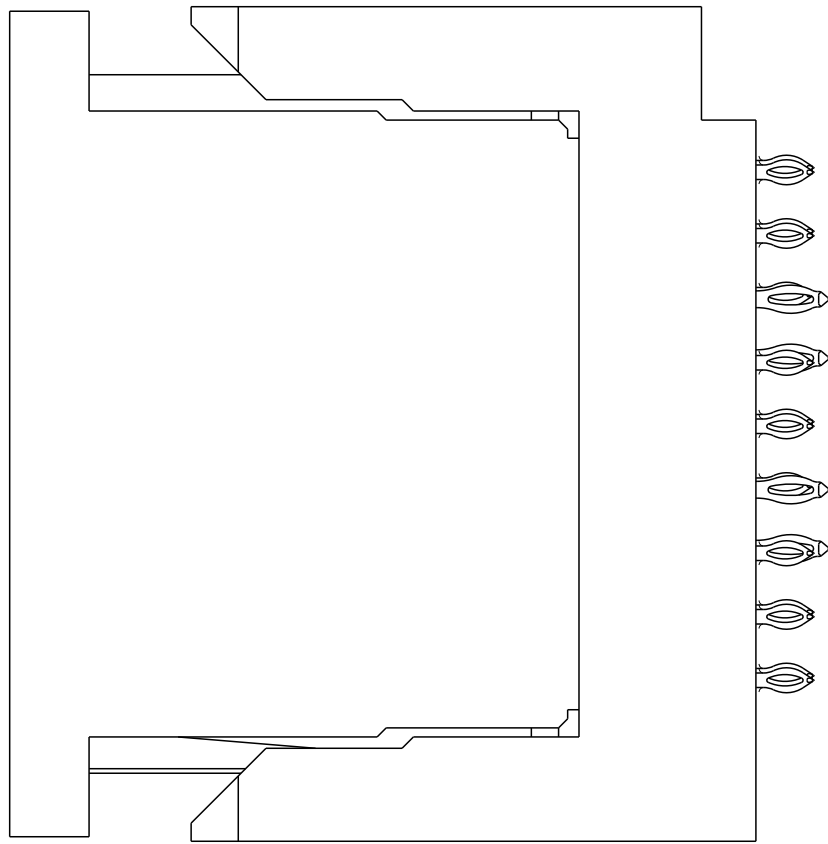
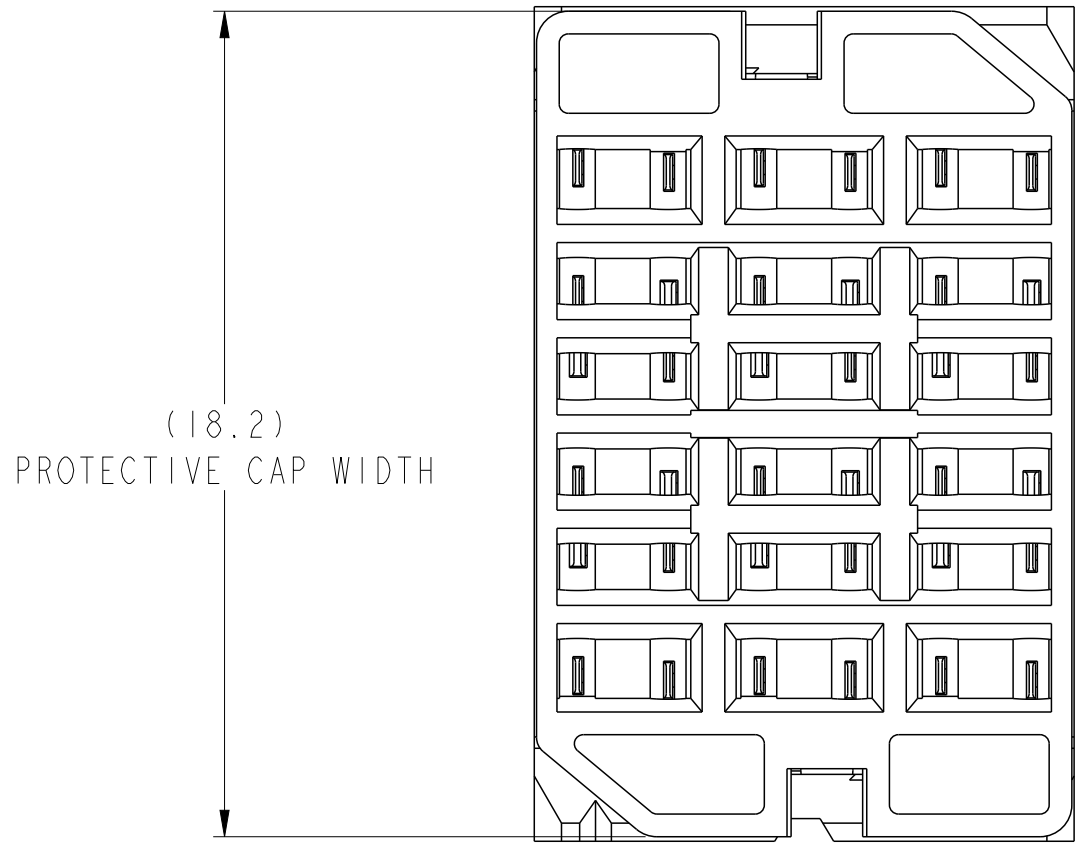


spec ref	-	dr	Sander Soe	2012/11/12	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Tao Zhan	2014/10/23	chr	-	ecn no	ELX-DG-18510-1	rel level	Released
surface	✓	appr	Collins Lu	2014/10/23	product family	AIRMAX VS	cat. no.	10123358	rev	B
ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED	linear	0.X	±0.3	angular	0°	±2°	www.fci.com	Product - Customer Drw	sheet 1 of 4

PDS: Rev :B

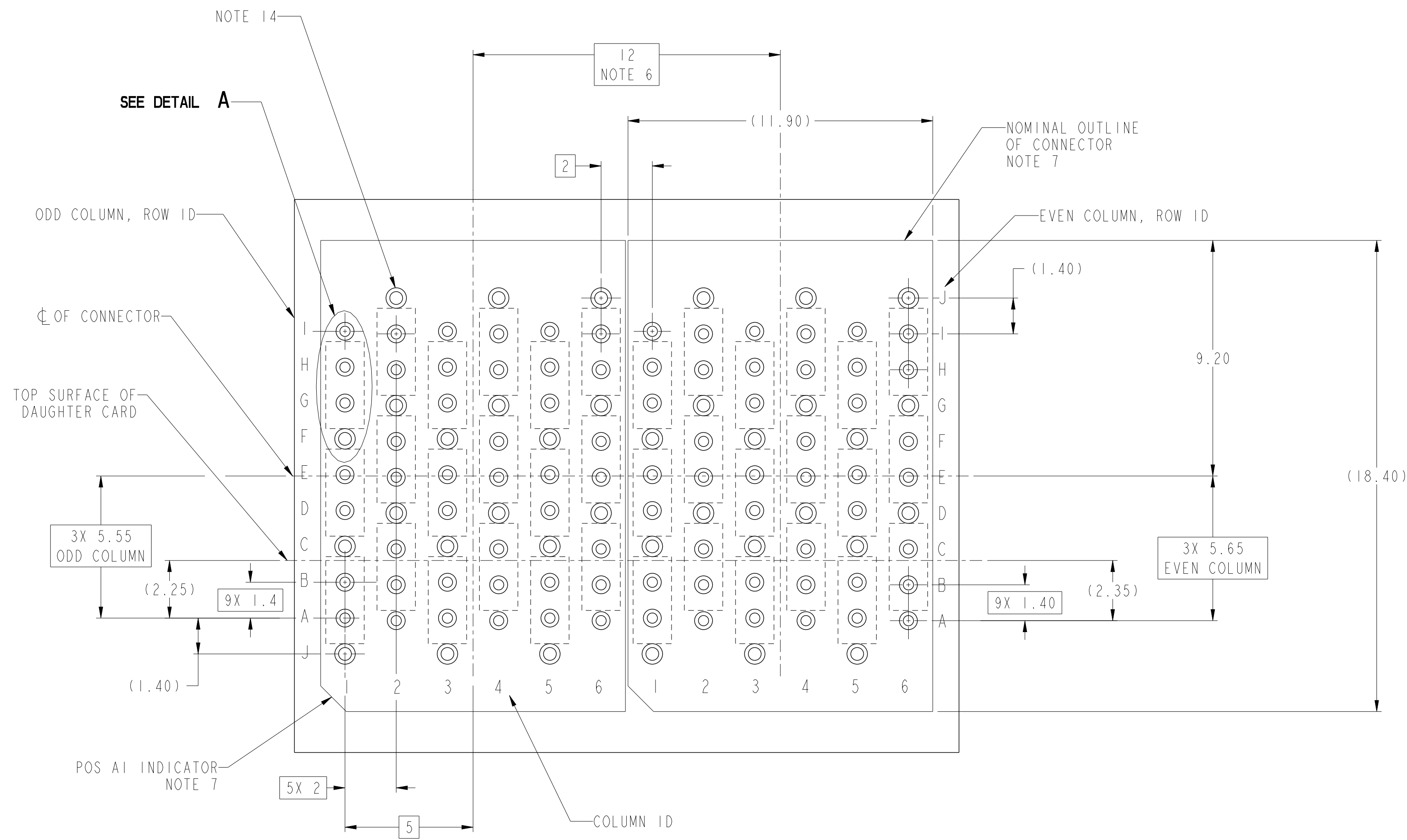
STATUS:Released

Printed: Oct 24, 2014



VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10123358-101LF & 111LF

spec ref -		dr Sander Soe		2012/11/12		projection		MM		size A2		scale 5:1					
tolerance std ASME Y14.5		TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Tao Zhan		2014/10/23				ecm no		ELX-DG-18510-1					
				chr -				product family		AIRMAX VS		rel level Released					
appr Collins Lu		2014/10/23		product family		AIRMAX VS		rel level		Released							
surface 		linear		0.X ±0.3		FCi		title		AIRMAX VSE VERTICAL HEADER		dwg no		10123358		rev	
				0.XX ±0.10						3 PAIR 54 POS 2MM 6 COL SMALL PRESS FIT						B	
ASME Y14.5		angular		0° ±2°		www.fci.com		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

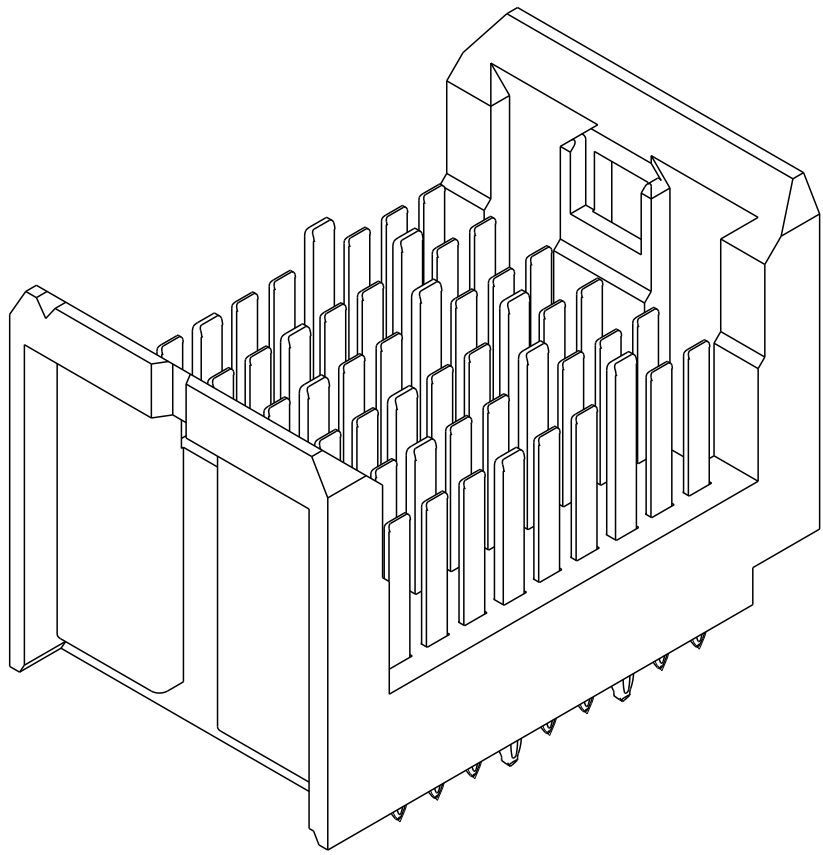
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tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng Tao Zhan	2014/10/23				ecn no ELX-DG-18510-1	
			chr -	-				rel level Released	
			appr Collins Lu	2014/10/23					
						product family AIRMAX VS			
surface - ASME Y14.5	linear	0.X	±0.3		title AIRMAX VSE VERTICAL HEADER 3 PAIR 54 POS 2MM 6 COL SMALL PRESS FIT			dwg no 10123358	rev B
		0.XX	±0.10						
		0.XXX	±0.050						
	angular	0°	±2°						

A
B
C
D
E
F

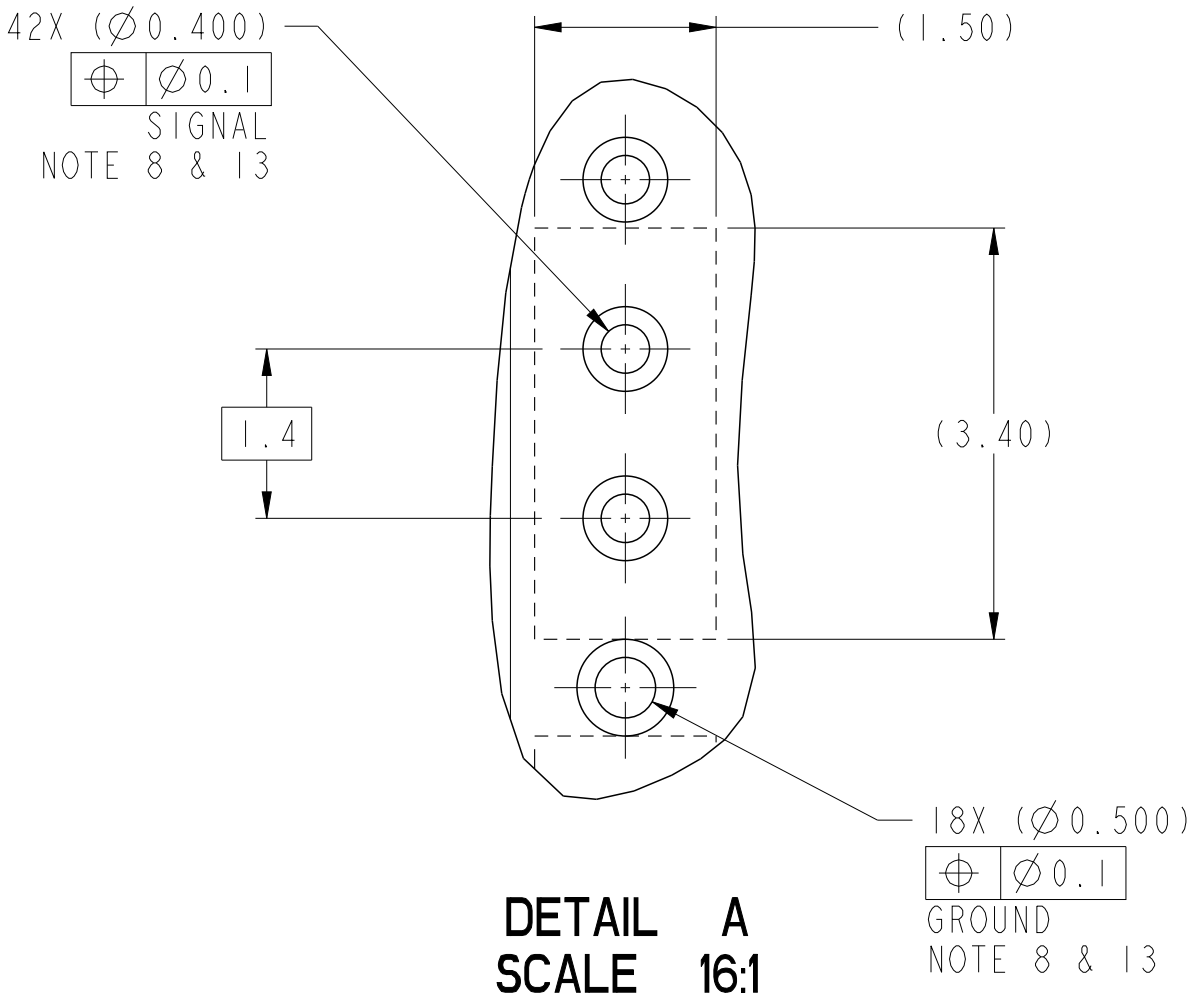
	1	2	3	4	5	6	7	8
	PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	DETECTION PIN LOCATION	LONG GROUND PIN LOCATIONS (5.6MM)	REMARKS		
A	10123358-101LF	TIN OVER NICKEL (LEAD FREE)	YES	N/A	F1, F3, F5 G2, G4, G6	2-SIDED PLATING		
	10123358-111LF		YES	H3				
	10123358-121LF		YES	E3				

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-12-239 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 12.0 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.
- LEAD FREE 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, & J FOR ODD COLUMNS AND POSITIONS D, G, & J FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.
- THE OUTER VIAS IN COLUMN J ARE OPTIONAL. IF ADDED THESE HOLES PROVIDE GROUND SYMETRY THROUGH THE PCB. NO CONNECTOR EONS WILL BE PRESSED INTO THESE HOLES.
- MATING PIN E3 & H3 IS 0.5mm LESS WIPE NOMINAL THAN THE SHOREST PIN.
- A SYMBOL WILL BE NEXT TO ANY DIMENSION,VIEW,OR NOTE THAT HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.



10123358-101LF WITHOUT PROTECTIVE COVER



DETAIL A
SCALE 16:1

spec ref	-	dr	Sander Soe	2012/11/12	projection	MM	size	A2	scale	5:1
tolerance std	ASME Y14.5	eng	Tao Zhan	2014/10/23	chr	-	ecn no	ELX-DG-18510-1	rel level	Released
surface	✓	appr	Collins Lu	2014/10/23	product family	AIRMAX VS	cat. no.	10123358	rev	B
ASME Y14.5	linear	angular	0°	±2°	www.fci.com	cat. no.	-	Product - Customer Drw	sheet 4 of 4	