

PRODUCT NUMBER  
SEE TABLE, SHEET 3

RETAINER

25.9±0.15

SEE NOTE 5

19.9±0.1

(2)  
5x

IMLA

HOUSING

(1)

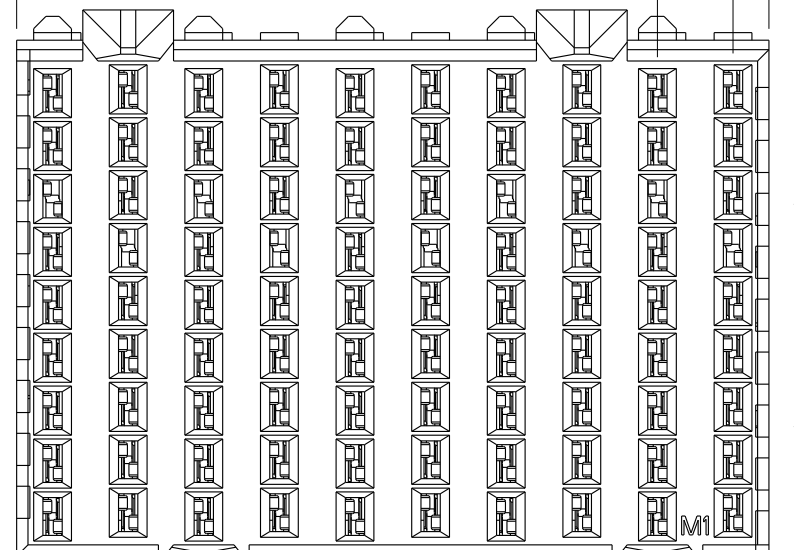
11.05±0.1

1.6±0.1  
90°

(1.4) (80x)

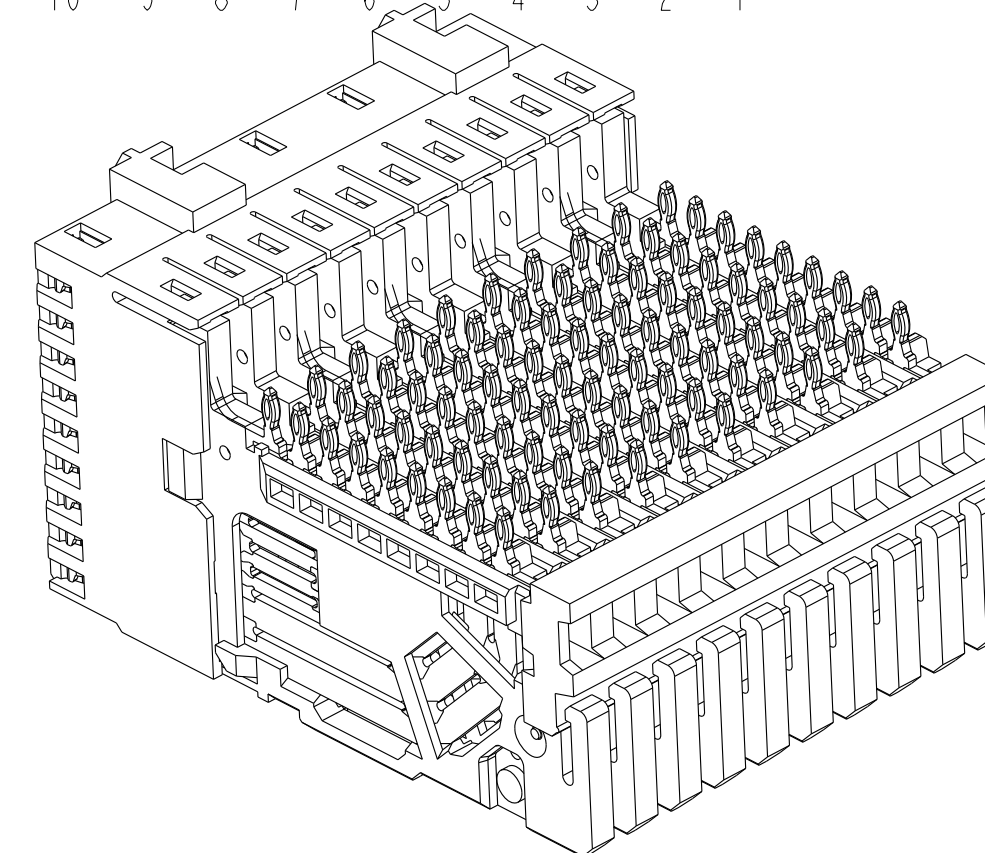
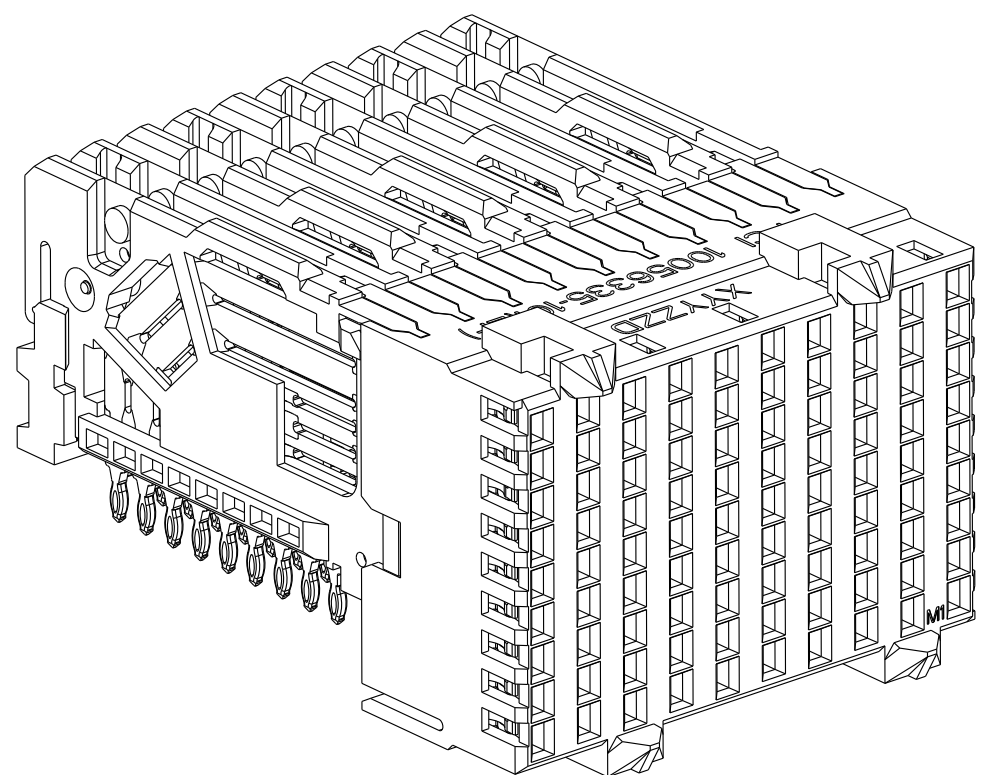
(2.35)

⌀ OF IMLA'S  
2, 4, 6 AND 8



10 9 8 7 6 5 4 3 2 1

H  
G  
F  
E  
D  
C  
B  
A



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rev	ecn no	dr	date
A	H06-0054	VWO	2006-04-07
B	S08-0036	LS	2008-02-11
C	S08-0248	LS	2008-07-29
D	S09-0324	KHL	2009-10-20
E	S09-0404	KHL	2009-12-10
-	-	-	-
-	-	-	-

www.fciconnect.com		surface - ✓	tolerance std	projection	mm
		TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	H V WOENSEL	2005-06-21	ANGULAR	0.X	±0.3
Eng	L S NGWE	2008-07-29	LINEAR	0.XX	±0.10
Chr	KH LEE	2009-12-10	0° ±°	0.XXX	±0.050
Appr	JOEY NG	2009-12-10	Product family	-	Spec ref
		Title		Rev.	
		AirMax VS (tm) R.A Recpt		10056335	
		Ass'y, 3pair, 90pos, 10 IMLA, 2 mm		E	
		catalog no		CUSTOMER sheet 1 of 3	

1

2

3

4

A

B

C

D

A

B

C

D

DIM B

DIM A

(19.9)

NOMINAL OUTLINE OF CONNECTOR

10 9 8 7 6 5 4 3 2 1 10 9 8 7 6 5 4 3 2 1

I  
H  
G  
F  
E  
D  
C  
B  
A

(17.4)

ANTIPAD WIDTH=  
2.0 - (TRACE+SPACE+TRACE)  
TYP

2

SEE DETAIL A

GND POSITION

RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)



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2.000 C OF POS

2, 4 AND 6

1.4

(0.1)

(3.2)  
TYP

SEE NOTE 7

DETAIL A  
SCALE 10:1

0.1  
ALL HOLES

ADJACENT HEADER WIDTH	DIM A	DIM B
20MM/20MM	2MM	20MM
20MM/22MM	3MM	21MM
22MM/22MM	4MM	22MM

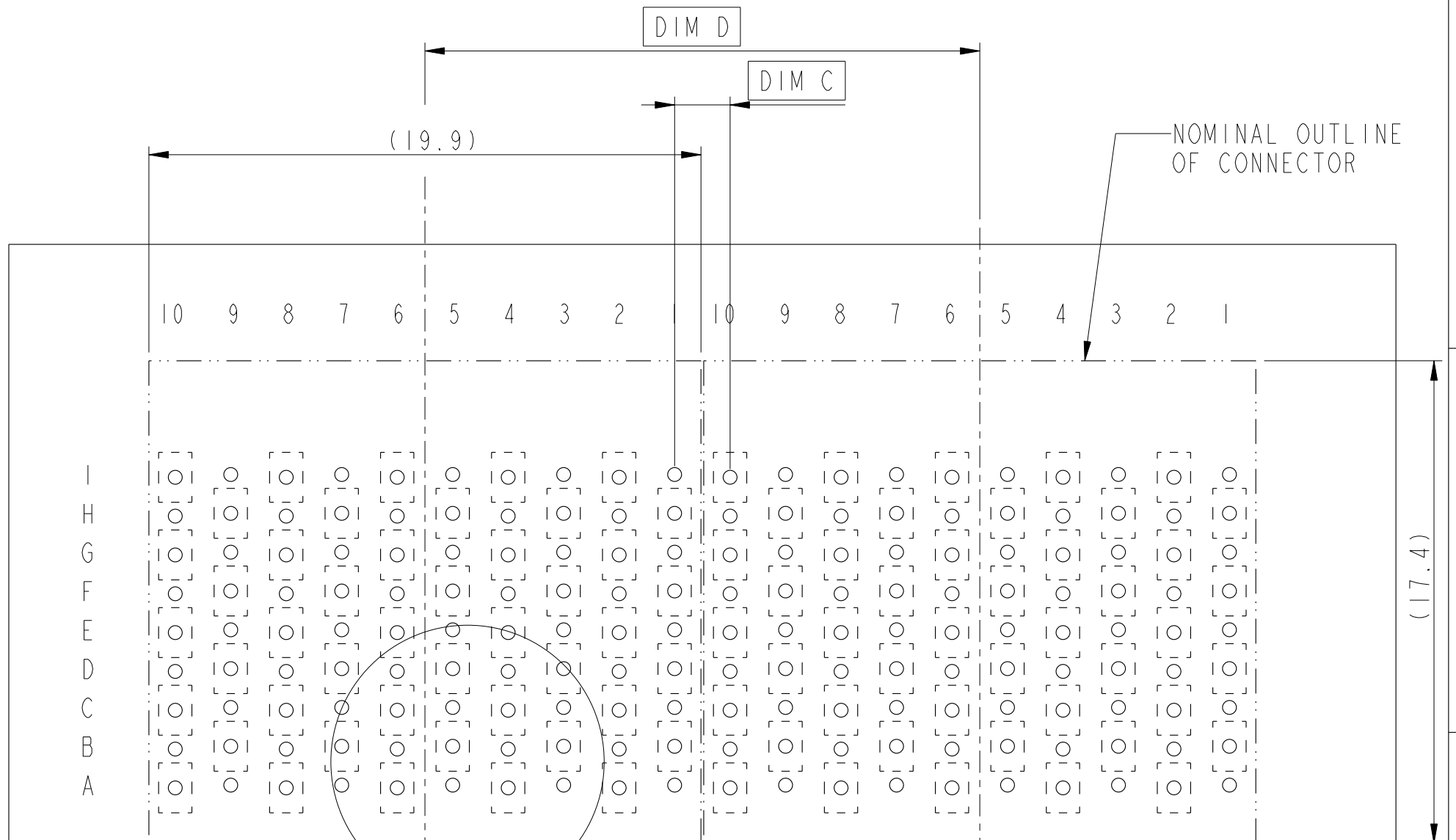
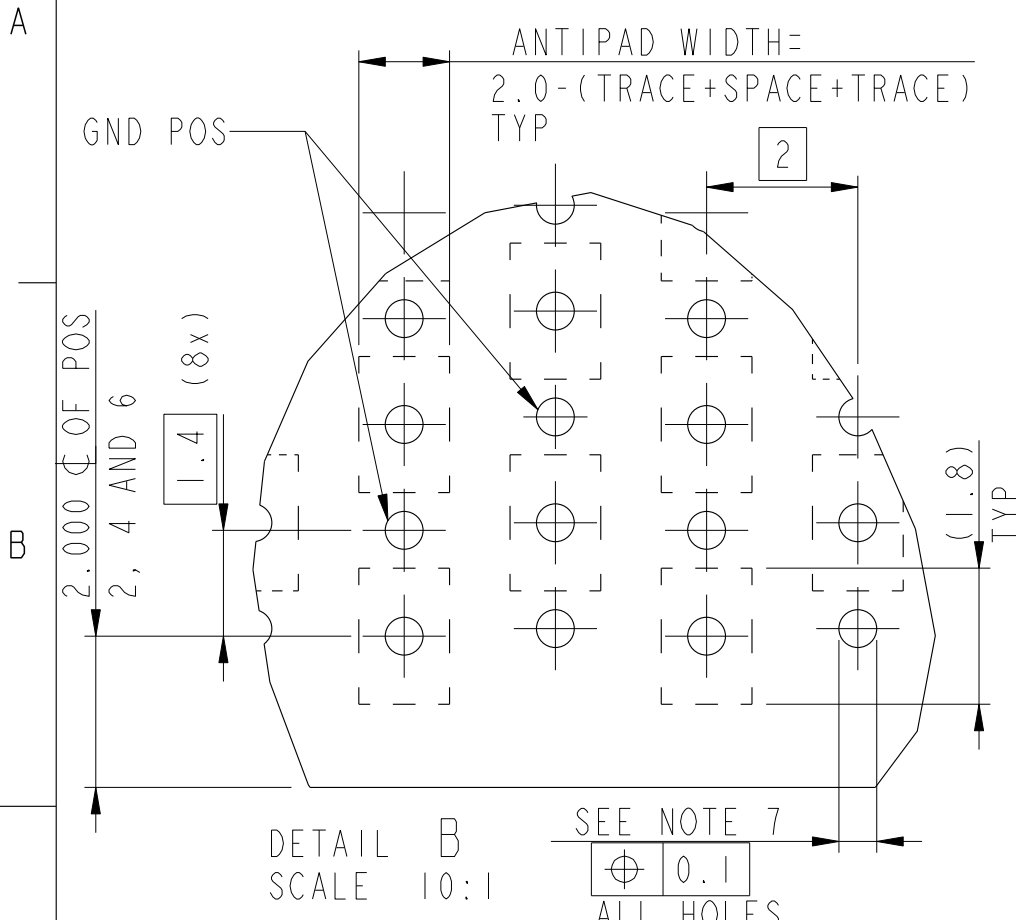
	Title	AirMax VS (tm) R.A Recpt	dwg no	10056335	Rev.	E
		Ass'y, 3pair, 90pos, 10 IMLA, 2 mm				
	catalog no	-	CUSTOMER	sheet 2 of 3		

REV F - 2006-04-17

2

3

PART NUMBER	PRESS FIT TAIL PLATING TYPE
10056335-101	TIN/LEAD ALLOY OVER NICKEL
10056335-101LF	LEAD FREE



NOTES:

1. CONNECTOR MATERIALS:  
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0  
IMLA PLASTIC: HIGH TEMP PLASTIC, 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 (NOV 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, (PARTNUMBER & LOT CODE), ON THIS SURFACE
6. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM.
7. SEE CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETER AND PLATING OPTIONS
8. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
9. THE HOUSING WILL WITHSTAND EXPOSURE TO 260 °C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

RECOMMENDED PCB LAYOUT FOR SINGLE ENDED APPLICATIONS COMPONENT SIDE (TWO ADJACENT FOOTPRINTS SHOWN)

ADJACENT HEADER WIDTH	DIM C	DIM D
20MM/20MM	2MM	20MM
20MM/22MM	3MM	21MM
22MM/22MM	4MM	22MM

10. PACKAGING MEETS GS-14-920 LEAD FREE LABELLING SPECIFICATION.
11. A  $\triangle E$  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

	title AirMax VS (tm) R.A Recpt Ass'y, 3pair, 90pos, 10 IMLA, 2 mm	dwg no 10056335	Rev. E
	catalog no -	CUSTOMER	sheet 3 of 3

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