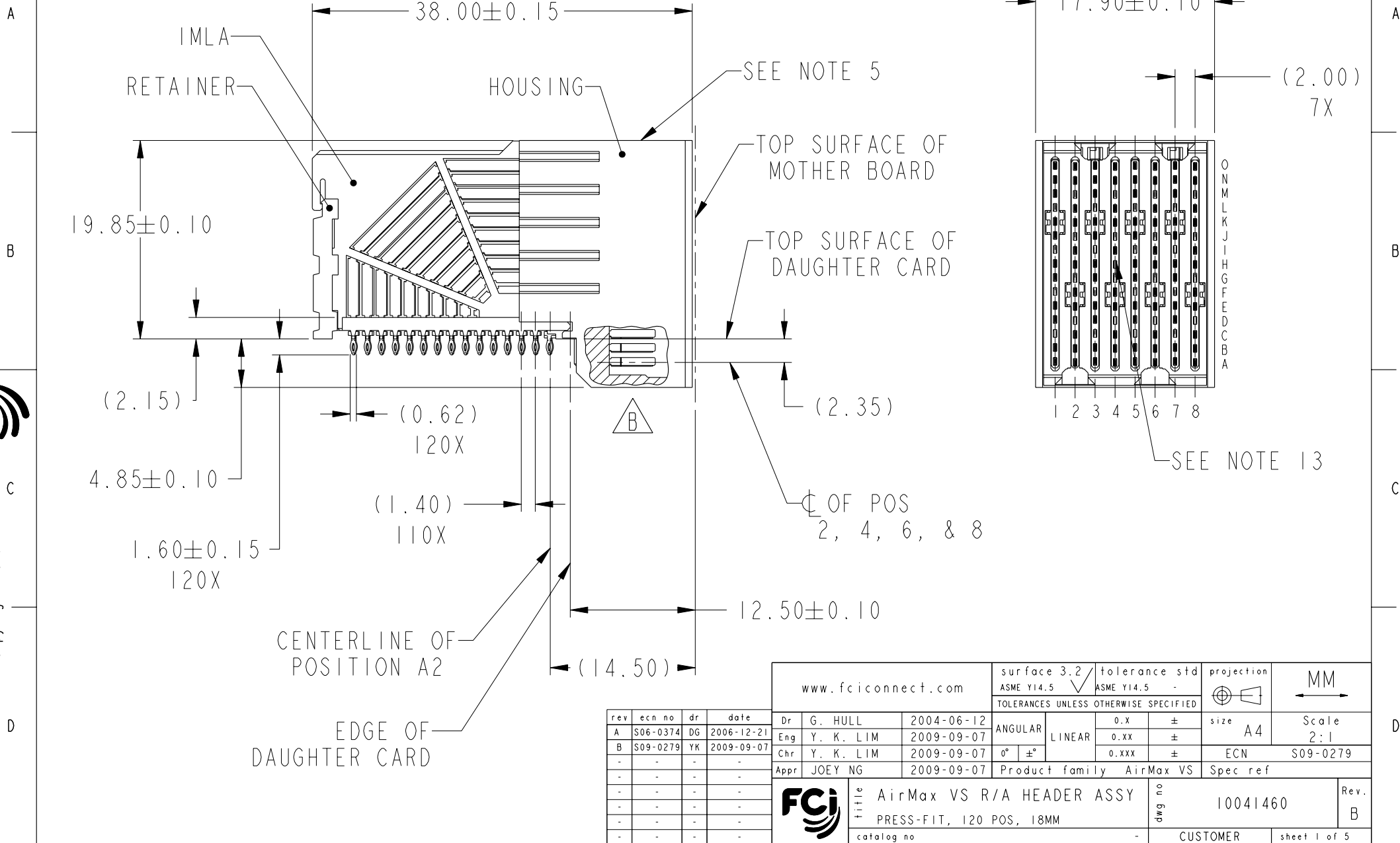




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PRODUCT NUMBER
SEE TABLE, SHEET 5



rev	ecn no	dr	date
A	S06-0374	DG	2006-12-21
B	S09-0279	YK	2009-09-07
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

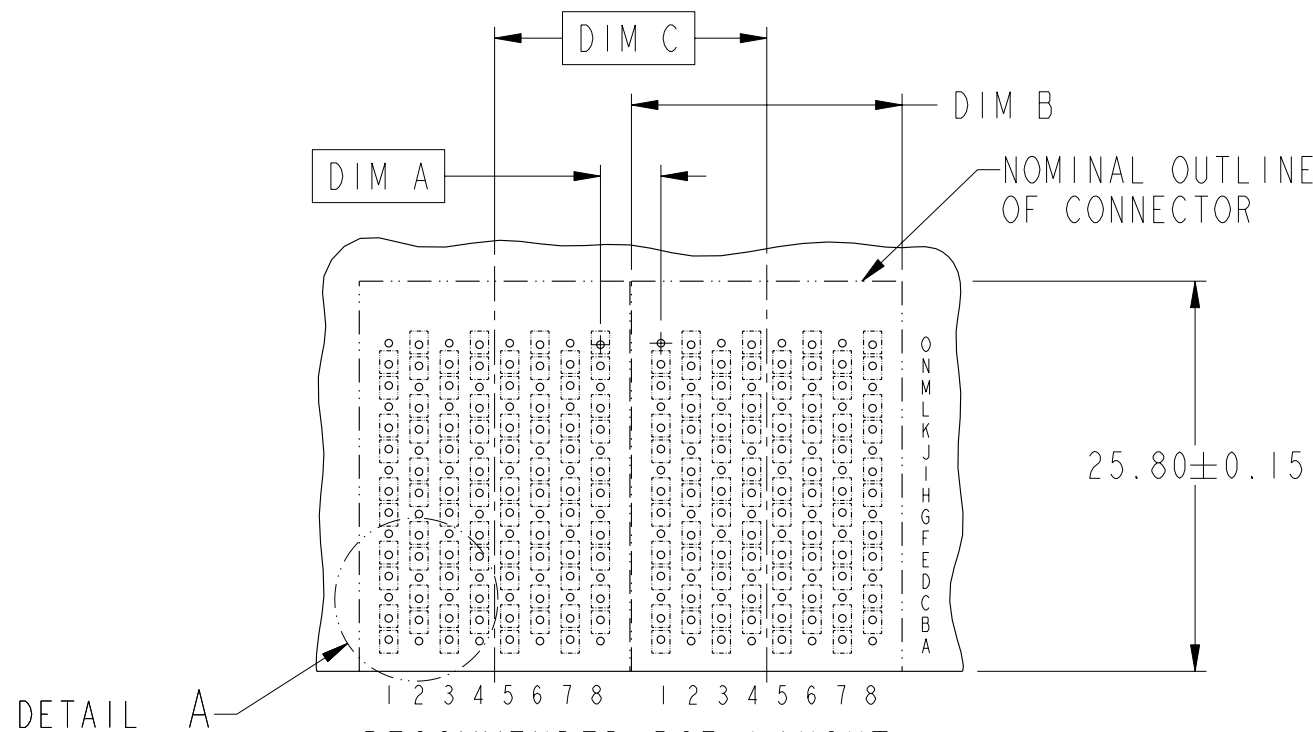
www.fciconnect.com			surface 3.2 ASME Y14.5	tolerance std ASME Y14.5	projection MM	Scale 2:1	
			ANGULAR	LINEAR	size A4	ECN S09-0279	
			0°	±°	0.X	±	
					0.XX	±	
					0.XXX	±	
			Product family AirMax VS			Spec ref	
			title AirMax VS R/A HEADER ASSY PRESS-FIT, 120 POS, 18MM			dwg no 10041460	
			catalog no			Rev. B	
			CUSTOMER			sheet 1 of 5	

REV F - 2006-04-17



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DESCRIPTION	DIM A	DIM B	DIM C
2-18MM MODULES PLACED END-TO-END	4.00	17.90 2X	18.00
1-16MM MODULE & 1-18MM MODULE PLACED END-TO-END	3.00	15.90 1X & 17.90 1X	17.00



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

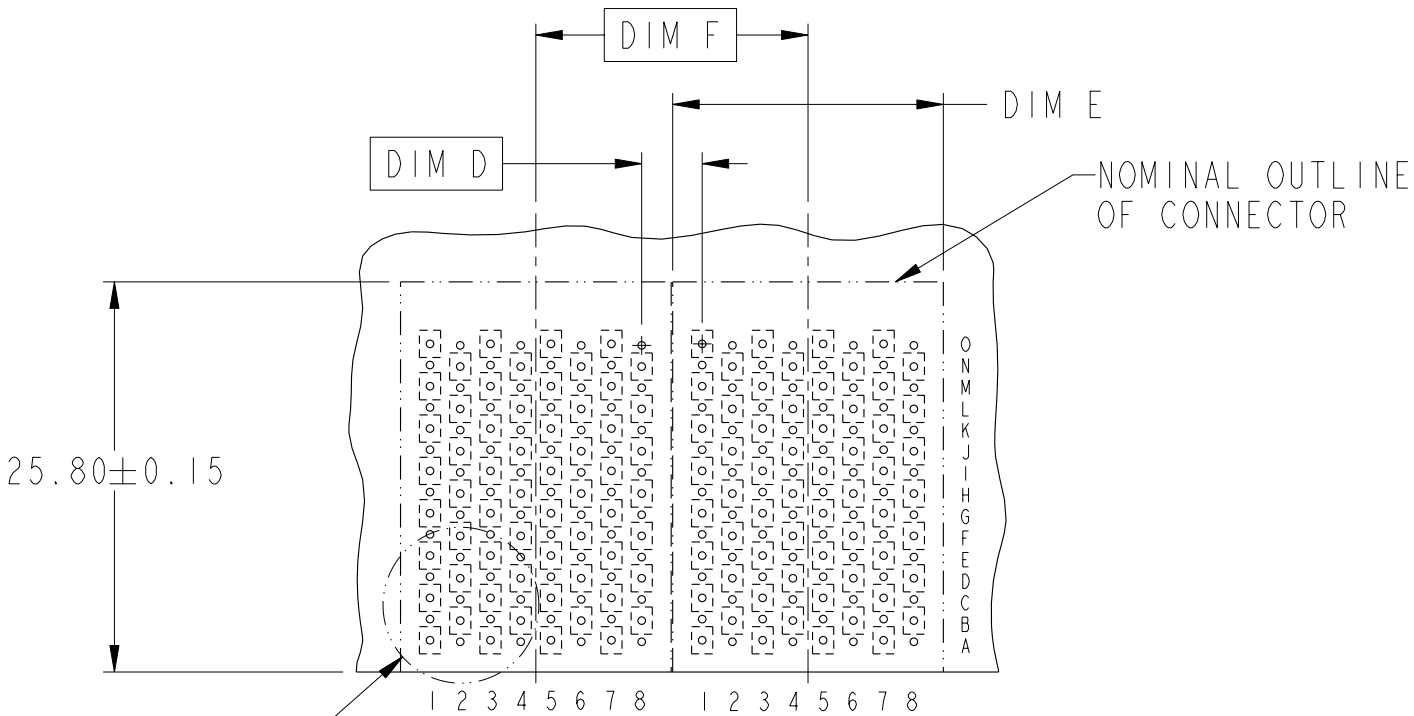
	title	AirMax VS R/A HEADER ASSY		dwg no	10041460	Rev.	B
		PRESS-FIT, 120 POS, 18MM					
	catalog no	-		CUSTOMER	sheet 2 of 5		

REV F - 2006-04-17



Copyright FCI.

DESCRIPTION	DIM D	DIM E	DIM F
2-18MM MODULES PLACED END-TO-END	4.00	17.90 2X	18.00
1-16MM MODULE & 1-18MM MODULE PLACED END-TO-END	3.00	15.90 1X & 17.90 1X	17.00



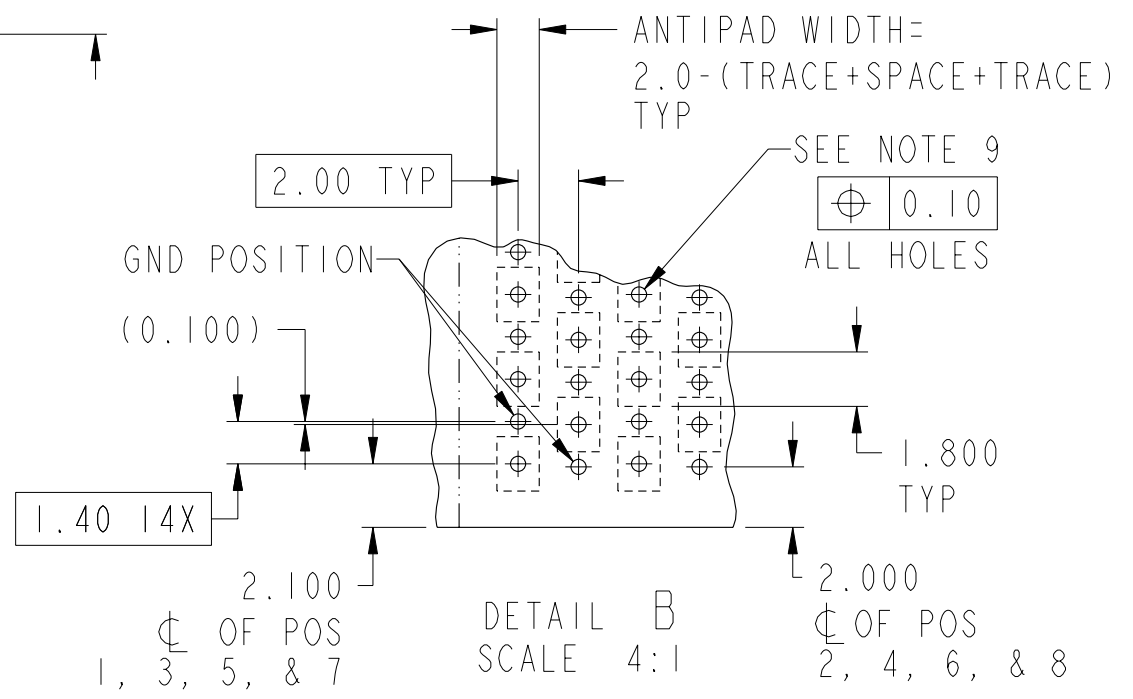
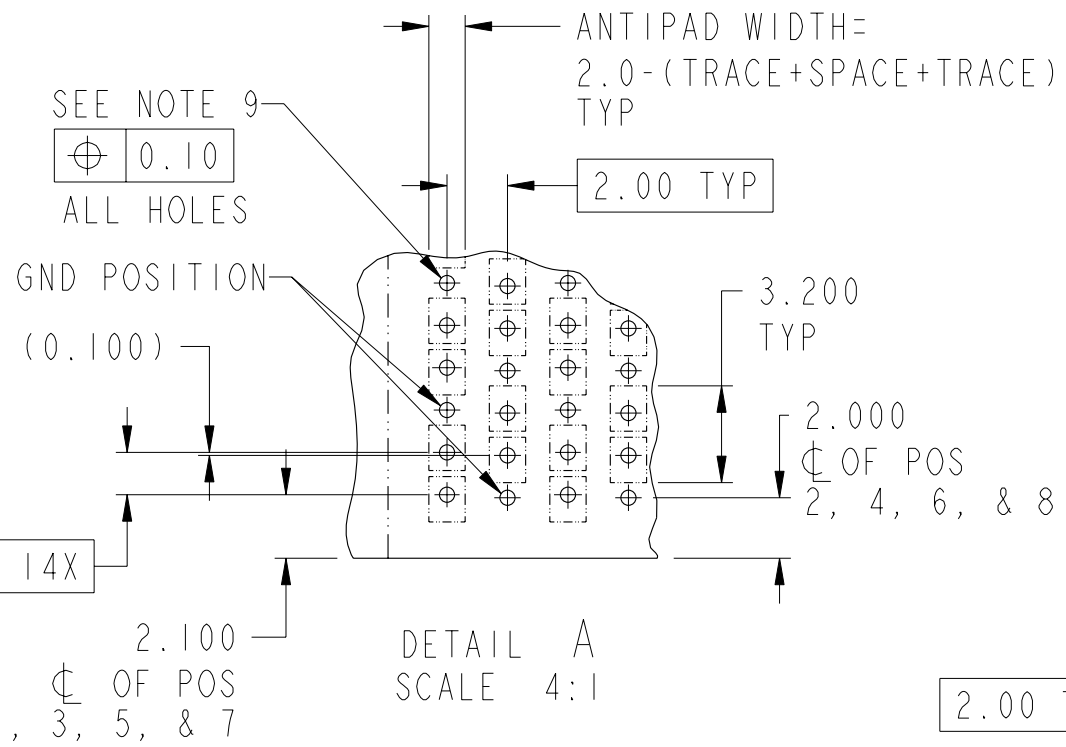
RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7



title	AirMax VS R/A HEADER ASSY PRESS-FIT, 120 POS, 18MM	dwg no	10041460	Rev.	B
catalog no	-	CUSTOMER	sheet 3 of 5		



Copyright FCI.



	title		dwg no		Rev.
	AirMax VS R/A HEADER ASSY		10041460		B
	PRESS-FIT, 120 POS, 18MM				
catalog no		-	CUSTOMER	sheet 4 of 5	

REV F - 2006-04-17

PDM: Rev:B

STATUS:Released

4Printed: Dec 01, 2010



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A

B

C

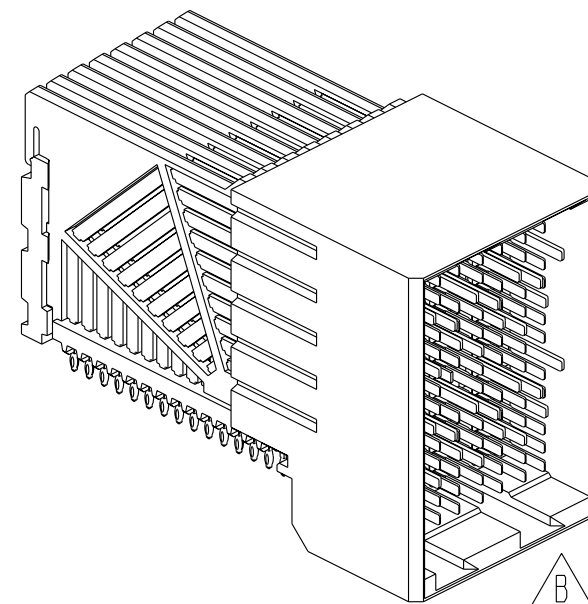
D

PART NUMBER	PRESS-FIT TAIL PLATING TYPE	SHORT DETECT CONTACT
10041460-101	TIN/LEAD ALLOY OVER NICKEL	NO
10041460-101LF	TIN OVER NICKEL (LEAD FREE)	
10041460-111	TIN/LEAD ALLOY OVER NICKEL	YES (SEE NOTE 13)
10041460-111LF	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 AND L OF ODD NUMBERED COLUMNS AND POSITIONS G AND M
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 H4 HAS 0.5mm LESS WIPE THAN THE
SHORTEST SIGNAL PIN.
14. A  SYMBOL WILL BE NEXT TO ANY DIMENSION,
VIEW, OR NOTE WHICH HAS BEEN MODIFIED
WITH THE CURRENT DRAWING REVISION.



A

B

C

D



title	AirMax VS R/A HEADER ASSY PRESS-FIT, 120 POS, 18MM	dwg no	10041460	Rev.	B
catalog no	-	CUSTOMER	sheet 5 of 5		