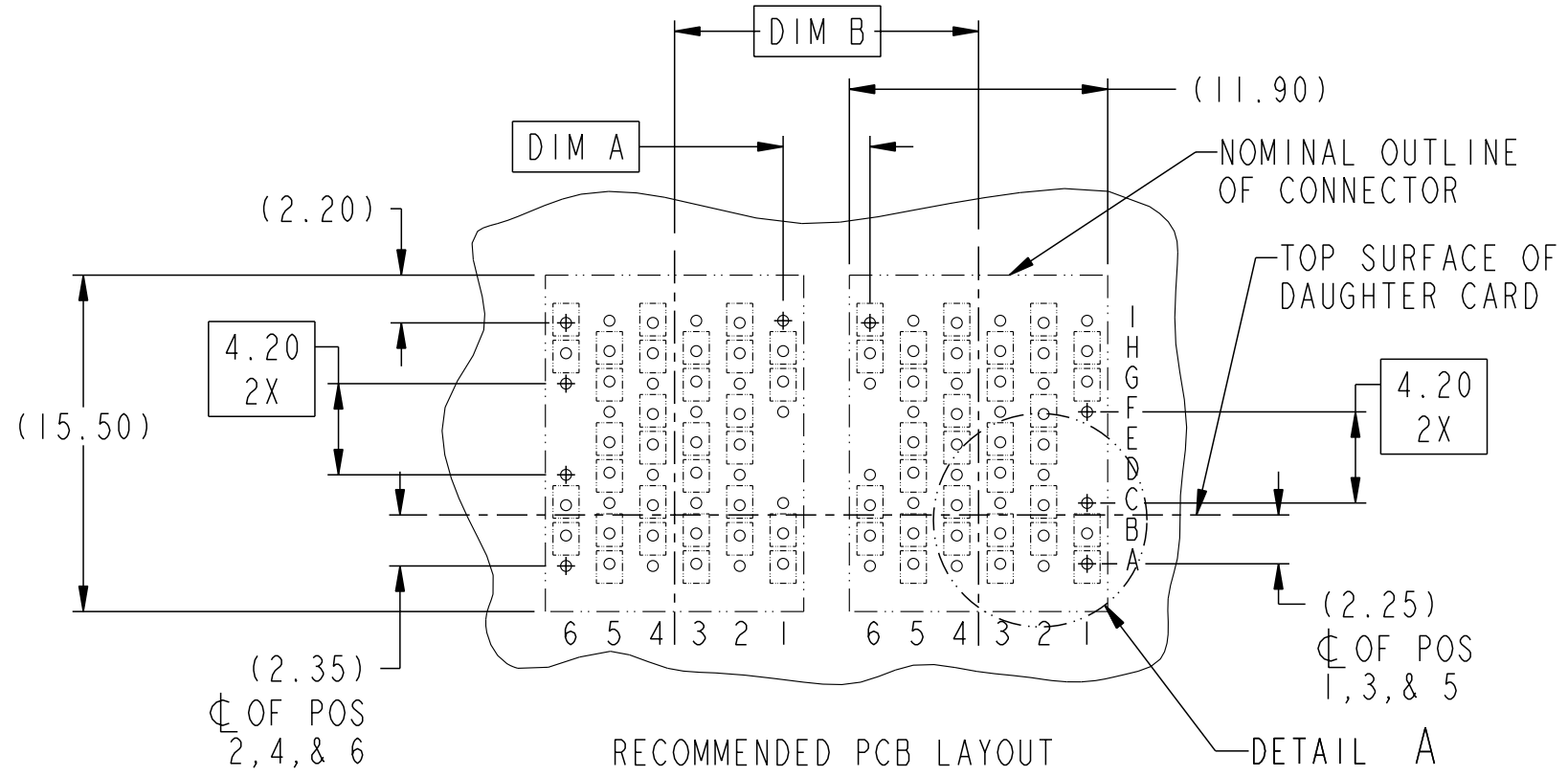


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ADJACENT HEADER WIDTHS	DIM A	DIM B
12MM/12MM	2.00	12.00
12MM/14MM	3.00	13.00
14MM/14MM	4.00	14.00



RECOMMENDED PCB LAYOUT
FOR DIFFERENTIAL APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 7, & 9

PRELIMINARY

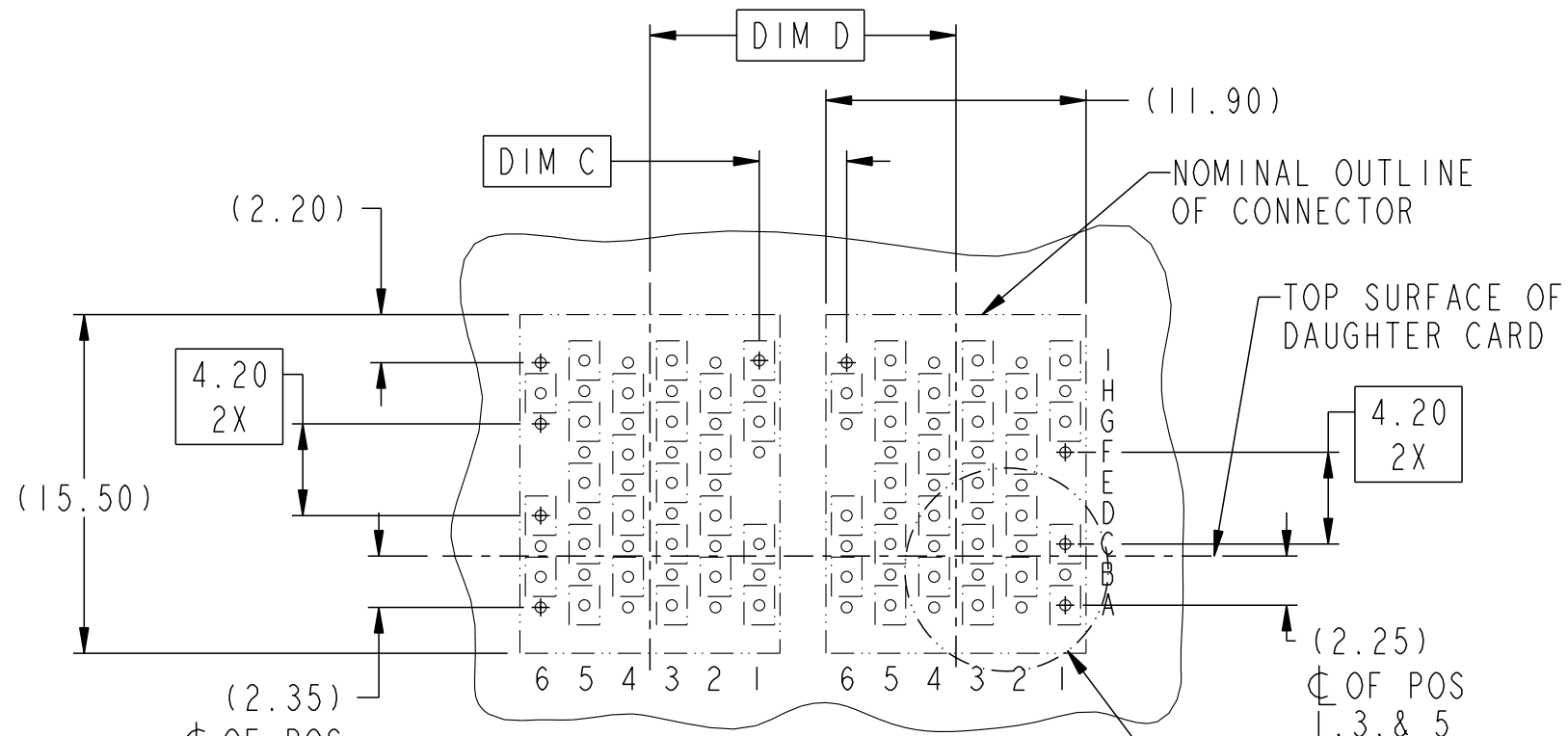
title	AirMax VS VERT RECPT ASSY PRESS-FIT, 50 POS, 12MM	dwg no	10039850	Rev.	A
catalog no	-	CUSTOMER	sheet 2 of 5		

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ADJACENT HEADER WIDTHS	DIM C	DIM D
12MM / 12MM	2.00	12.00
12MM / 14MM	3.00	13.00
14MM / 14MM	4.00	14.00



RECOMMENDED PCB LAYOUT
FOR SINGLE ENDED APPLICATIONS
COMPONENT SIDE
(TWO ADJACENT FOOTPRINTS SHOWN)
NOTES 6, 7, & 9

DETAIL B

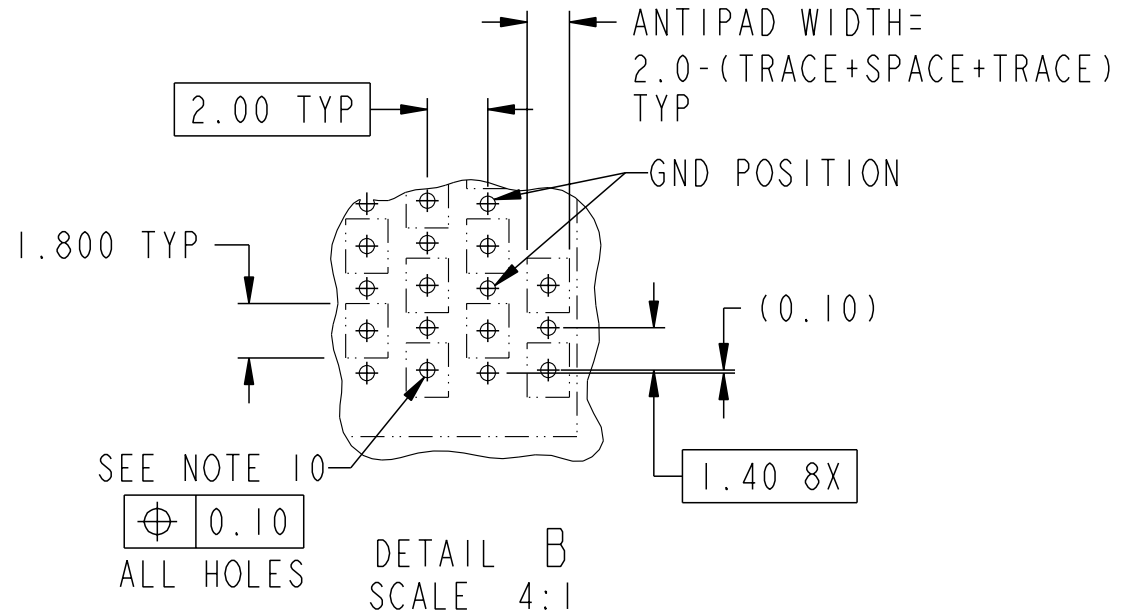
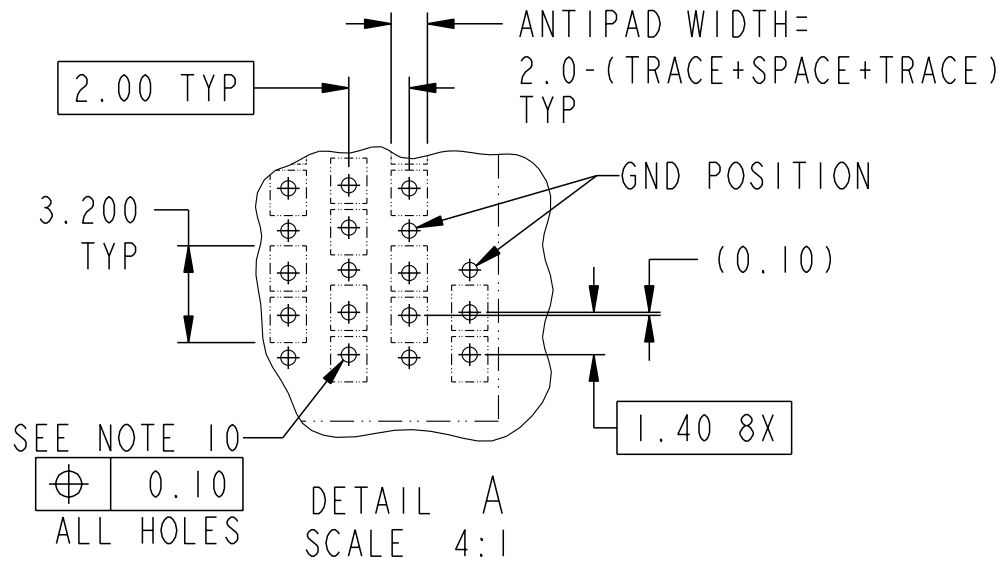
PRELIMINARY

title	AirMax VS VERT RECPT ASSY PRESS-FIT, 50 POS, 12MM	dwg no	10039850	Rev.	A
catalog no	-	CUSTOMER	sheet 3 of 5		

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PRELIMINARY

title	AirMax VS VERT RECPT ASSY PRESS-FIT, 50 POS, 12MM	dwg no	10039850	Rev. A
catalog no	-	CUSTOMER	sheet 4 of 5	

PDM: Rev:A

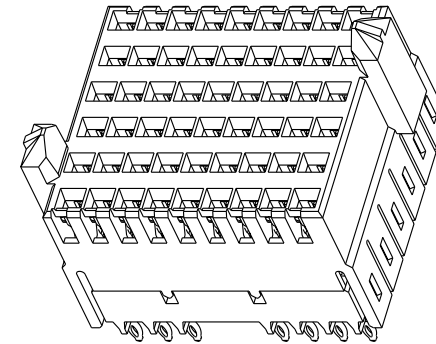
STATUS: Released

4 Printed: Dec 01, 2010

PART NUMBER	PRESS-FIT TAIL PLATING TYPE
10039850-101	TIN/LEAD ALLOY OVER NICKEL
10039850-101LF	TIN OVER NICKEL (LEAD FREE)

NOTES:

1. CONNECTOR MATERIALS:
HOUSING: 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. POSITION F OF ODD NUMBERED COLUMNS AND POSITION G OF EVEN NUMBERED COLUMNS CORRESPOND TO EARLY MATE HEADER PINS.
8. THERE IS NO GROUND BUSSING WITHIN THE CONNECTOR SYSTEM.
9. PRESS-FIT TAILS ARE REMOVED ON POSITIONS DI, EI, E6, & F6
10. REFER TO CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE DIAMETER AND PLATING OPTIONS
11. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
12. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
13. PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION



PRELIMINARY

title	AirMax VS VERT RECPT ASSY PRESS-FIT, 50 POS, 12MM	dwg no	10039850	Rev.	A
catalog no	-	CUSTOMER	sheet 5 of 5		