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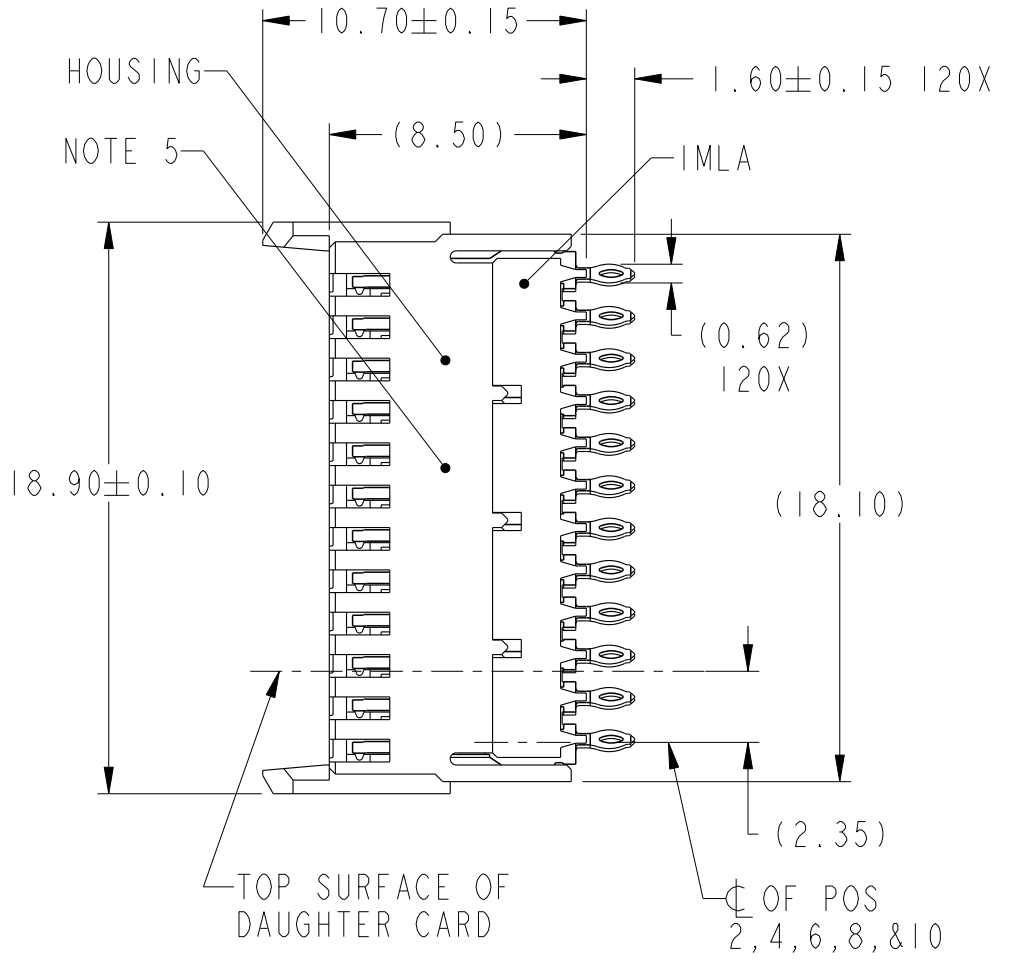
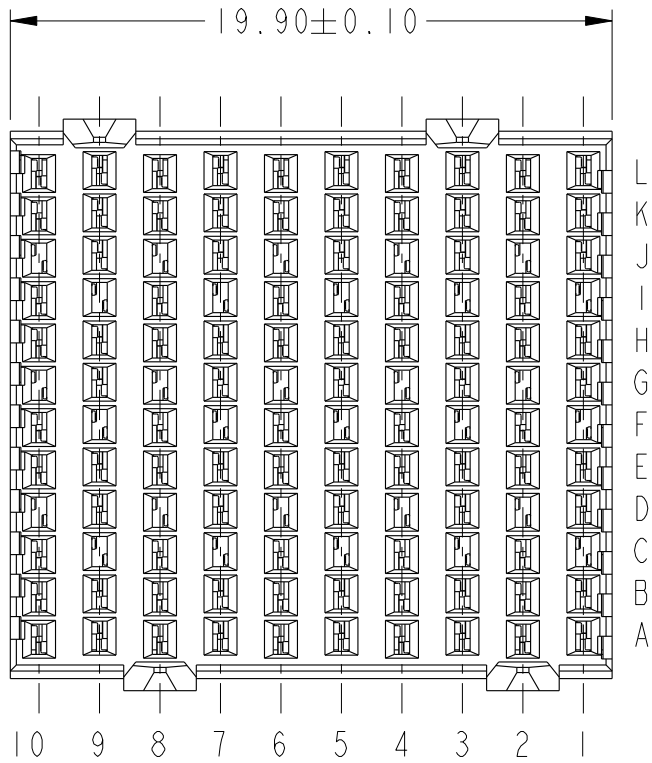
PRODUCT NUMBER  
SEE TABLE, SHEET 4

A

B

C

D



A

B

C

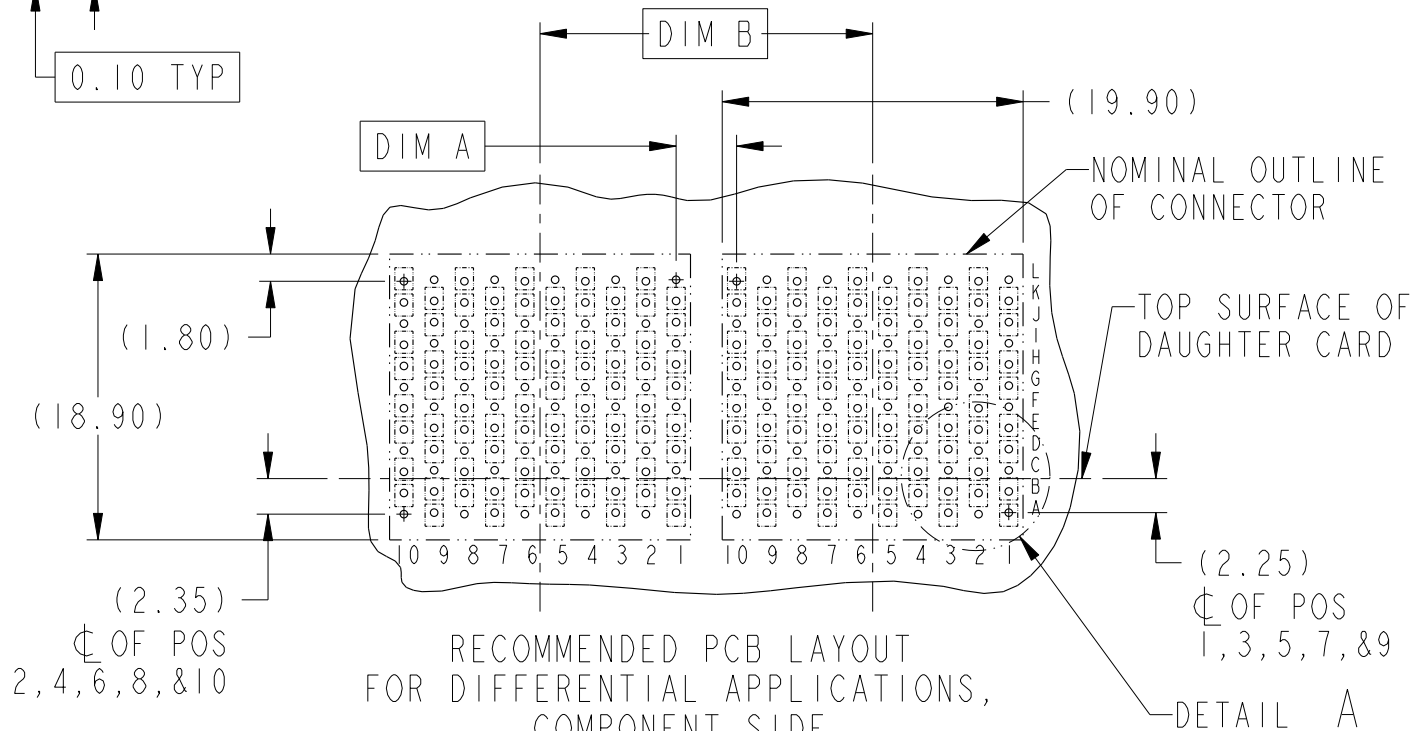
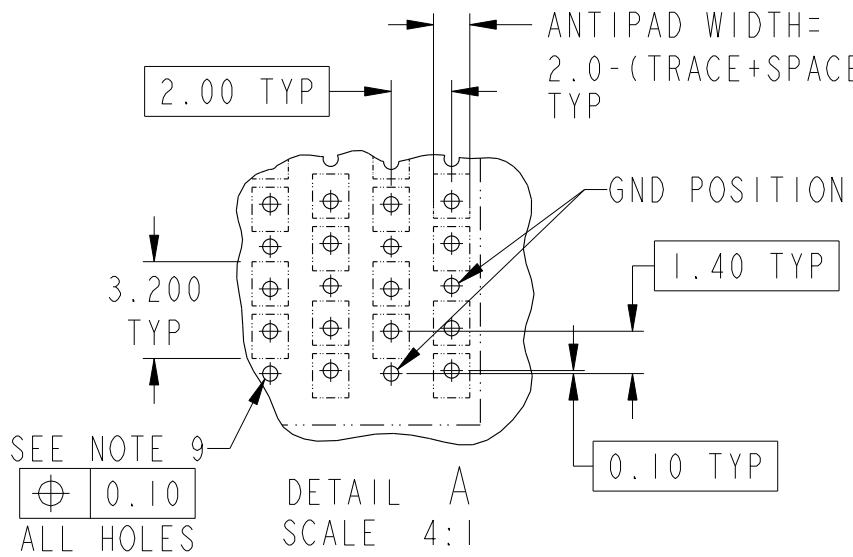
D

| rev | ecn no   | dr | date       |
|-----|----------|----|------------|
| A   | S08-0174 | LS | 2008-06-03 |
| B   | S08-0187 | LS | 2008-06-13 |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |

|                                                                                       |           |            |                                                                  |            |                               |      |                                                                                                     |          |                                                                                             |       |
|---------------------------------------------------------------------------------------|-----------|------------|------------------------------------------------------------------|------------|-------------------------------|------|-----------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------|-------|
| www.fciconnect.com                                                                    |           |            | surface - ✓<br>ASME Y14.5                                        |            | tolerance std<br>ASME Y14.5 - |      | projection<br> |          | MM<br> |       |
|                                                                                       |           |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                            |            |                               |      |                                                                                                     |          |                                                                                             |       |
| Dr                                                                                    | L.S. NGWE | 2008-06-03 | ANGULAR<br><br>LINEAR                                            | 0.X<br>±   |                               | size |                                                                                                     | A4       |                                                                                             | Scale |
| Eng                                                                                   | C.H. TAN  | 2008-06-13 |                                                                  | 0.XX<br>±  |                               |      |                                                                                                     |          |                                                                                             | 4:1   |
| Chr                                                                                   | C.H. TAN  | 2008-06-13 |                                                                  | 0.XXX<br>± |                               | ECN  |                                                                                                     |          |                                                                                             | ***   |
| Appr                                                                                  | JOEY NG   | 2008-06-13 | Product family AirMax VS                                         |            |                               |      |                                                                                                     | Spec ref |                                                                                             |       |
|  |           |            | title AirMax VS VERT RECPT ASSY<br>PRESS-FIT, 120 POSITION, 20mm |            |                               |      | dwg no<br>10084581                                                                                  |          | Rev.<br>B                                                                                   |       |
|                                                                                       |           |            | catalog no -                                                     |            |                               |      | CUSTOMER                                                                                            |          | sheet 1 of 4                                                                                |       |



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

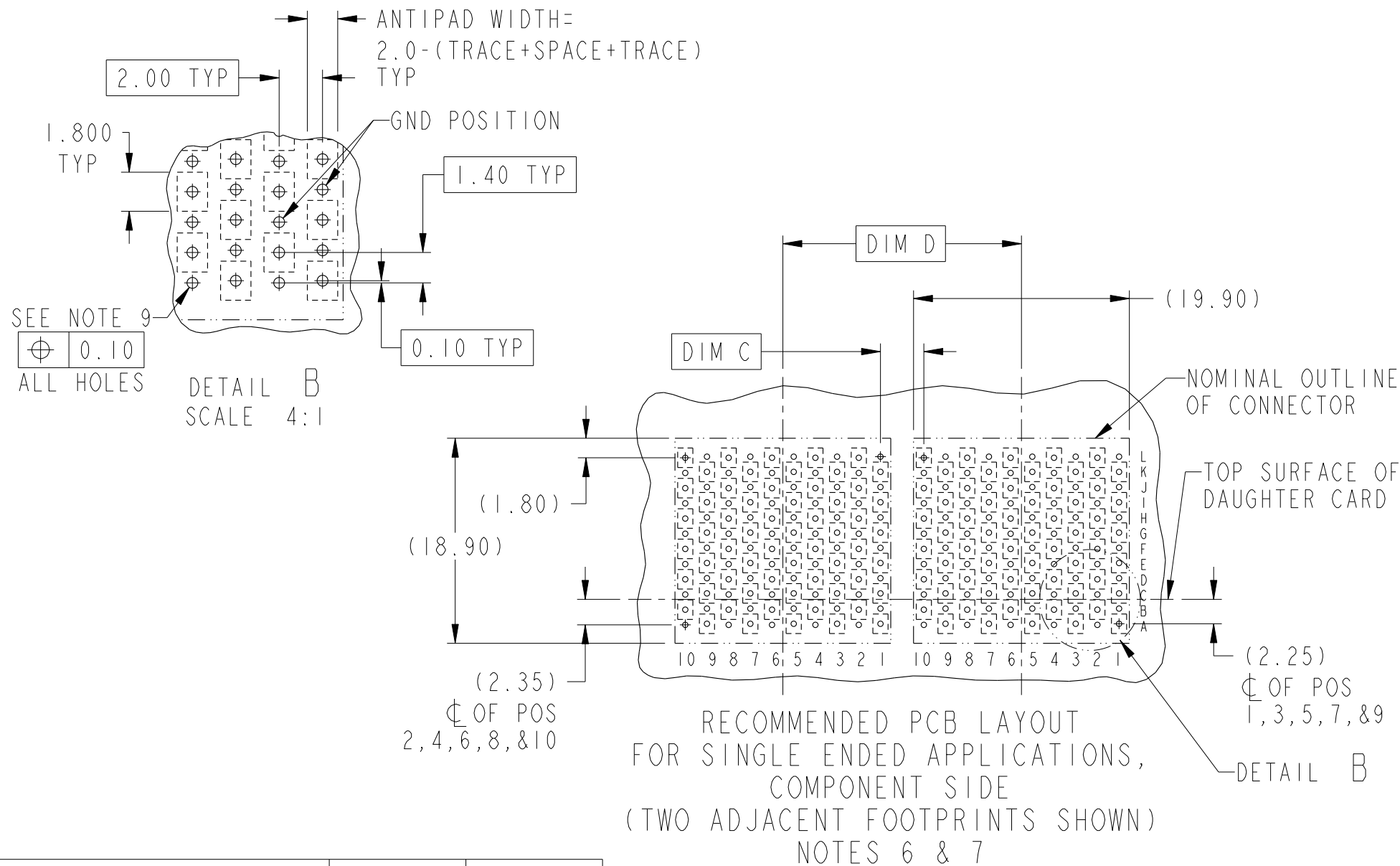
| ADJACENT HEADER WIDTHS | DIM A | DIM B |
|------------------------|-------|-------|
| 20MM/20MM              | 2.00  | 20.00 |
| 20MM/22MM              | 3.00  | 21.00 |
| 22MM/22MM              | 4.00  | 22.00 |

|                                                                                       |            |                               |  |        |          |              |           |
|---------------------------------------------------------------------------------------|------------|-------------------------------|--|--------|----------|--------------|-----------|
|  | title      | AirMax VS VERT RECPT ASSY     |  | dwg no | 10084581 |              | Rev.<br>B |
|                                                                                       |            | PRESS-FIT, 120 POSITION, 20mm |  |        |          |              |           |
|                                                                                       | catalog no |                               |  | -      | CUSTOMER | sheet 2 of 4 |           |

REV F - 2006-04-17



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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 |
|------------------------|-------|-------|
| 20MM/20MM              | 2.00  | 20.00 |
| 20MM/22MM              | 3.00  | 21.00 |
| 22MM/22MM              | 4.00  | 22.00 |

|  |            |                           |          |              |      |   |
|--|------------|---------------------------|----------|--------------|------|---|
|  | title      | AirMax VS VERT RECPT ASSY | dwg no   | 10084581     | Rev. | B |
|  | catalog no | -                         | CUSTOMER | sheet 3 of 4 |      |   |

REV F - 2006-04-17

PART NUMBER

10084581-101LF

PRESS-FIT TAIL  
PLATING TYPETIN 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:  
PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS  
OF FCI PRODUCT SPECIFICATION GS-12-239, INCLUDING TELCORDIA  
GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE.  
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. SEE CUSTOMER DRAWING 10045979 FOR INFORMATION ON PCB HOLE  
DIAMETER 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

