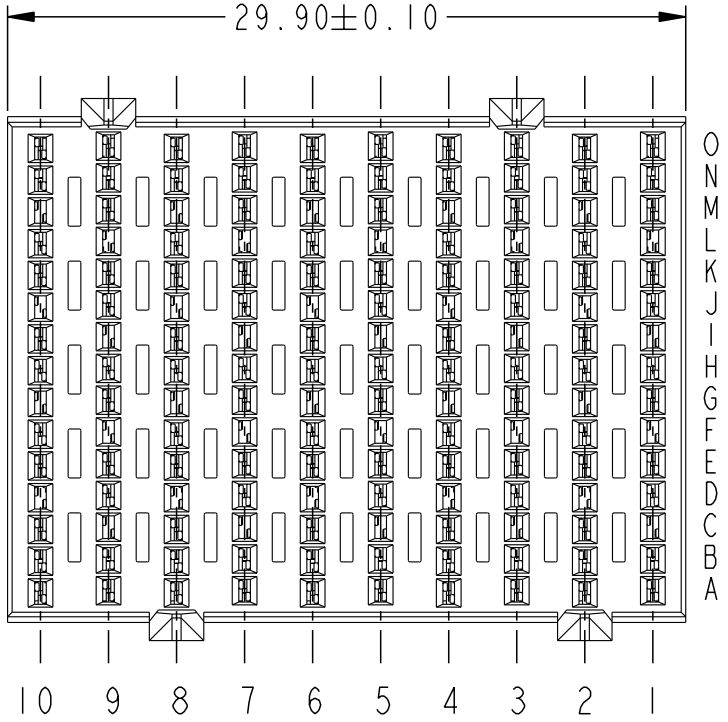
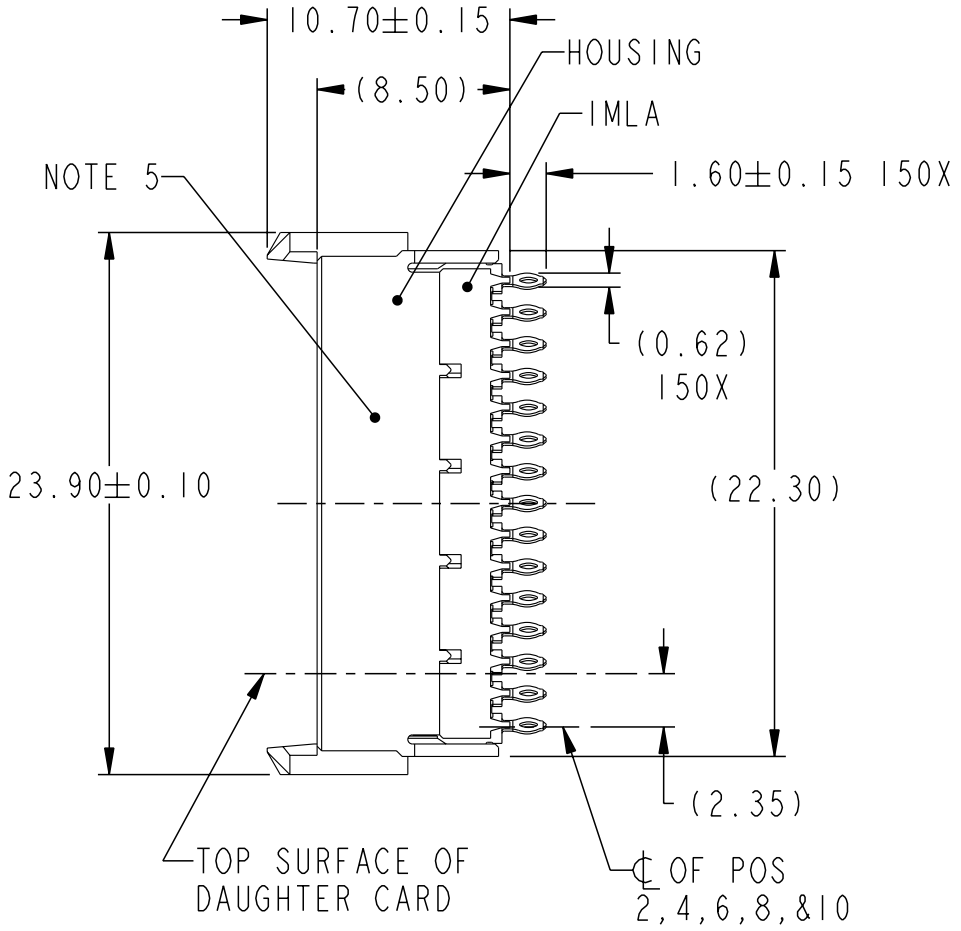
Product number
SEE TABLE, SHEET 4





rev	ecn no	dr	date
A	S06-0112	CH	03/31/06

FCI	www.fciconnect.com	surface - ASME Y14.5	tolerance ASME Y14.5 -	projection	MM
Dr	T. HOUTZ	10/8/03	Product family	AirMax VS	size A4 / Scale 3:1
Eng	S. MINICH	10/8/03	Spec ref		
Chr	C. H. TAN	03/31/06	Material	SEE NOTES	ECN ***
Appr	JOEY NG	03/31/06			
title	AirMax VS VERT RECPT ASSY PRESS-FIT, 150 POSITION, 30mm		dwg no	10035146	Rev. A
catalog no	-		CUSTOMER		sheet 1 of 4

PDM: Rev:A STATUS: Released Printed: Apr 07, 2006

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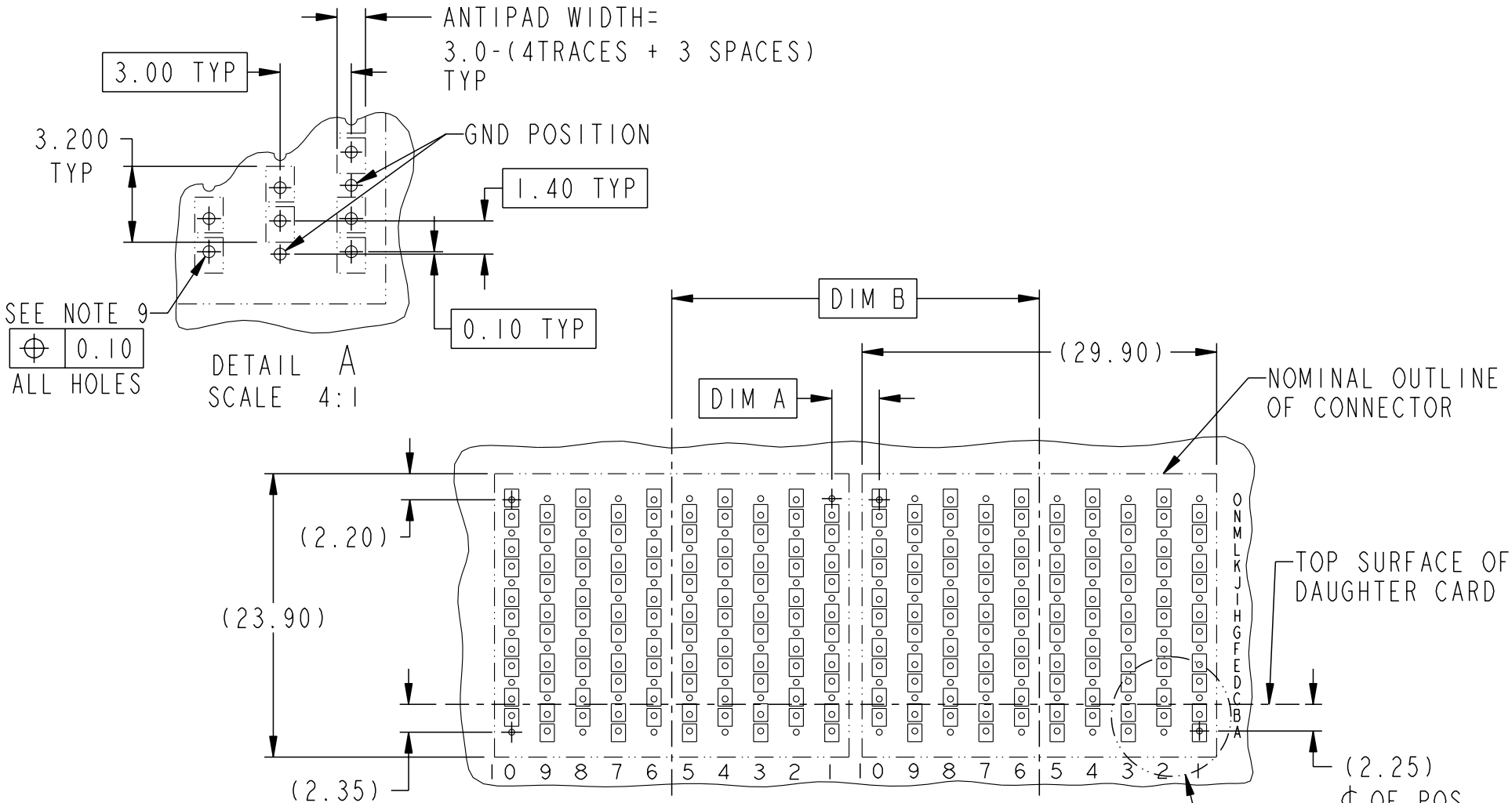

ADJACENT HEADER WIDTHS	DIM A	DIM B
30MM/30MM	3.00	30.00
32MM/32MM	5.00	32.00
30MM/32MM	4.00	31.00

title	AirMax VS VERT RECPT ASSY PRESS-FIT, 150 POSITION, 30mm	dwg no 10035146	Rev. A
catalog no -		CUSTOMER	sheet 2 of 4

PDM: Rev:A STATUS: Released Printed: Apr 07, 2006

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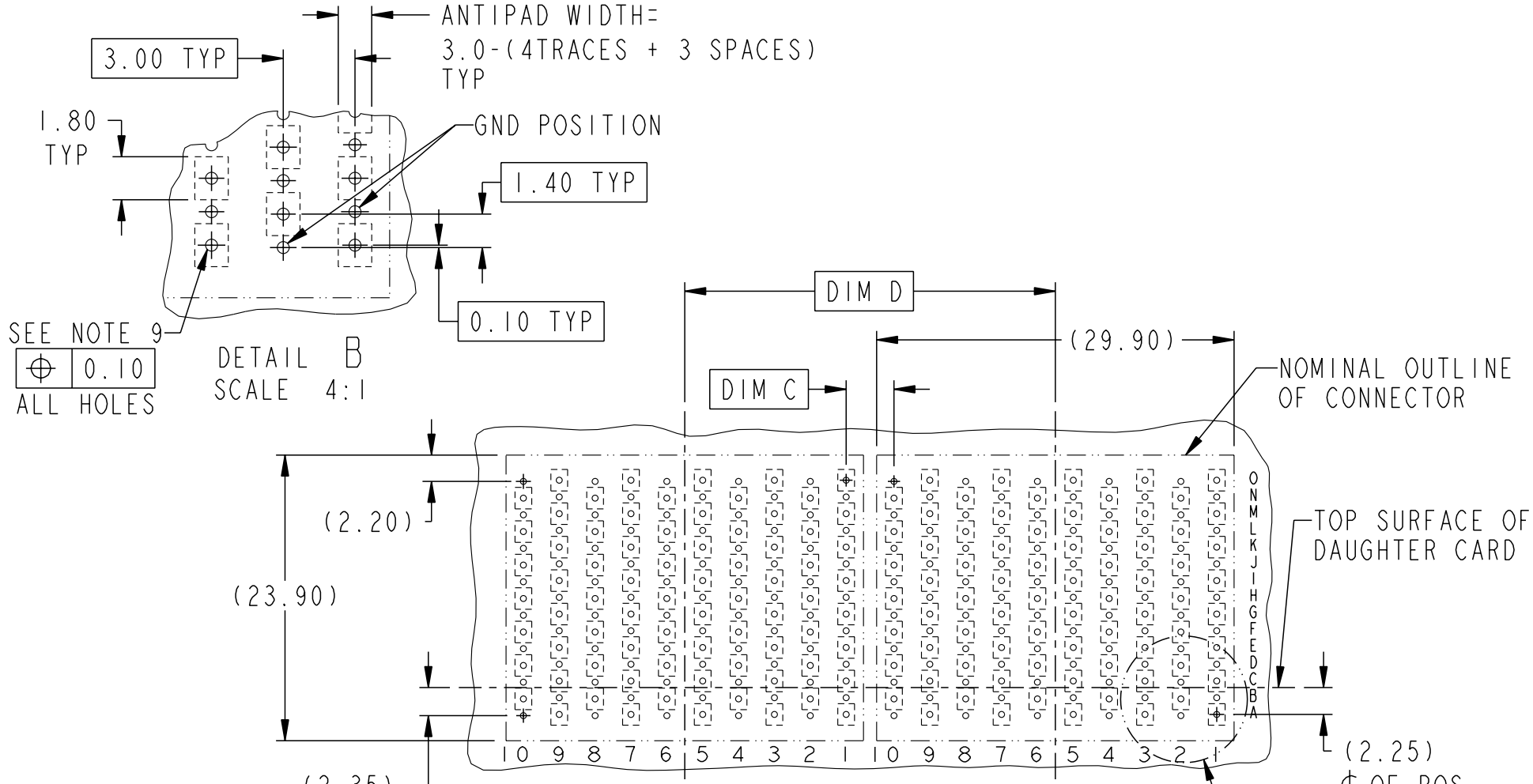


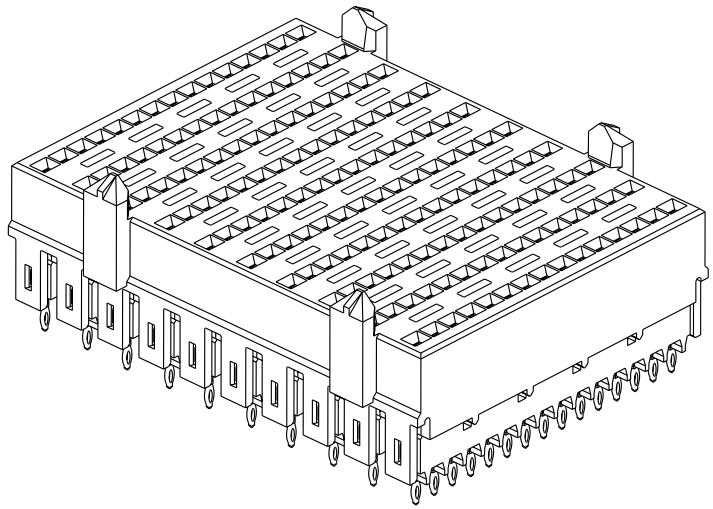
RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS,
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6 & 7

ADJACENT HEADER WIDTHS	DIM C	DIM D
30MM/30MM	3.00	30.00
32MM/32MM	5.00	32.00
30MM/32MM	4.00	31.00

title	AirMax VS VERT RECPT ASSY PRESS-FIT, 150 POSITION, 30mm	dwg no 10035146	Rev. A
catalog no -		CUSTOMER	sheet 3 of 4

PDM: Rev:A STATUS: Released Printed: Apr 07, 2006

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10035146-101	TIN/LEAD OVER NICKEL
10035146-101LF	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: GOLD OVER NICKEL
   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 & L OF ODD NUMBERED COLUMNS AND POSITIONS G & 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. THIS 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.

title: AirMax VS VERT RECPT ASSY PRESS-FIT, 150 POSITION, 30mm		dwg no: 10035146	Rev. A
catalog no: -		CUSTOMER	sheet 4 of 4

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