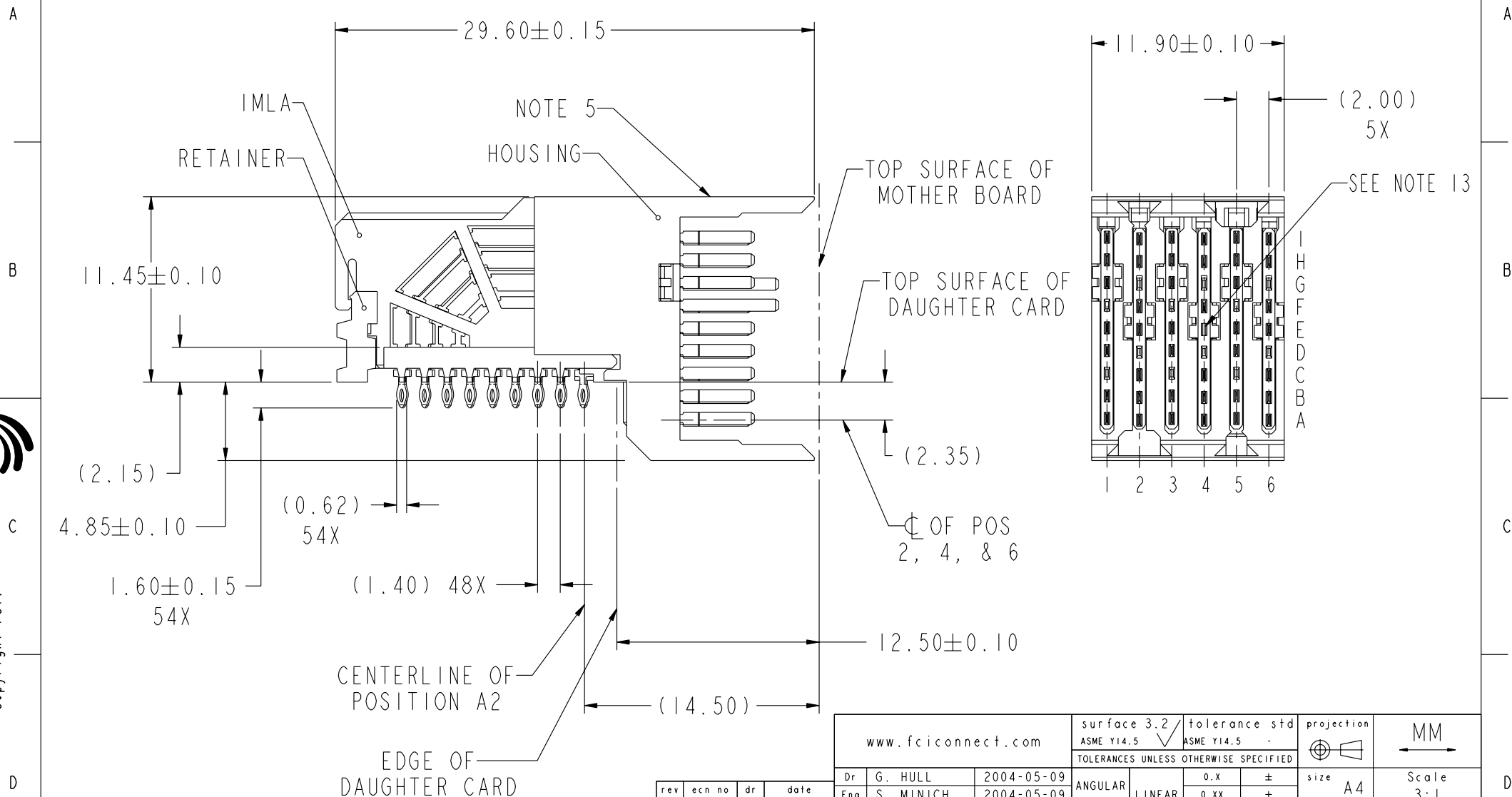


PRODUCT NUMBER
SEE TABLE, SHEET 5



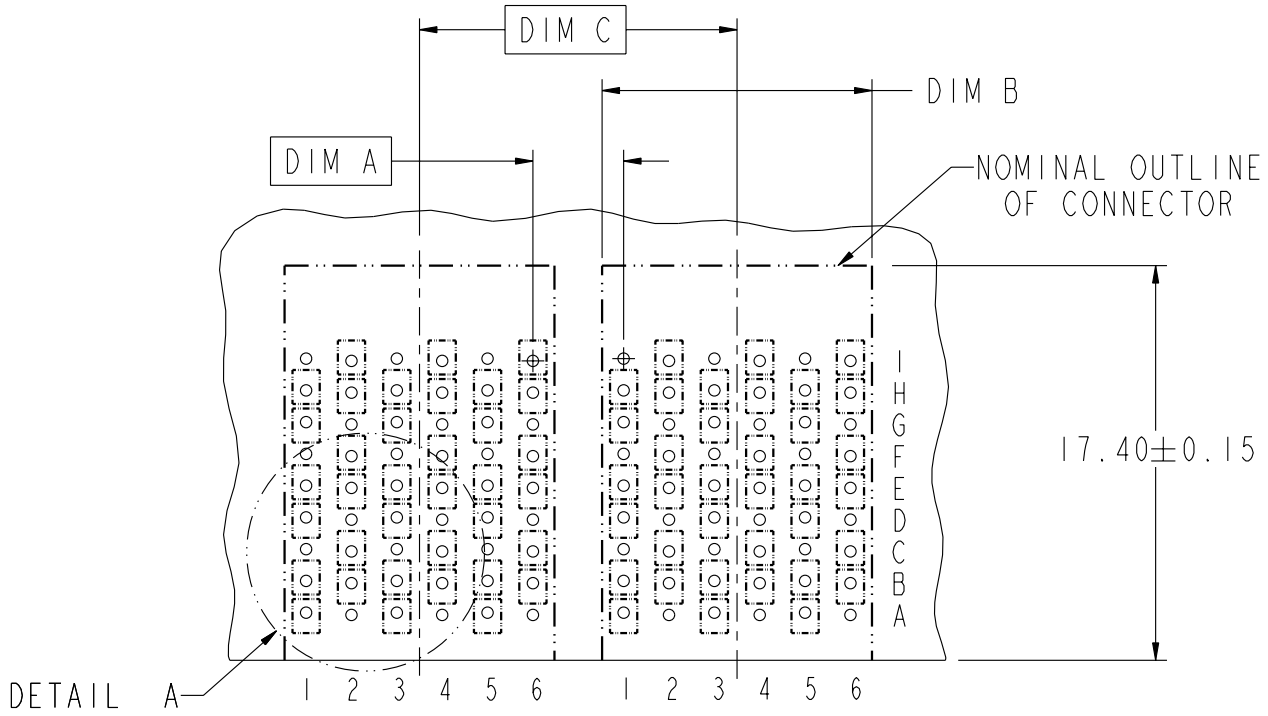
rev	ecn no	dr	date
A	V05-0461	LRJ	2006-02-24
B	V06-0209	LRJ	2006-03-01
C	V06-0531	SCS	2006-06-07
D	S06-0374	DG	2006-12-21
-	-	-	-
-	-	-	-
-	-	-	-

www.fciconnect.com			surface 3.2 ASME Y14.5 ✓		tolerance std ASME Y14.5 -		projection 		MM 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	G. HULL	2004-05-09	ANGULAR	LINEAR	0.X	±	size A4	Scale 3:1			
Eng	S. MINICH	2004-05-09			0.XX	±					
Chr	C. H. TAN	2006-12-21			0.XXX	±					
Appr	JOEY NG	2006-12-21	Product family AirMax VS					ECN ***			
			Spec ref								
			title AirMax VS R/A HEADER ASSY PRESS-FIT, 54 POS, 12MM				dwg no 10040862			Rev D	
			catalog no -				CUSTOMER			sheet 1 of 5	



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DESCRIPTION	DIM A	DIM B	DIM C
2-12MM MODULES PLACED END-TO-END	2.00	11.90 2X	12.00
1-12MM MODULE & 1-14MM MODULE PLACED END-TO-END	3.00	11.90 1X & 13.90 1X	13.00



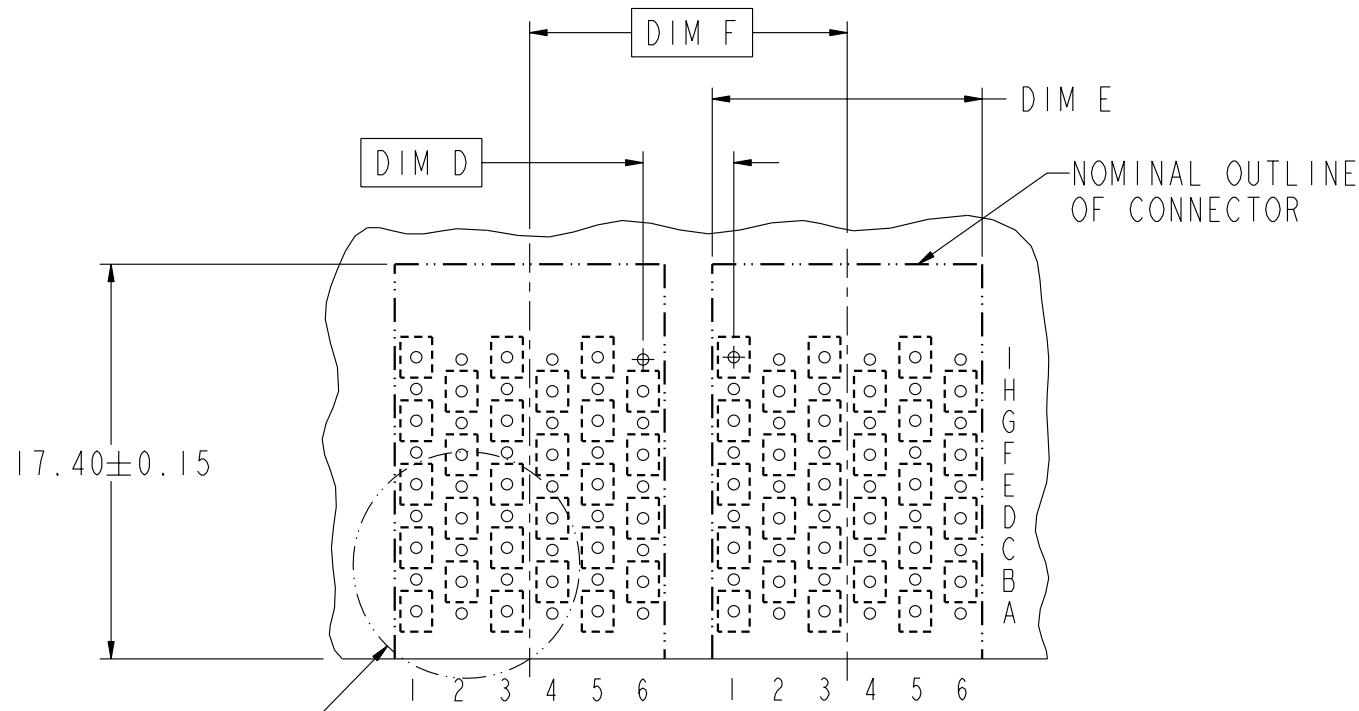
RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

	title	AirMax VS R/A HEADER ASSY		dwg no	10040862	Rev. D
		PRESS-FIT, 54 POS, 12MM				
	catalog no	-		CUSTOMER	sheet 2 of 5	



Copyright FCI.

DESCRIPTION	DIM D	DIM E	DIM F
2-12MM MODULES PLACED END-TO-END	2.00	11.90 2X	12.00
1-12MM MODULE & 1-14MM MODULE PLACED END-TO-END	3.00	11.90 1X & 13.90 1X	13.00



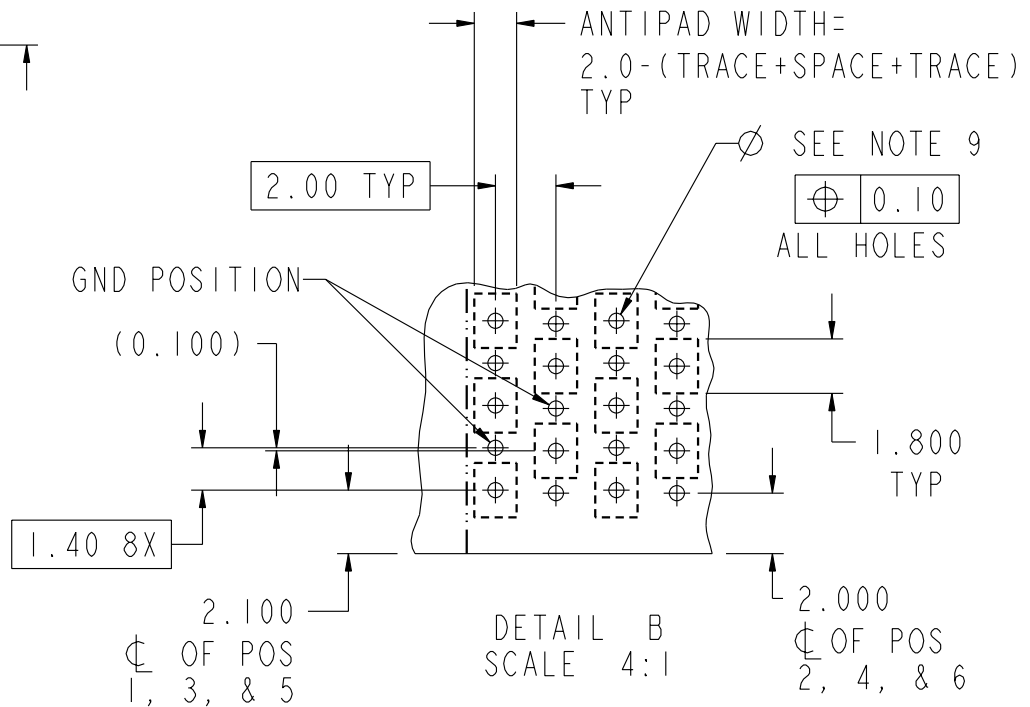
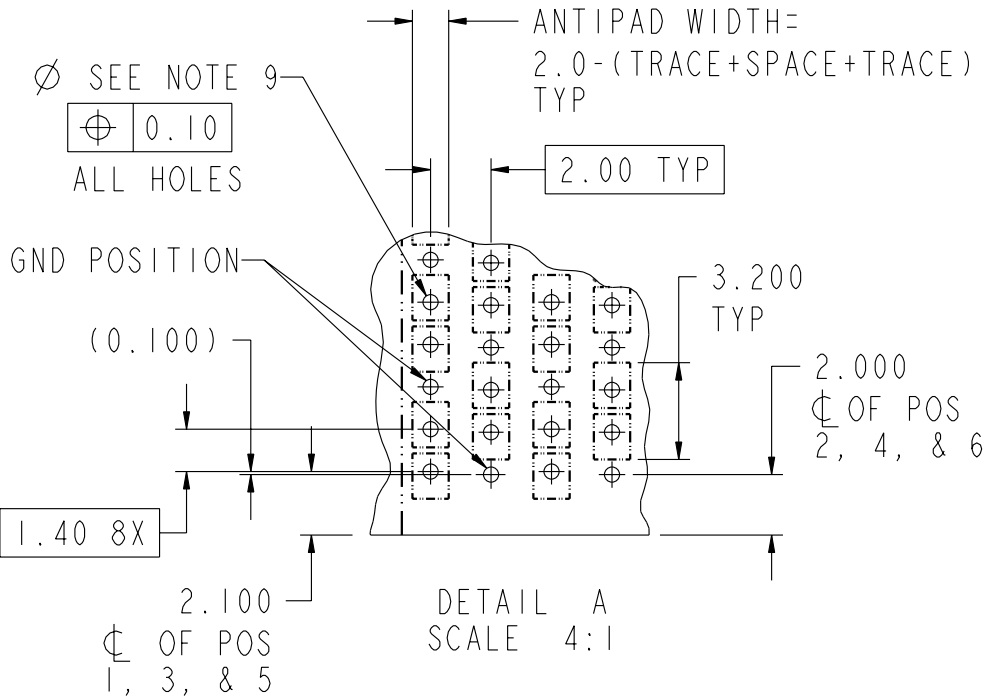
RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7



title	AirMax VS R/A HEADER ASSY PRESS-FIT, 54 POS, 12MM	dwg no	10040862	Rev.	D
catalog no	-	CUSTOMER	sheet 3 of 5		



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title AirMax VS R/A HEADER ASSY
PRESS-FIT, 54 POS, 12MM
catalog no -

dwg no 10040862
CUSTOMER

Rev.
D

sheet 4 of 5

A

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10040862-101	TIN/LEAD ALLOY OVER NICKEL	NO
10040862-101LF	TIN OVER NICKEL (LEAD FREE)	
10040862-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10040862-111LF	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

PRESS-FIT TAILS: SEE TABLE

3. PRODUCT SPECIFICATION: GS-12-239

4. APPLICATION SPECIFICATION: GS-20-035

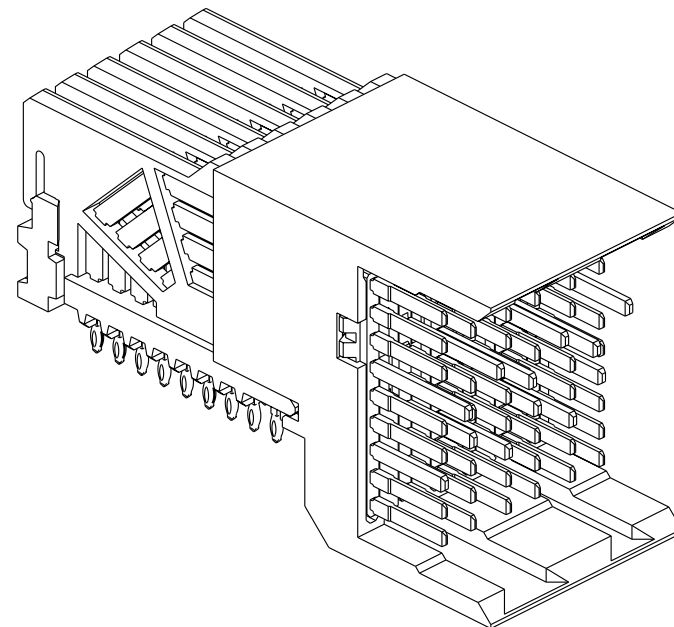
5. PRODUCT MARKING, (PART NUMBER & LOT CODE), ON THIS SURFACE

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
AND 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.

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D

	title		AirMax VS R/A HEADER ASSY		dwg no	10040862		Rev	D
			PRESS-FIT, 54 POS, 12MM						
	catalog no		-		CUSTOMER		sheet 5 of 5		

Mouser Electronics

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