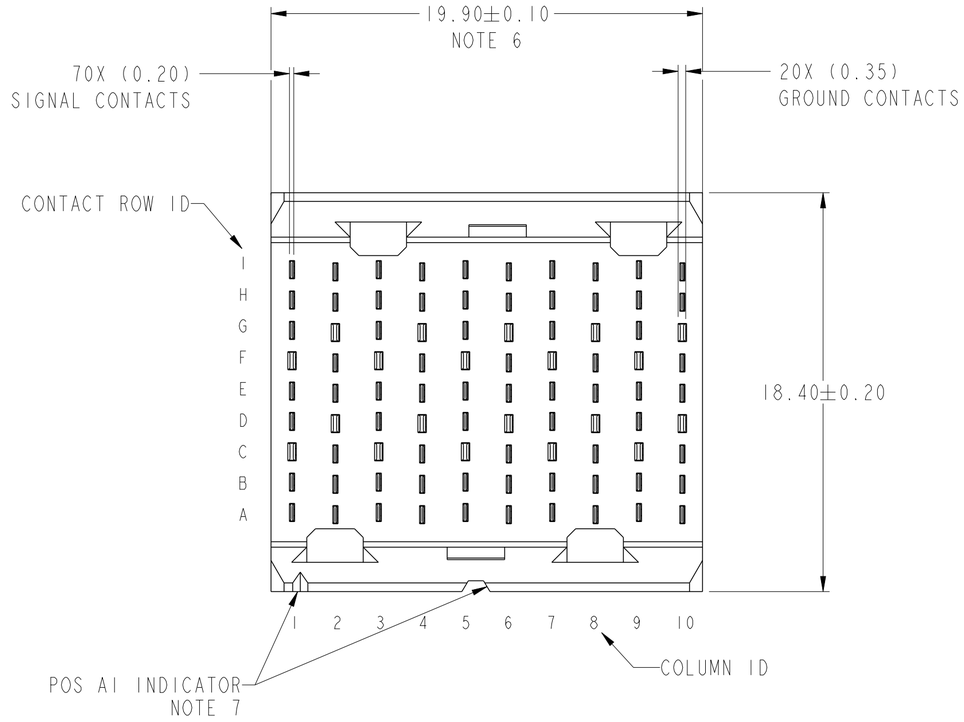
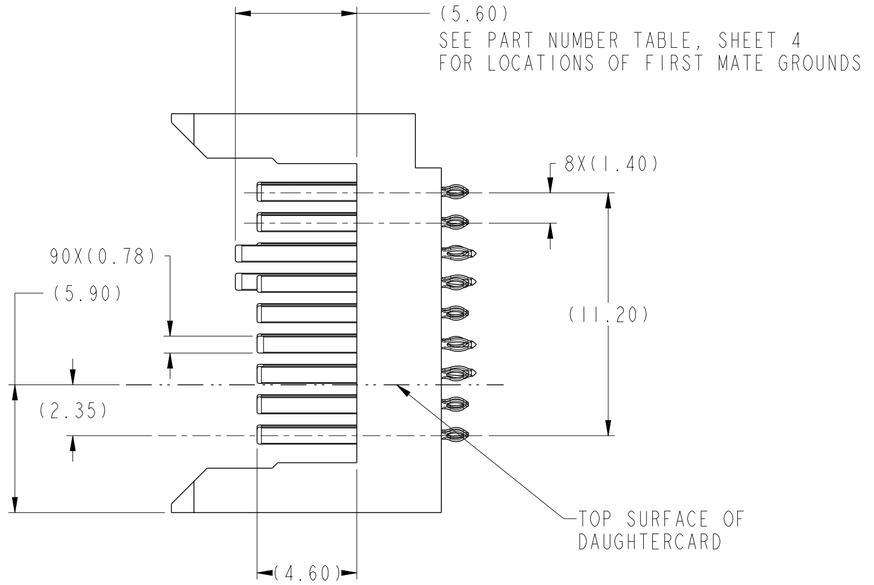
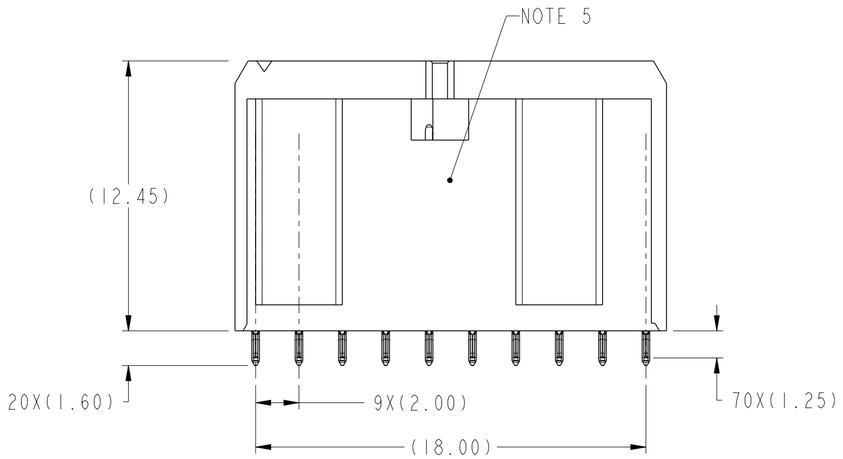
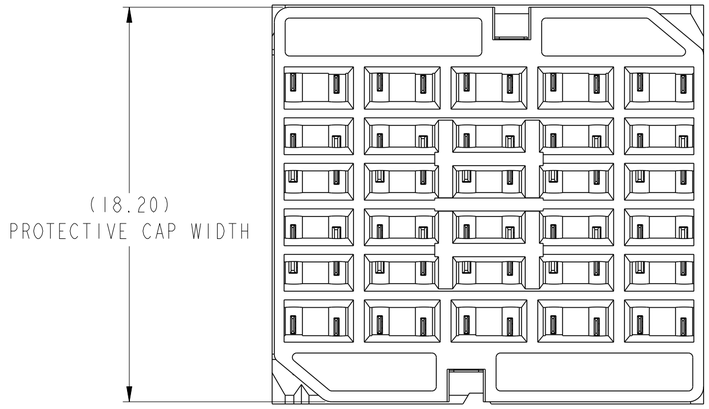
Product number
SEE TABLE, SHT 4

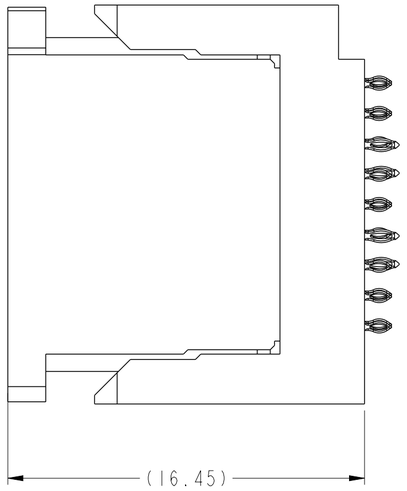






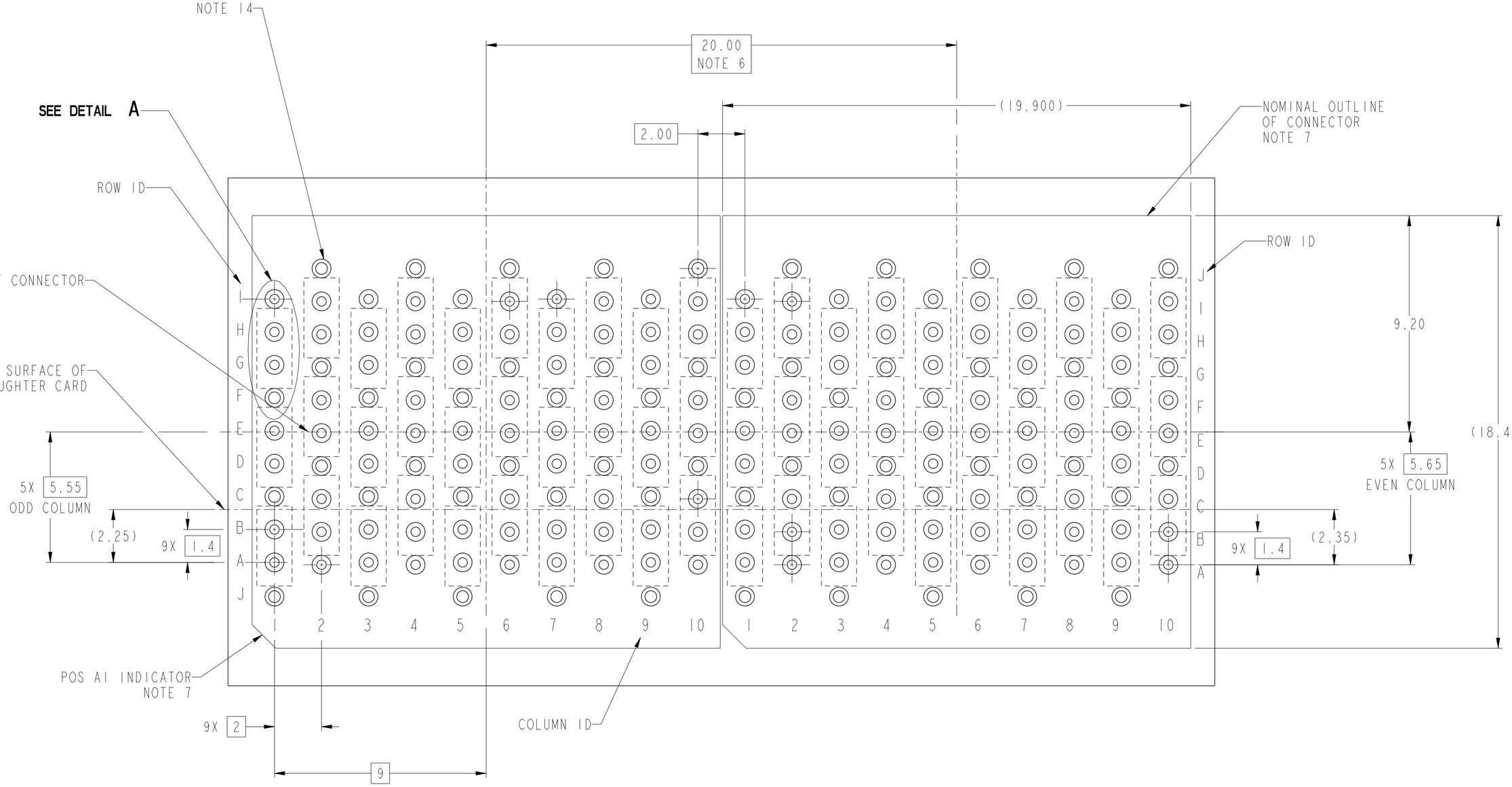
spec ref -			dr	Kou Xu	2014/06/11	projection	MM
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Jeny Ren	2014/08/24		size A2 / scale 5:1
			chr	-	-		ecn no -
			appr	Collins Lu	2014/08/24	product family AIRMAX VS	rel level Released
surface -	linear	0.X	±0.3	FCI	title	AIRMAX VSE VERTICAL HEADER	dwg no 10130519 / rev A
		0.XX	±0.10			3 PAIR 90 POS 2MM IO COL SMALL PRESS FIT	
		0.XXX	±0.050				
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no. -	Product - Customer Drw	sheet 1 of 4





VIEWS SHOWN WITH
PROTECTIVE COVER INSTALLED
10130519-101LF

spec ref -				dr	Kou Xu	2014/06/11	projection	MM	size A2 / scale 5:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Jeny Ren	2014/08/24			ecn no -
				chr	-	-			
				appr	Collins Lu	2014/08/24	product family	AIRMAX VS	rel level Released
surface -	linear	0.X	±0.3	FCI	title	AIRMAX VSE VERTICAL HEADER			dwg no 10130519 / rev A
		0.XX	±0.10			3 PAIR 90 POS 2MM 10 COL SMALL PRESS FIT			
		0.XXX	±0.050						
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

spec ref	-	dr	Kou Xu	2014/06/11	projection	MM	size A2 / scale 3:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED	eng	Jeny Ren	2014/08/24			ecn no -
		chr	-	-			
		appr	Collins Lu	2014/08/24	product family	AIRMAX VS	rel level Released
surface ASME Y14.5	linear 0.X ±0.3 / 0.XX ±0.10 / 0.XXX ±0.050 / angular 0° ±2°	FCI www.fci.com	title	AIRMAX VSE VERTICAL HEADER 3 PAIR 90 POS 2MM I0 COL SMALL PRESS FIT	dwg no	I0130519	rev A
			cat. no. -	Product - Customer Drw			sheet 3 of 4

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	PROTECTIVE COVER	FIRST MATE PIN LOCATIONS (5.6mm)
10130519-101LF	TIN OVER NICKEL (LEAD FREE)	YES	F1, F3, F5,F7,F9 G2, G4, G6,G8,G10

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 A1 INDICATOR 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. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

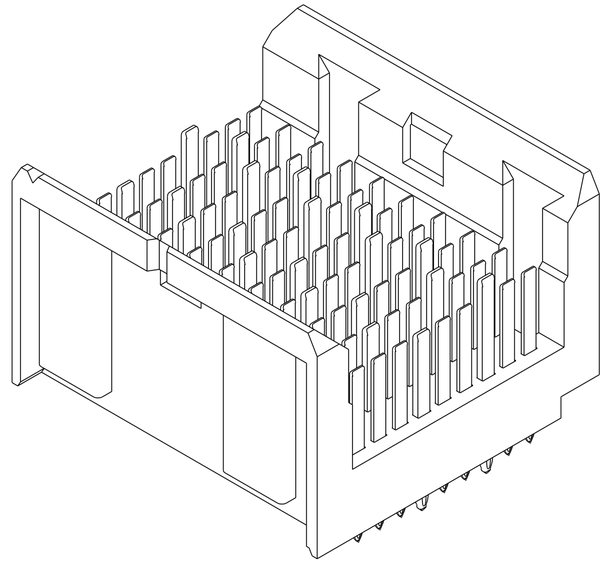
10. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.

(11.) FOR REMOVAL OF THE PROTECTIVE CAP BY HAND GRIP USING THESE SURFACES.

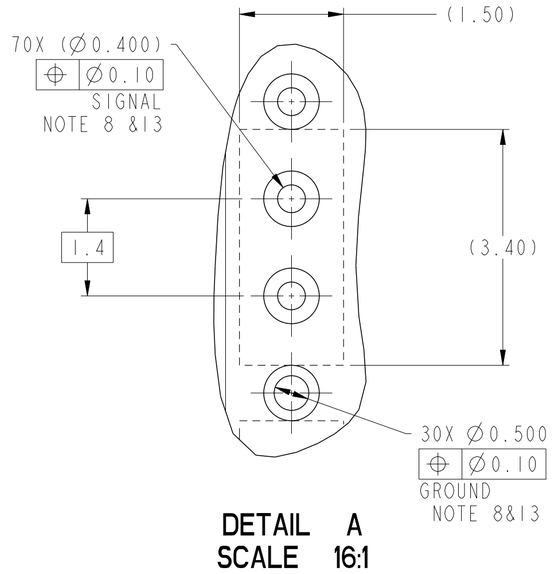
(12.) FOR REMOVAL OF THE PROTECTIVE CAP WITH PLIERS GRIP USING THIS FEATURE.

(13.) GROUND VIAS IN POSITION C,F,&J FOR ODD COLUMN AND POSITION D,G&J FOR EVEN COLUMN REQUIRE(Ø0.50) FINISHED HOLES.ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLE

(14) THE OUTER VIAS IN COLUMN J ARE OPTIONAL. IF ADDED THESE HOLES PROVIDED GROUND SYMETRY THROUGH THE PCB. NO CONNECTOR EONS WILL BE PRESSED INTO THESE HOLES.



10130519-101LF WITHOUT PROTECT COVER



DETAIL A
SCALE 16:1

spec ref	-		dr	Kou Xu	2014/06/11	projection	MM	size A2 / scale 5:1
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED		eng	Jeny Ren	2014/08/24			ecn no -
			chr	-	-			
			appr	Collins Lu	2014/08/24	product family	AIRMAX VS	rel level Released
surface	linear	0.X ±0.3	FCI www.fci.com	title	AIRMAX VSE VERTICAL HEADER	dwg no	10130519	rev A
		0.XX ±0.10			3 PAIR 90 POS 2MM I0 COL SMALL PRESS FIT			
		0.XXX ±0.050						
ASME Y14.5	angular	0° ±2°		cat. no. -		Product - Customer Drw		sheet 4 of 4