

A

B

C

D

A

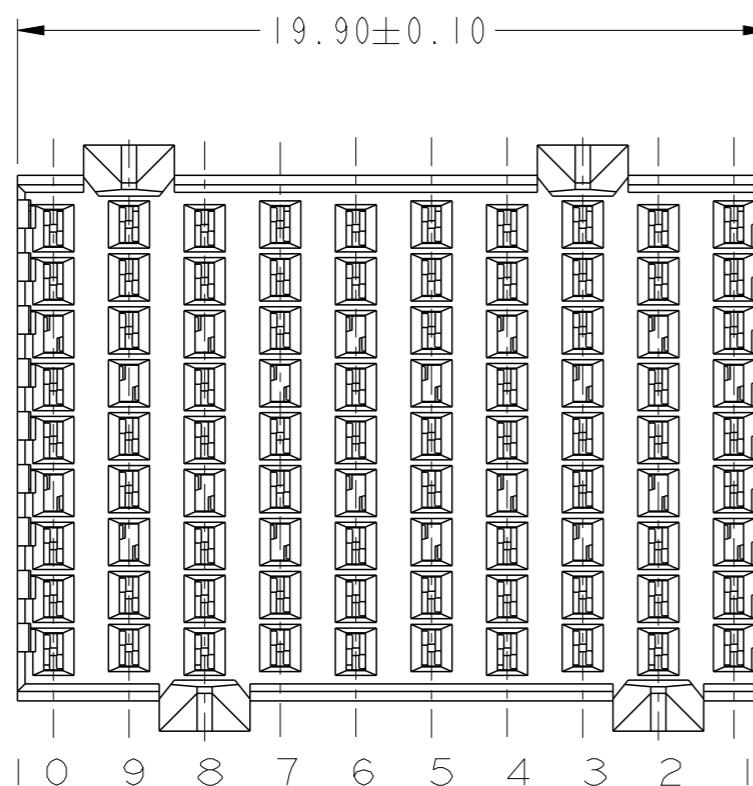
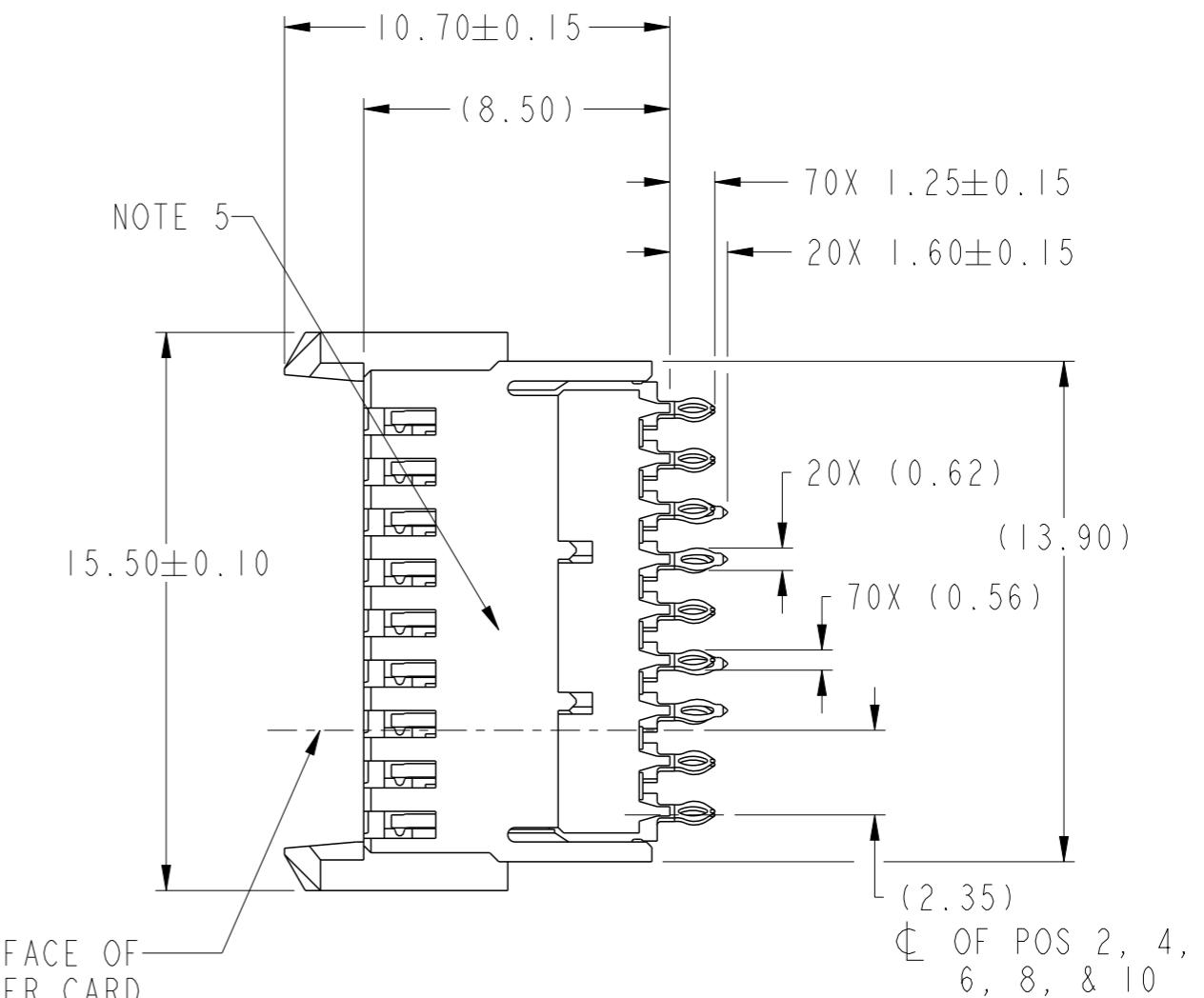
D

B

C

C

D

I  
H  
G  
F  
E  
D  
C  
B  
ATOP SURFACE OF  
DAUGHTER CARDC OF POS 2, 4,  
6, 8, & 10Amphenol  
**FCl**

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spec ref	dr	Sandar Soe	2014/08/12	projection	mm	size	scale
tolerance std	eng	Sandar Soe	2017/08/23			A3	5:1
ASME Y14.5	chr	-	-				
-	appr	Koon-Poh Tay	2018/07/26	product family	AirMax VS	rel level	Released
surface	linear	0.X	± -	<b>Amphenol <b>FCl</b></b>		ecn no	ELX-S-23595-1
		0.XX	± -	AIRMAX VS2 VERT RECEPT ASSY		dwg no	10130666
		0.XXX	± -	SMALL PRESS-FIT, 90POS, 20MM, GXT+		rev	B
ASME Y14.5	angular	0°	± °	www.fci.com	cat. no.	Product - Customer Drw	sheet 1 of 3

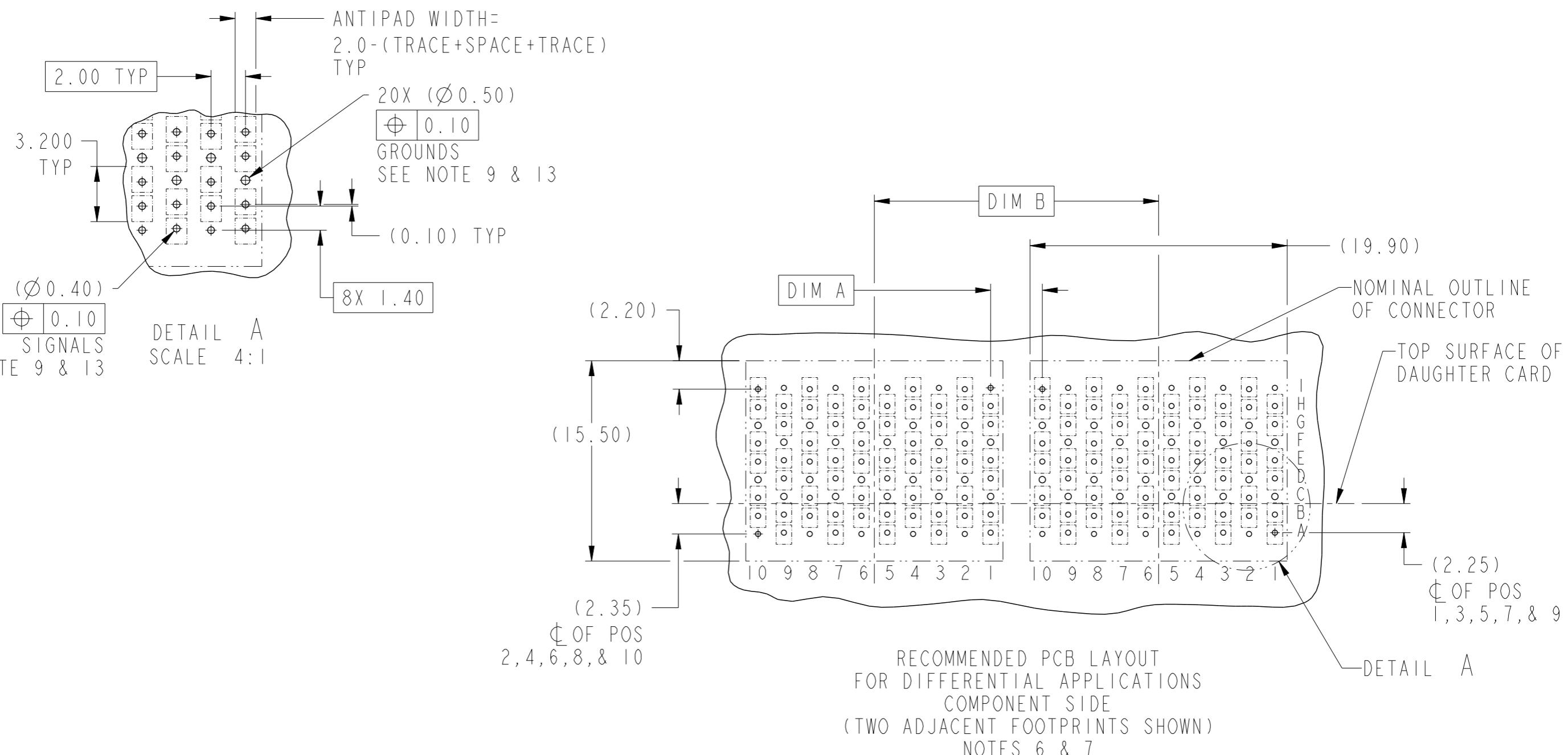
ADJACENT HEADER WIDTHS	DIM A	DIM B
20MM/20MM	2.00	20.00
22MM/22MM	4.00	22.00
20MM/22MM	3.00	21.00

A

B

C

D

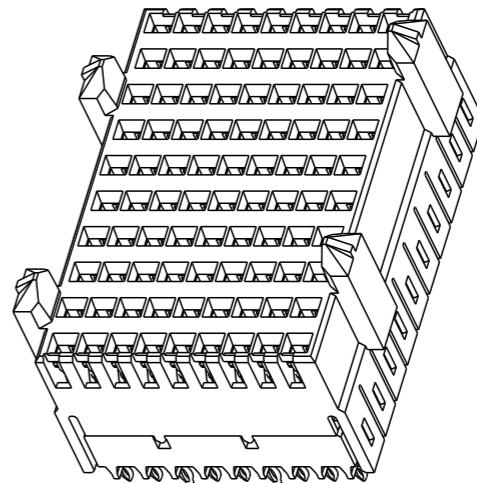


spec ref	dr	Sandar Soe	2014/08/12	projection	mm	size	scale
tolerance std	eng	Sandar Soe	2017/08/23			A3	3:1
ASME Y14.5	chr	-	-				
-	appr	Koon-Poh Tay	2018/07/26	product family	AirMax VS	rel level	Released
surface	linear	0.X	±-	<b>Amphenol FCi</b>	AIRMAX VS2 VERT RECEPT ASSY	dwg no	rev
		0.XX	±-		SMALL PRESS-FIT, 90POS, 20MM, GXT+	10130666	
		0.XXX	±-				
ASME Y14.5	angular	0°	±°	www.fci.com	cat. no.	Product - Customer Drw	sheet 2 of 3

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10130666-102	TIN/LEAD ALLOY OVER NICKEL
A 10130666-102LF B	TIN OVER NICKEL (LEAD FREE)

## NOTES:

1. CONNECTOR MATERIALS:  
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0  
IMLA PLASTIC: 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.
3. PRESS-FIT TAILS: SEE TABLE
4. PRODUCT SPECIFICATION: GS-12-239
5. APPLICATION SPECIFICATION: GS-20-035
6. PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE
7. REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
8. POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
9. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM
10. REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
11. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
13. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
14. GROUND VIAS IN POSITION C & F FOR ODD COLUMNS AND POSITIONS D & G FOR EVEN COLUMNS REQUIRE (Ø 0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø 0.40) FINISHED HOLES.
15. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



spec ref	dr	Sandar Soe	2014/08/12	projection	mm	size	scale
tolerance std	eng	Sandar Soe	2017/08/23			A3	3:1
ASME Y14.5	chr	-	-				
-	appr	Koon-Poh Tay	2018/07/26	product family	AirMax VS	rel level	Released
surface	linear	0.X	±-	Amphenol FCI	AIRMAX VS2 VERT RECEPT ASSY	dwg no	10130666 B
-		0.XX	±-		SMALL PRESS-FIT, 90POS, 20MM, GXT+	dwg no	
-		0.XXX	±-			dwg no	
ASME Y14.5	angular	0°	±°		www.fci.com	cat. no.	
					-	Product - Customer Drw	sheet 3 of 3