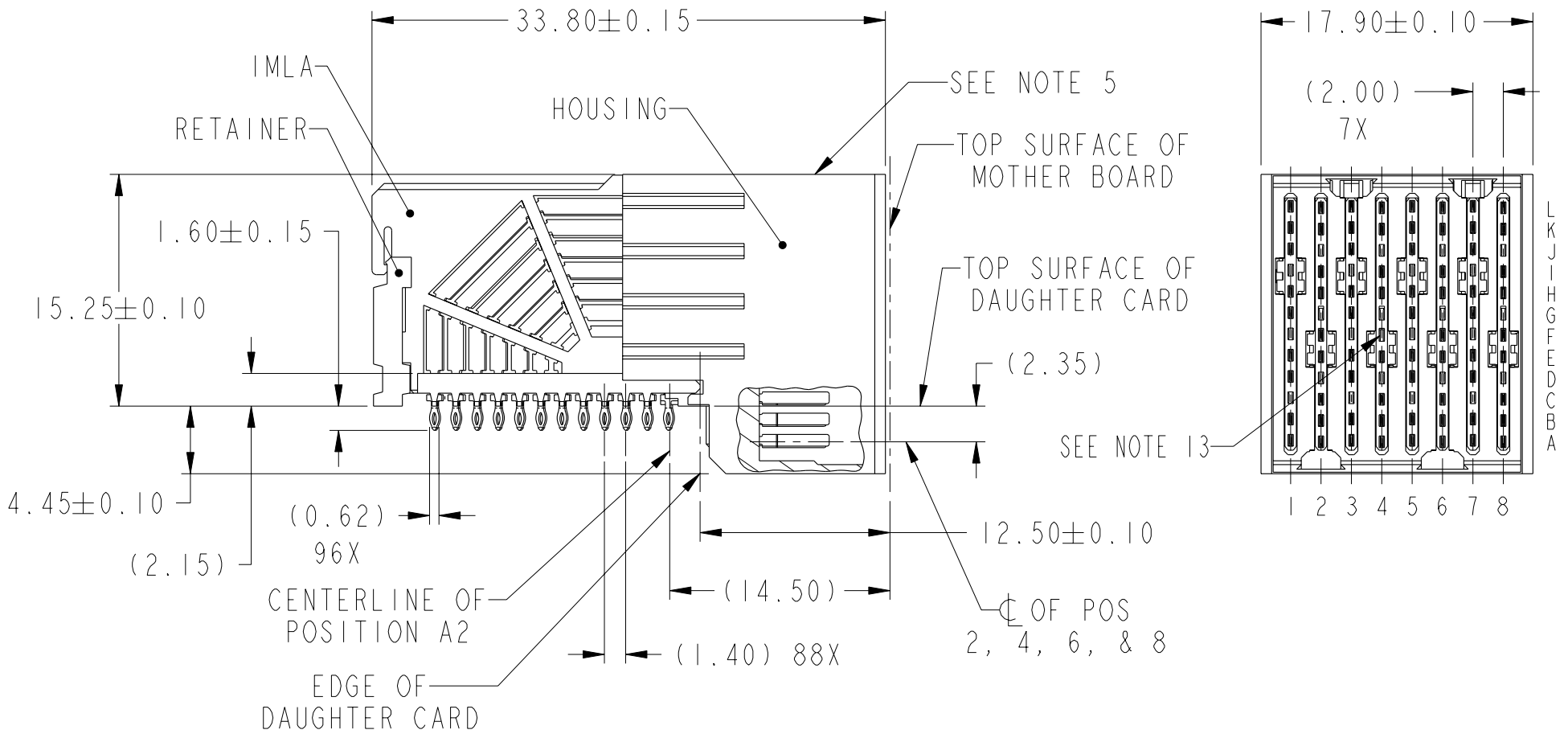




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Product number  
SEE TABLE, SHT 5



| rev | ecn no   | dr | date       |
|-----|----------|----|------------|
| A   | S07-0103 | LS | 2007-04-05 |
| B   | S08-0251 | CH | 2008-07-31 |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |

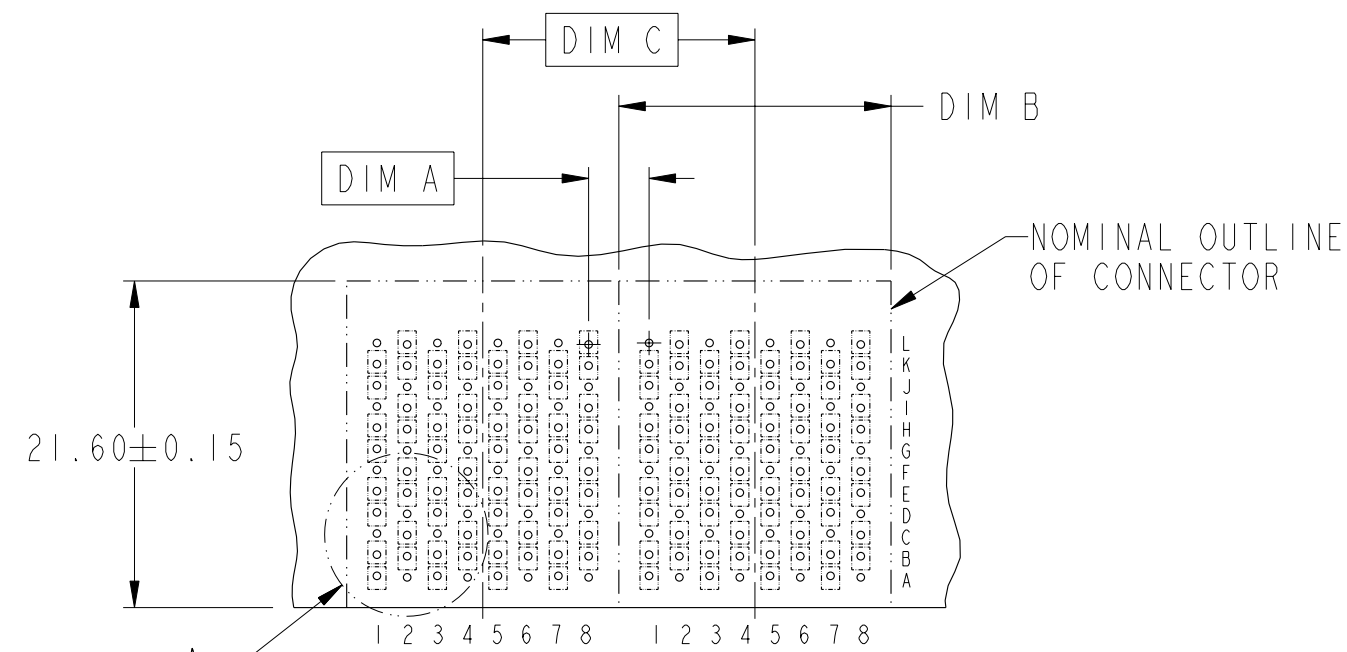
|                    |             |                                       |                               |                  |
|--------------------|-------------|---------------------------------------|-------------------------------|------------------|
| www.fciconnect.com |             | surface - ✓<br>ASME Y14.5             | tolerance std<br>ASME Y14.5 - | projection<br>MM |
|                    |             | TOLERANCES UNLESS OTHERWISE SPECIFIED |                               |                  |
| Dr                 | G. HULL     | 2005-01-26                            | ANGULAR                       | 0.X ±            |
| Eng                | B. MARSHALL | 2005-01-26                            | LINEAR                        | 0.XX ±           |
| Chr                | C.H TAN     | 2008-07-31                            | 0° ±°                         | 0.XXX ±          |
| Appr               | JOEY NG     | 2008-07-31                            | Product family                | AirMax VS        |
| FCI                |             | title                                 | AirMax VS R/A HEADER ASSY     |                  |
|                    |             |                                       | PRESS-FIT, 96 POS, 18MM       |                  |
|                    |             | catalog no                            | -                             |                  |
|                    |             | size                                  | A4                            |                  |
|                    |             | scale                                 | 5:2                           |                  |
|                    |             | ECN                                   | ***                           |                  |
|                    |             | Spec ref                              |                               |                  |
|                    |             | dwg no                                | 10052838                      |                  |
|                    |             | Rev.                                  | B                             |                  |
|                    |             | CUSTOMER                              | sheet 1 of 5                  |                  |

REV F - 2008-04-17



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



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

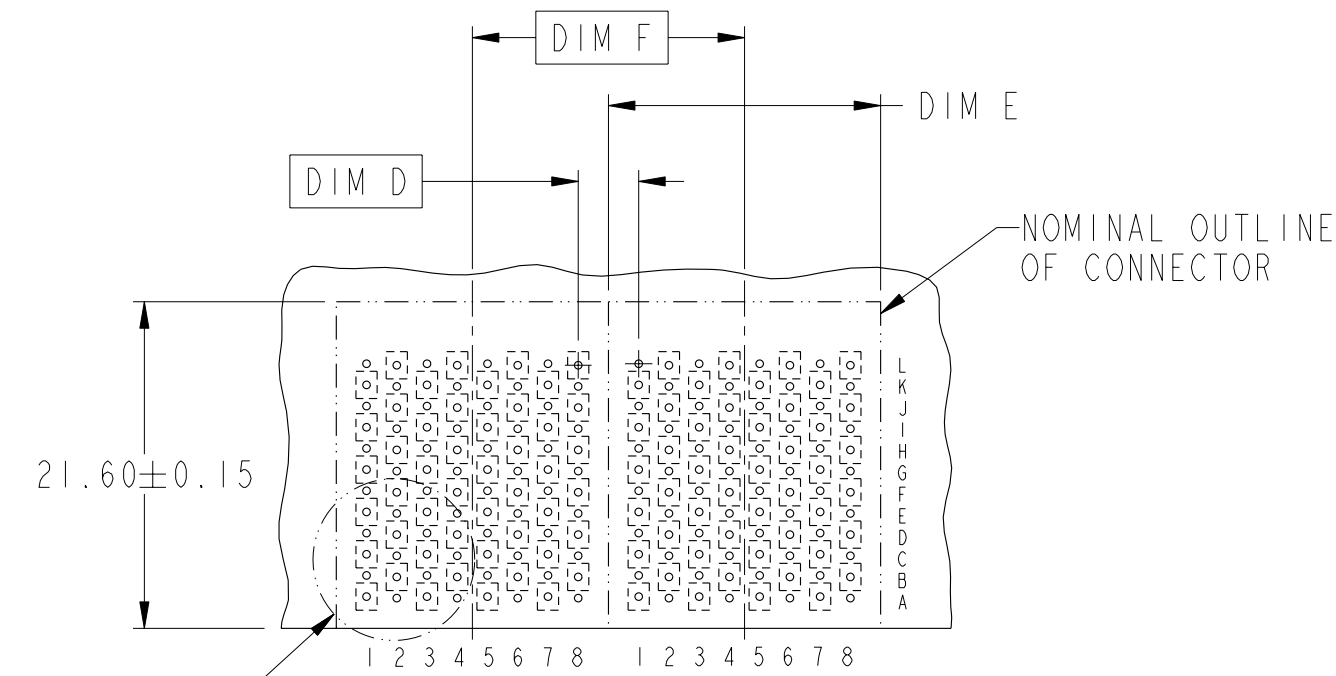
|                                                                                       |            |                           |  |          |          |              |           |
|---------------------------------------------------------------------------------------|------------|---------------------------|--|----------|----------|--------------|-----------|
|  | title      | AirMax VS R/A HEADER ASSY |  | dwg no   | 10052838 |              | Rev.<br>B |
|                                                                                       |            | PRESS-FIT, 96 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<br>PLACED END-TO-END                   | 4.00  | 17.90 2X               | 18.00 |
| 1-16MM MODULE &<br>1-18MM MODULE<br>PLACED END-TO-END | 3.00  | 15.90 1X &<br>17.90 1X | 17.00 |



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

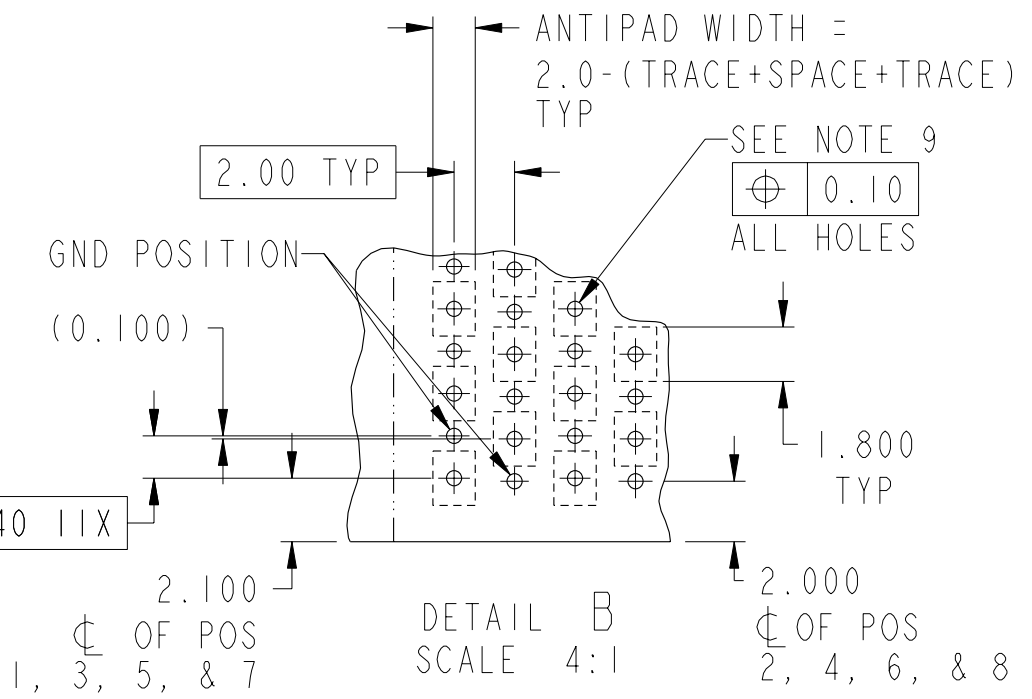
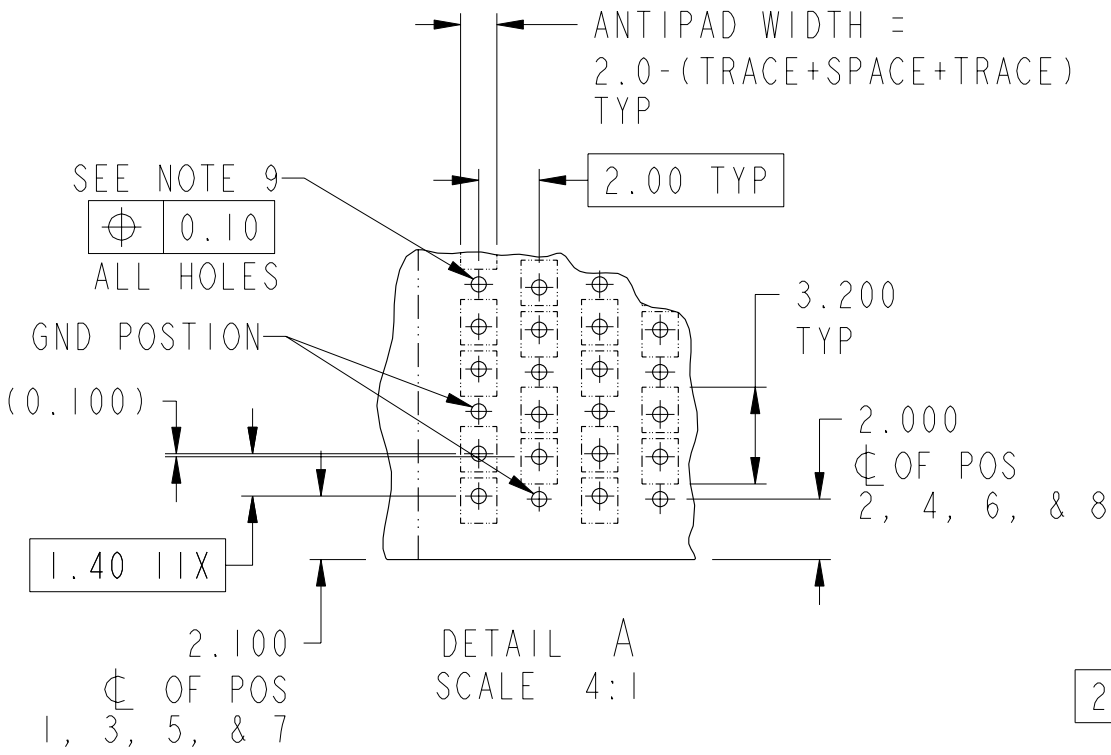


|            |                                                      |          |              |      |   |
|------------|------------------------------------------------------|----------|--------------|------|---|
| title      | AirMax VS R/A HEADER ASSY<br>PRESS-FIT, 96 POS, 18MM | dwg no   | 10052838     | Rev. | B |
| catalog no | -                                                    | CUSTOMER | sheet 3 of 5 |      |   |

REV F - 2006-04-17



Copyright FCI.



|  |            |                           |  |          |              |      |   |
|--|------------|---------------------------|--|----------|--------------|------|---|
|  | title      | AirMax VS R/A HEADER ASSY |  | dwg no   | 10052838     | Rev. | B |
|  |            | PRESS-FIT, 96 POS, 18MM   |  |          |              |      |   |
|  | catalog no | -                         |  | CUSTOMER | sheet 4 of 5 |      |   |

REV F - 2006-04-17

A

| PART NUMBER    | PRESS-FIT TAIL<br>PLATING TYPE | SHORT DETECT<br>CONTACT |
|----------------|--------------------------------|-------------------------|
| 10052838-101   | TIN/LEAD ALLOY<br>OVER NICKEL  | NO                      |
| 10052838-101LF | TIN OVER NICKEL<br>(LEAD FREE) |                         |
| 10052838-111   | TIN/LEAD ALLOY<br>OVER NICKEL  | YES<br>(SEE NOTE 13)    |
| 10052838-111LF | TIN OVER NICKEL<br>(LEAD FREE) |                         |

## NOTES:

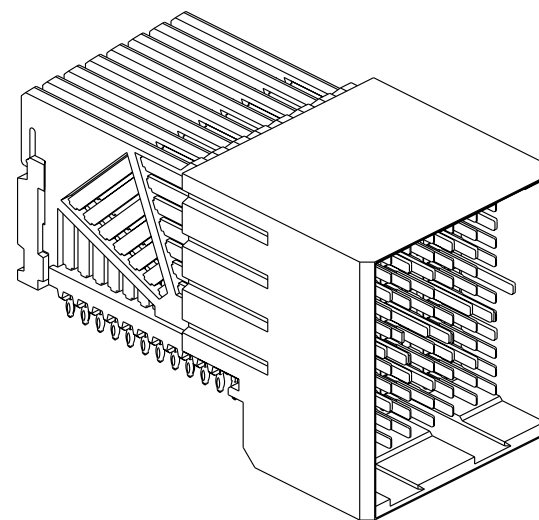
1. CONNECTOR MATERIALS:  
HOUSING & RETAINER: HIGH TEMP THERMOPLASTIC, NATURAL, UL94V-0  
IMLA PLASTIC: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0  
CONTACT: COPPER ALLOY

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.  
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 OF ODD NUMBERED COLUMNS AND POSITIONS G  
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.

13. MATING PIN F4 IS SHORTER THAN ALL REMAINING  
SIGNAL PINS. NOMINAL MATING WIPE FOR PIN F4  
IS 0.5MM LESS THAN ALL REMAINING SIGNAL PINS.

14. A  $\triangle B$  SYMBOL WILL BE NEXT TO ANY DIMENSION,  
VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH  
THE CURRENT DRAWING REVISION.



|            |                           |          |              |      |   |
|------------|---------------------------|----------|--------------|------|---|
| title      | AirMax VS R/A HEADER ASSY | dwg no   | 10052838     | Rev. | B |
| catalog no | -                         | CUSTOMER | sheet 5 of 5 |      |   |

C

D

A

B

C

D