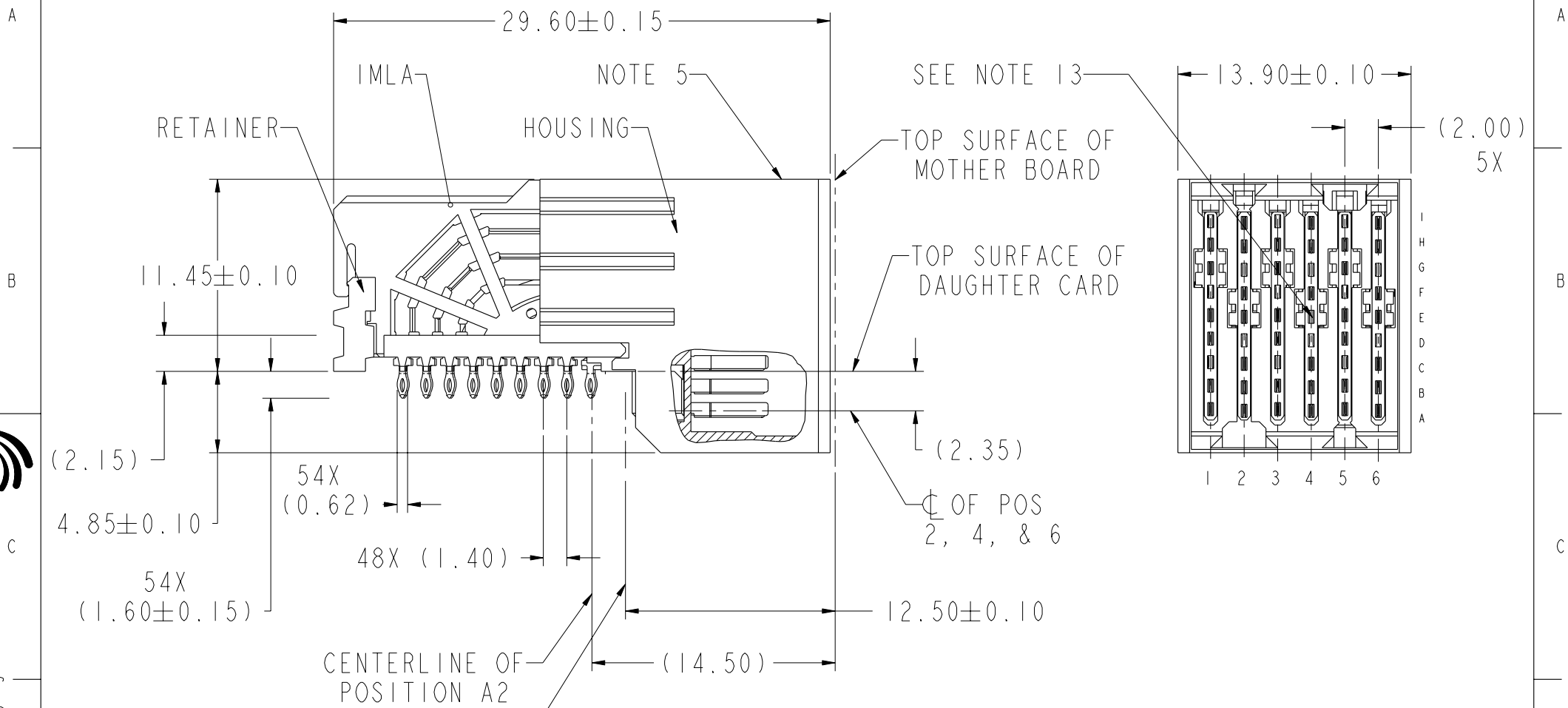


Product number
SEE TABLE, SHEET 5



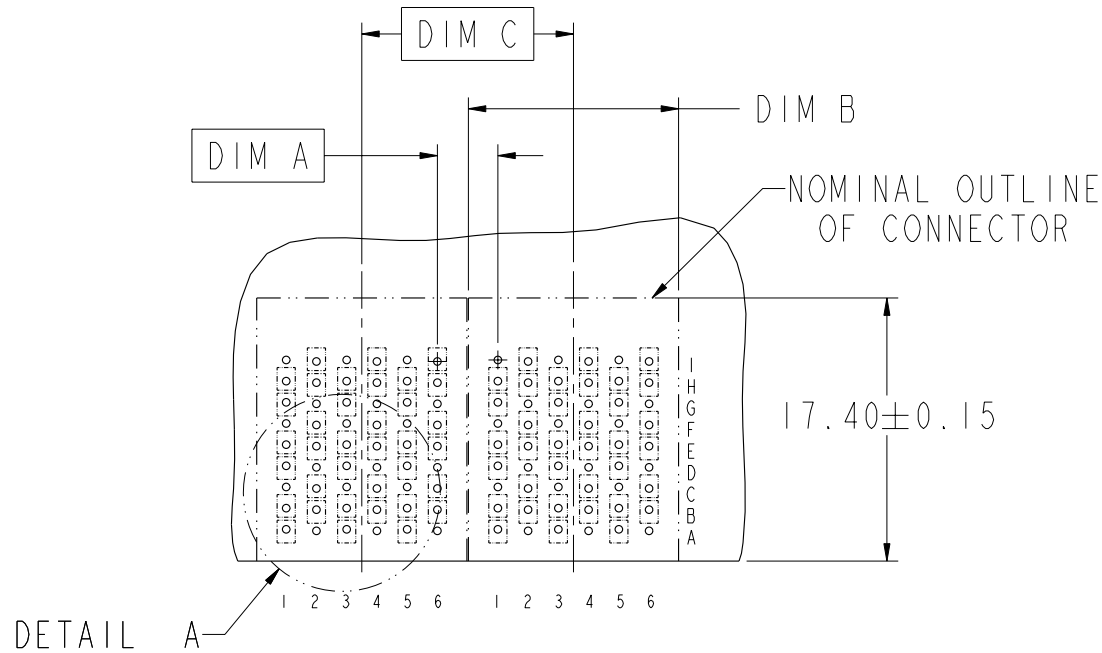
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rev	ecn no	dr	date
A	V09-0283	SCS	2009-06-04
B	V10-0010	SCS	2010-01-11
C	V10-0025	SCS	2010-01-21
D	V10-0057	SCS	2010-02-03
-	-	-	-
-	-	-	-

www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection MM
TOLERANCES UNLESS OTHERWISE SPECIFIED			ANGULAR	LINEAR	Scale 3:1
Dr	W. J. SWAIN	2008-04-01	0.X	±	size A4
Eng	W. J. SWAIN	2008-04-01	0.XX	±	ECN ***
Chr	W. J. SWAIN	2008-04-01	0.XXX	±	Spec ref
Appr	S MINICH	2009-06-04	Product family AirMax VS		
FCI			AirMax VS R/A HEADER ASSY		Rev. D
			85 OHM, PRESS-FIT, 54 POS, 14MM		dwg no 10097256
			catalog no	CUSTOMER	sheet 1 of 5

REV F - 2006-04-17

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



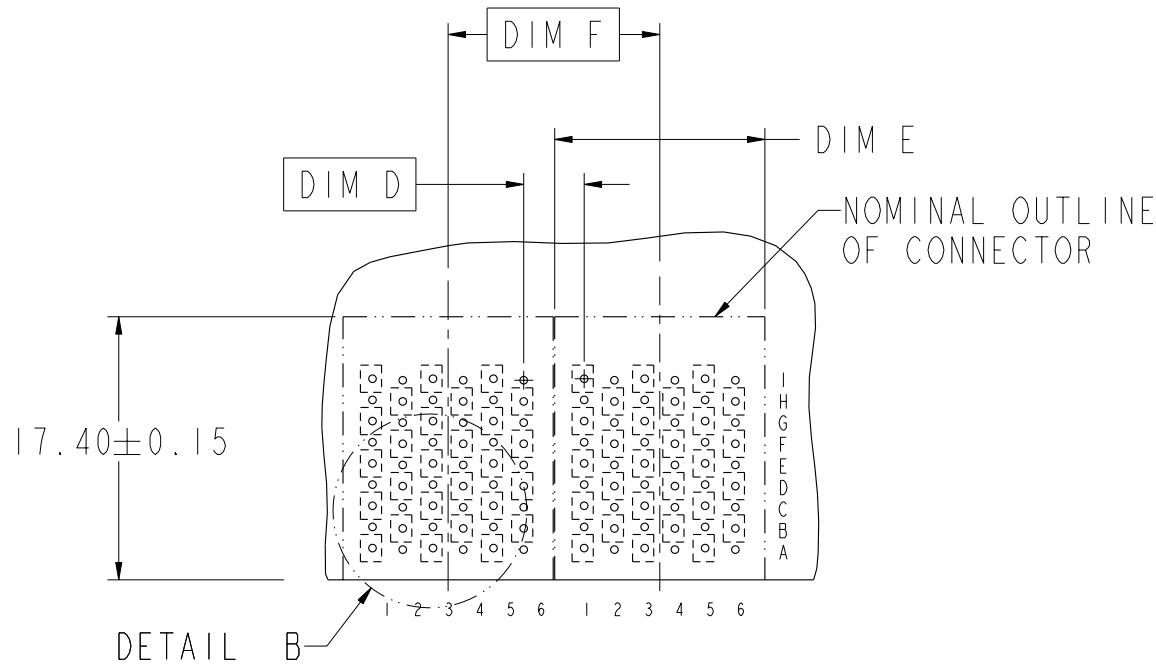
**RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7**



title AirMax VS R/A HEADER ASSY 85 OHM, PRESS-FIT, 54 POS, 14MM catalog no	-	dwg no 10097256	Rev. D
			CUSTOMER



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**



title AirMax VS R/A HEADER ASSY 85 OHM, PRESS-FIT, 54 POS, 14MM	catalog no -	dwg no 10097256	Rev. D
			CUSTOMER sheet 3 of 5





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SEE NOTE 9
⌀ 0.10
ALL HOLES

ANTIPAD WIDTH=
 $2.0 - (\text{TRACE} + \text{SPACE} + \text{TRACE})$
TYP

2.00 TYP

GND POSITION
(0.100)

3.200 TYP

2.000
⌀ OF POS
2, 4, & 6

8X 1.40

2.100
⌀ OF POS
1, 3, & 5

DETAIL A
SCALE 4:1

2.00 TYP

ANTIPAD WIDTH=
 $2.0 - (\text{TRACE} + \text{SPACE} + \text{SPACE})$
TYP

SEE NOTE 9
⌀ 0.10
ALL HOLES

GND POSITION
(0.100)

1.800
TYP

8X 1.40

2.100
⌀ OF POS
1, 3, & 5

DETAIL B
SCALE 4:1

2.000
⌀ OF POS
2, 4, & 6

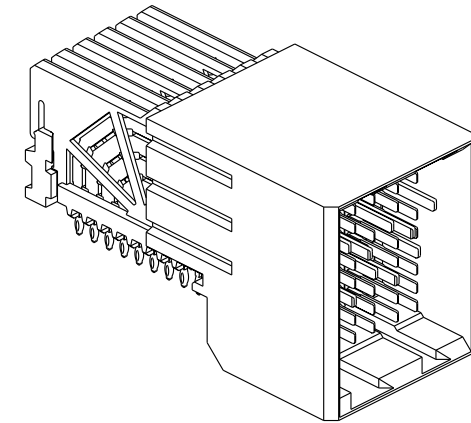


AirMax VS R/A HEADER ASSY
85 OHM, PRESS-FIT, 54 POS, 14MM
catalog no -

dwg no 10097256
CUSTOMER sheet 4 of 5

Rev. D

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:

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

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

FCI	title	AirMax VS R/A HEADER ASSY	dwg no	10097256	Rev.	D
		85 OHM, PRESS-FIT, 54 POS, 14MM				
	catalog no	-	CUSTOMER	sheet 5 of 5		