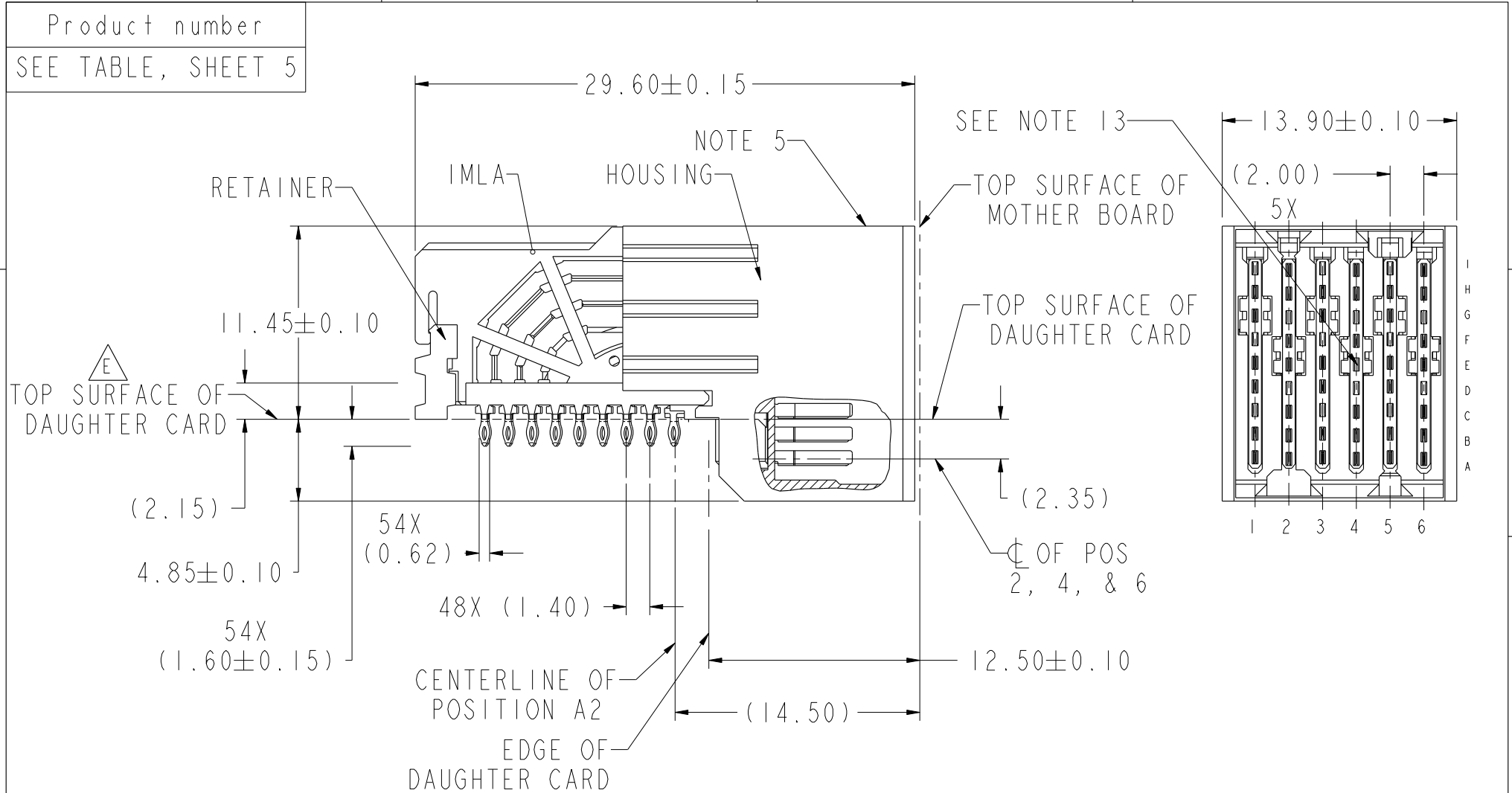
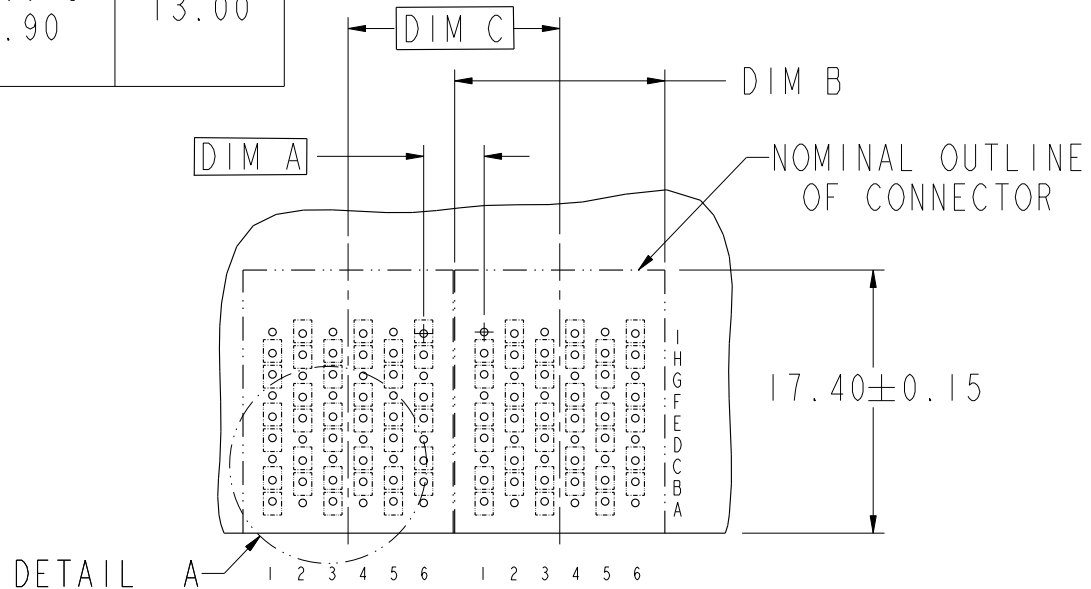




spec ref				dr	Stu Stoner	2009/02/07	projection 	MM 	size	A4	scale	3:1			
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	N Anandakumar	2016/07/11			ecn no	ELX-S-24431-1					
				chr	-	-									
					appr	Chen-Hong Tan	2016/07/14	product family		AirMax VS		rel level	Released		
surface 3.2 ASME Y14.5	linear	0.X	±	Amphenol FCi	title				AirMax VS R/A Header	dwg no	10097256		rev	E	
		0.XX	±												
					0.XXX	±									
	angular	0°	±°		cat. no.		-		Product - Customer Drw				sheet 1 of 5		

1		2		3		4	
DESCRIPTION		DIM A	DIM B	DIM C			
2-14MM MODULES PLACED END-TO-END		4.00	2X 13.90	14.00			
1-12MM MODULE & 1-14MM MODULE PLACED END-TO-END		3.00	1X 11.90 & 1X 13.90	13.00			



**RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7**

spec ref			dr	Stu Stoner	2009/02/07	projection 	MM 	size	A4	scale	2:1		
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	N Anandakumar			2016/07/11	ecn no			ELX-S-24431-1	
				chr	-			-	rel level			Released	
				appr	Chen-Hong Tan			2016/07/14	product family				
surface 3.200 ✓ ASME Y14.5	linear	0.X	±	Amphenol FCI	title	AirMax VS R/A Header 85 OHM, PRESS FIT, 54 POS, 14MM			dwg no	10097256		rev	E
		0.XX	±										
	angular	0°	±°										

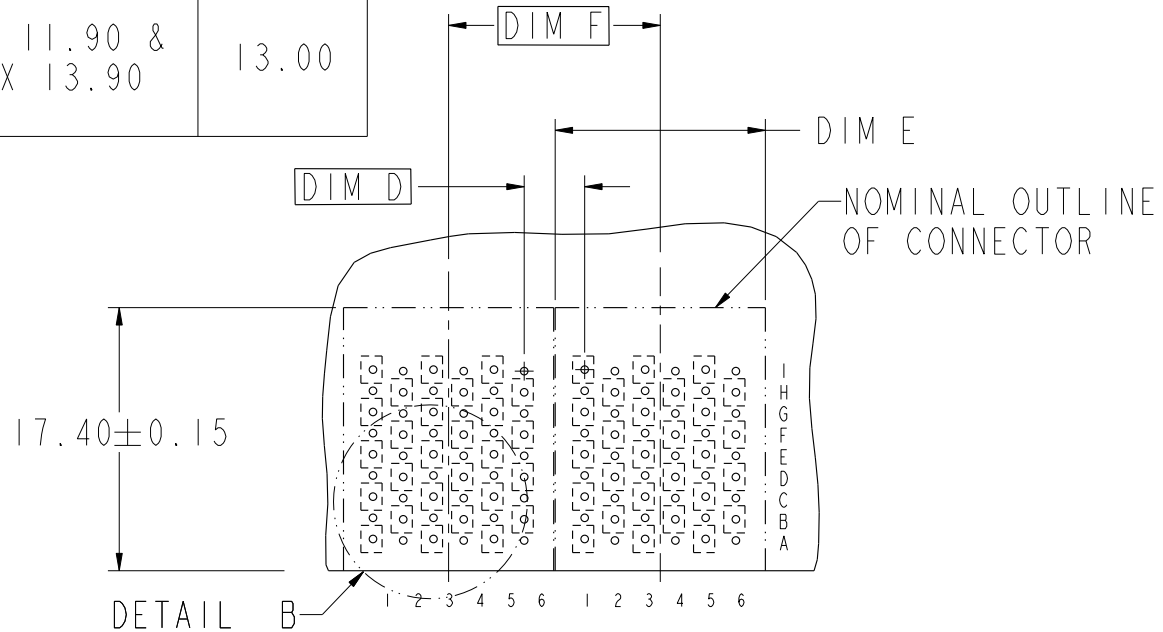
A

B

C

D

DESCRIPTION	DIM D	DIM E	DIM F
2-14MM MODULES PLACED END-TO-END	4.00	2X 13.90	14.00
1-12MM MODULE & 1-14MM MODULE PLACED END-TO-END	3.00	1X 11.90 & 1X 13.90	13.00



RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

spec ref				dr	Stu Stoner	2009/02/07	projection 	MM 	size	A4	scale	2:1	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	N Anandakumar	2016/07/11			ecn no	ELX-S-24431-1			
				chr	-	-			rel level			Released	
				appr	Chen-Hong Tan	2016/07/14			product family				
surface 3.200 ✓ ASME Y14.5	linear	0.X	±	Amphenol FCi	title	AirMax VS R/A Header 85 OHM, PRESS FIT, 54 POS, 14MM			dwg no	10097256		rev	E
		0.XX	±										
		0.XXX	±										
		angular	0°	±°		cat. no.	-	Product - Customer Drw			sheet 3 of 5		

A

B

C

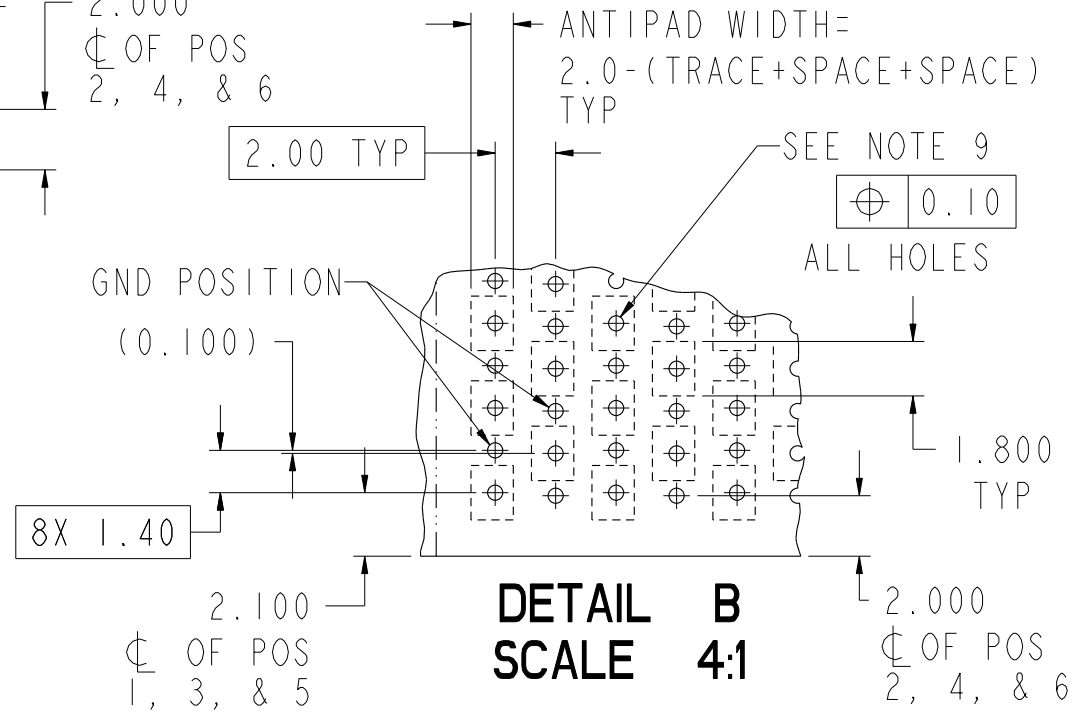
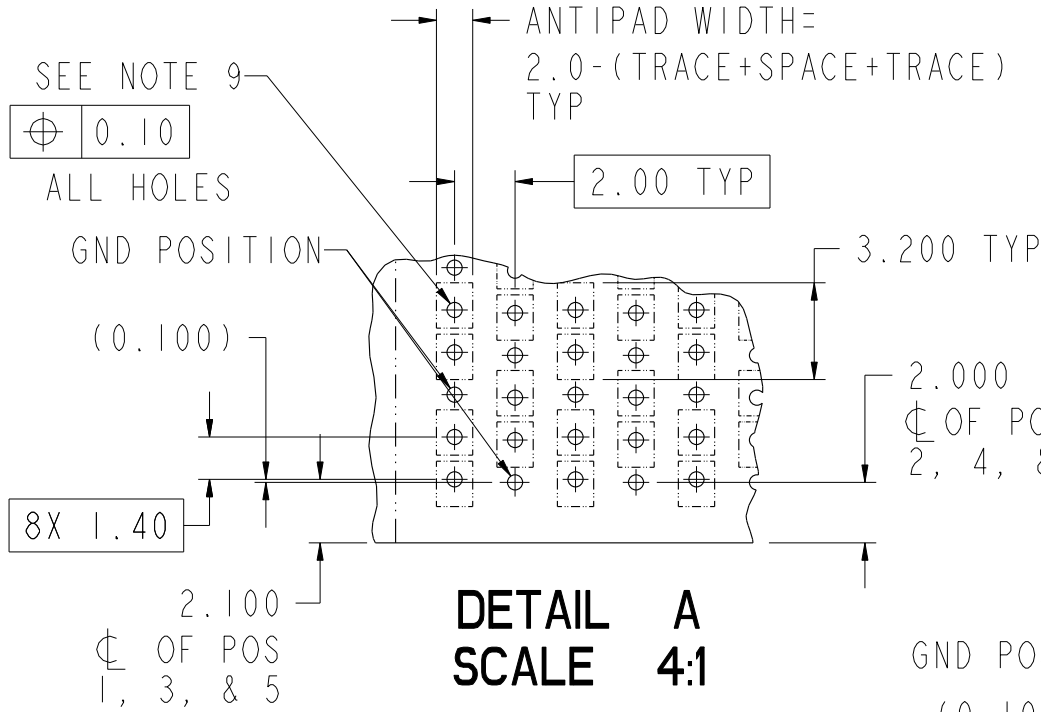
D

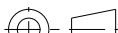
A

B

C

D



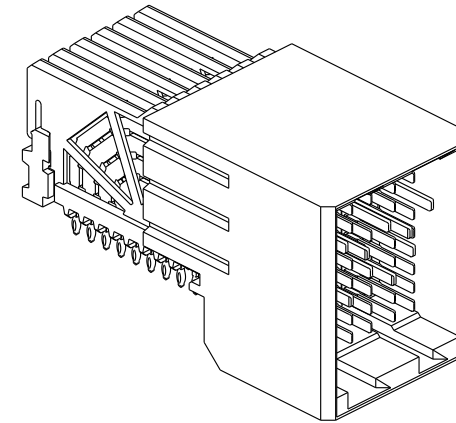
spec ref		dr		Stu Stoner	2009/02/07	projection 	MM 	size	A4	scale	2:1	
tolerance std ASME Y14.5 -	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	N Anandakumar			2016/07/11	ecn no ELX-S-24431-1			
				chr	-			-				
		appr		Chen-Hong Tan	2016/07/14	product family			rel level Released			
surface 3.200 ASME Y14.5	linear	0.X	±	Amphenol FCI	title	AirMax VS R/A Header 85 OHM, PRESS FIT, 54 POS, 14MM			dwg no	10097256		rev E
		0.XX	±									
		0.XXX	±									
	angular	0°	±°		cat. no.	-	Product - Customer Drw			sheet 4 of 5		

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10097256-101LF	TIN OVER NICKEL (LEAD FREE)	NO
10097256-111LF	TIN OVER NICKEL (LEAD FREE)	YES (SEE NOTE 13)

NOTES:

- CONNECTOR MATERIALS:
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, WHITE, UL94V-0
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, GREY, 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, (PART NUMBER, LOT CODE, AND "85 OHM")
ON THIS SURFACE
- REFER TO CUSTOMER DRAWING 10035911 FOR INFORMATION REGARDING
PCB LAYOUT OF POWER AND GUIDE MODULES RELATIVE TO SIGNAL MODULES
- POSITIONS F OF ODD NUMBERED COLUMNS AND POSITIONS G
OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS
- THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM



- REFER TO CUSTOMER DRAWING 10045979 FOR
INFORMATION ON PCB HOLE DIAMETERS AND
PLATING OPTIONS.
- LEAD FREE PRODUCT MEETS EUROPEAN UNION
DIRECTIVES & OTHER COUNTRY REGULATIONS AS
DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C PEAK TEMPERATURE FOR 40 SECONDS IN
A CONVECTION, INFRA-RED OR VAPOR PHASE
REFLOW OVEN.
- PACKAGING MEETS GS-14-920 LEAD FREE LABELING
SPECIFICATION.
- MATING PIN E4 HAS 0.5mm LESS NOMINAL WIPE THAN
THE SHORTEST SIGNAL PIN.
- A $\triangle$ E SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH
THE CURRENT DRAWING REVISION.

spec ref	dr	Stu Stoner	2009/02/07	projection	MM	size	A4	scale	2:1
tolerance std	eng	N Anandakumar	2016/07/11			ecn no	ELX-S-24431-1		
ASME Y14.5	chr	-	-	product family	AirMax VS	rel level	Released		
-	appr	Chen-Hong Tan	2016/07/14	title		dwg no	10097256	rev	E
surface 3.2	Amphenol FCI			AirMax VS R/A Header					
linear				85 OHM, PRESS FIT, 54 POS, 14MM					
ASME Y14.5				cat. no.		Product - Customer Drw		sheet 5 of 5	
angular	0°	±°							