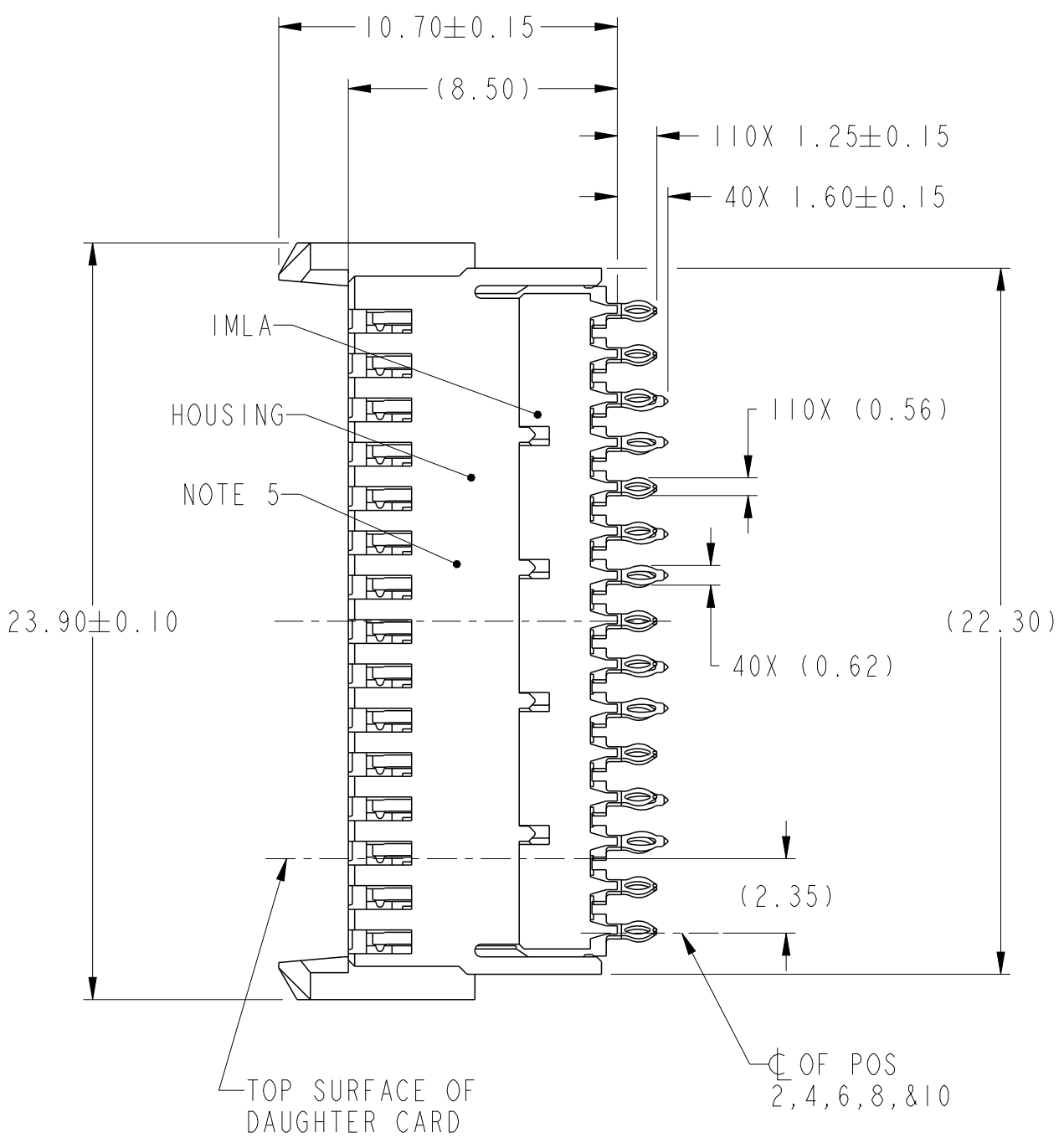
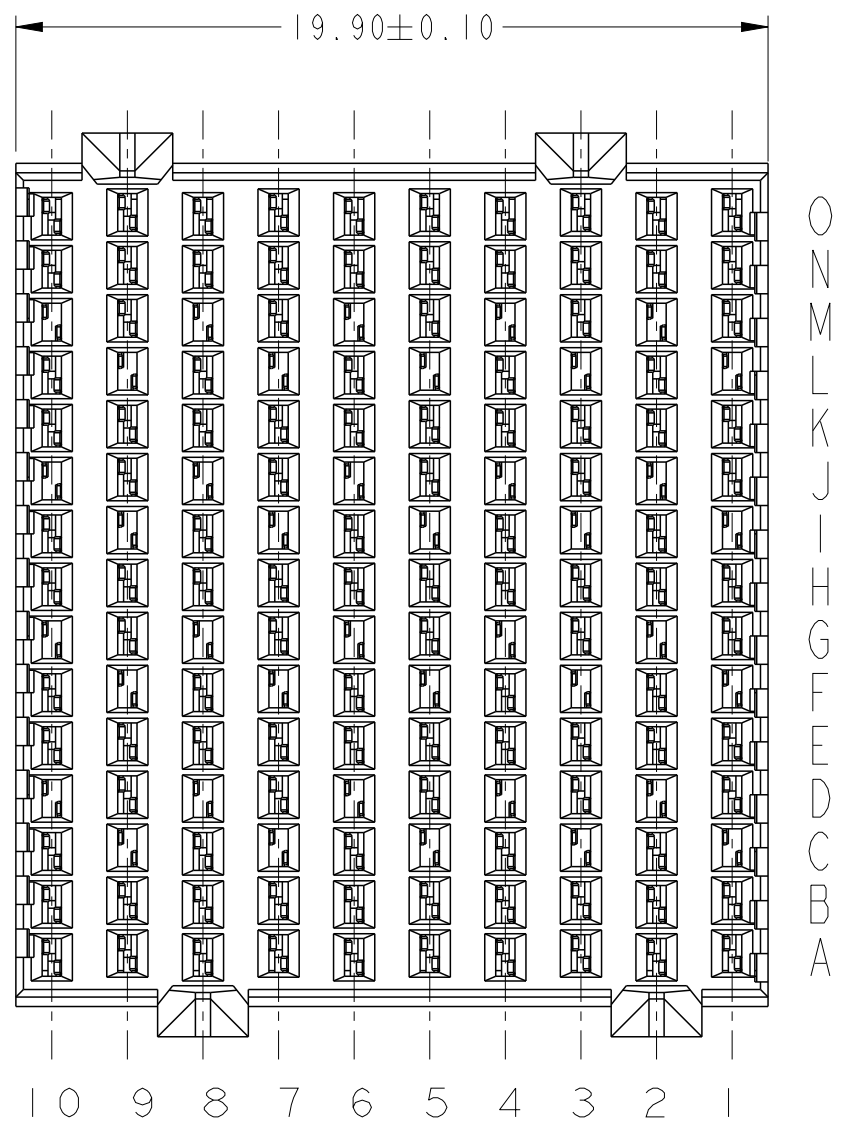




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PRODUCT NUMBER  
SEE TABLE, SHEET 4



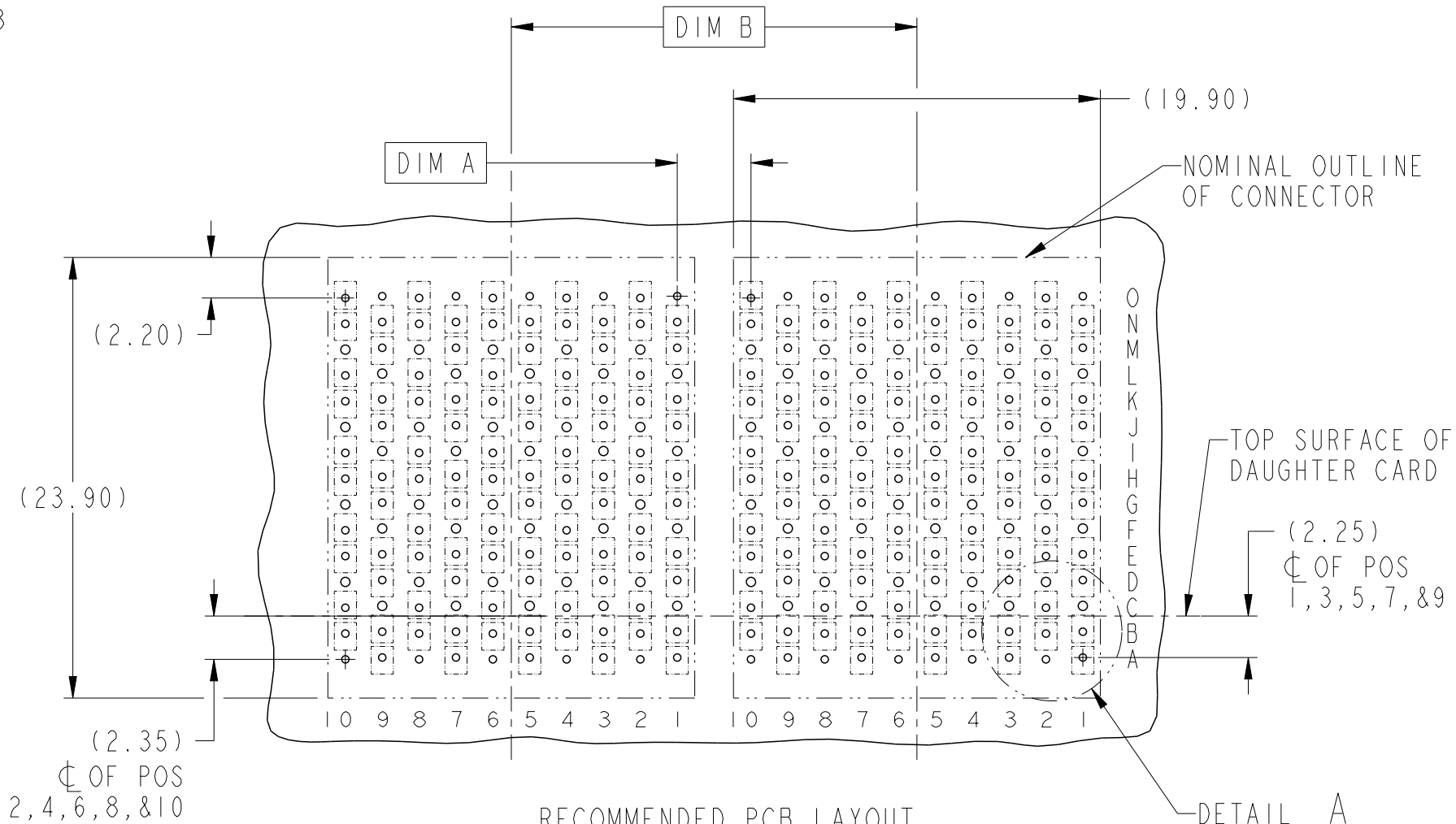
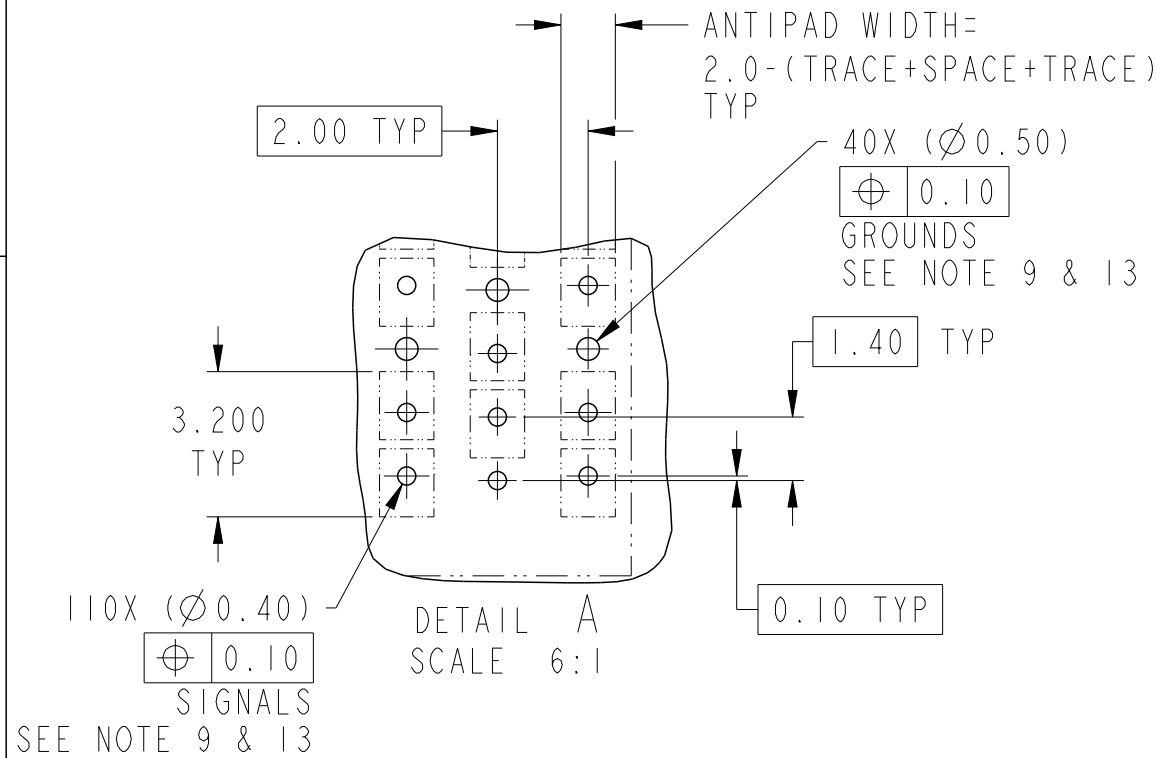
|                                       |  |  |  |         |       |               |            |                                                              |                           |                |          |           |       |     |                        |   |              |  |
|---------------------------------------|--|--|--|---------|-------|---------------|------------|--------------------------------------------------------------|---------------------------|----------------|----------|-----------|-------|-----|------------------------|---|--------------|--|
| spec ref                              |  |  |  | dr      |       | Sandar Soe    | 2013/11/14 | <div>projection</div> <div></div>                            | <div>MM</div> <div></div> | size           |          | A3        | scale |     | 5:1                    |   |              |  |
| tolerance std                         |  |  |  | eng     |       | Sandar Soe    | 2015/10/27 |                                                              |                           | ecn no         |          | -         |       |     |                        |   |              |  |
| ASME Y14.5                            |  |  |  | chr     |       | -             | -          |                                                              |                           | rel level      |          | Released  |       |     |                        |   |              |  |
| -                                     |  |  |  | appr    |       | Chen-Hong Tan | 2015/10/27 |                                                              |                           | product family |          | AirMax VS |       |     |                        |   |              |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |  |  |  |         |       | title         |            | AIRMAX VS2 VERT RECEPT ASSY<br>SMALL PF, 150 POS, 20mm, GXT+ |                           | dwg no         |          | 10127982  |       | rev |                        | A |              |  |
|                                       |  |  |  |         |       |               |            |                                                              |                           |                |          |           |       |     |                        |   |              |  |
|                                       |  |  |  |         |       |               |            |                                                              |                           |                |          |           |       |     |                        |   |              |  |
|                                       |  |  |  |         |       |               |            |                                                              |                           |                |          |           |       |     |                        |   |              |  |
| surface                               |  |  |  | linear  | 0.X   |               | ±0.3       |                                                              | www.fci.com               |                | cat. no. |           | -     |     | Product - Customer Drw |   | sheet 1 of 3 |  |
| ASME Y14.5                            |  |  |  |         | 0.XX  |               | ±0.10      |                                                              |                           |                |          |           |       |     |                        |   |              |  |
| -                                     |  |  |  |         | 0.XXX |               | ±0.050     |                                                              |                           |                |          |           |       |     |                        |   |              |  |
| ASME Y14.5                            |  |  |  | angular | 0°    |               | ±2°        |                                                              |                           |                |          |           |       |     |                        |   |              |  |



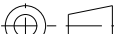
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D

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



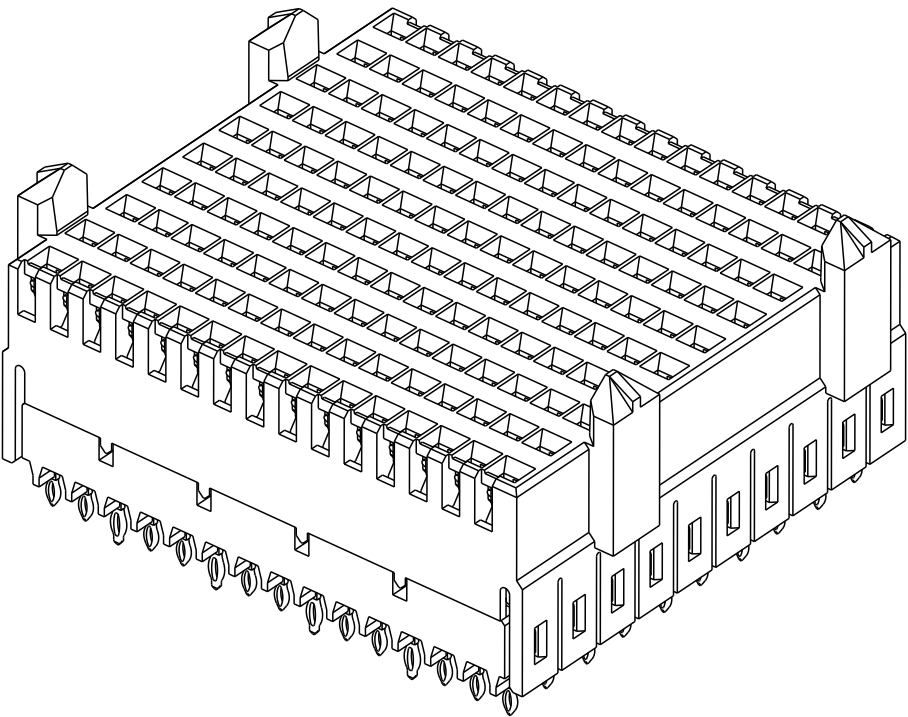
RECOMMENDED PCB LAYOUT  
FOR DIFFERENTIAL APPLICATIONS,  
COMPONENT SIDE  
(TWO ADJACENT FOOTPRINTS SHOWN)  
NOTES 6 & 7

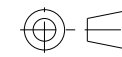
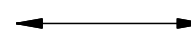
|                                                                                                                     |                                       |       |             |                                                                                       |                                                                       |            |                                                                                                     |                                                                                             |                |    |              |           |   |
|---------------------------------------------------------------------------------------------------------------------|---------------------------------------|-------|-------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------|------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|----|--------------|-----------|---|
| spec ref                                                                                                            |                                       |       |             | dr                                                                                    | Sandar Soe                                                            | 2013/11/14 | projection<br> | MM<br> | size           | A3 | scale        | 3:1       |   |
| tolerance std<br>ASME Y14.5<br>-                                                                                    | TOLERANCES UNLESS OTHERWISE SPECIFIED |       |             | eng                                                                                   | Sandar Soe                                                            | 2015/10/27 |                                                                                                     |                                                                                             | ecn no         |    |              |           | - |
|                                                                                                                     |                                       |       |             | chr                                                                                   | -                                                                     | -          |                                                                                                     |                                                                                             | rel level      |    |              | Released  |   |
|                                                                                                                     |                                       |       |             | appr                                                                                  | Chen-Hong Tan                                                         | 2015/10/27 |                                                                                                     |                                                                                             | product family |    |              | AirMax VS |   |
| surface<br>-<br><br>ASME Y14.5 | linear                                | 0.X   | ±0.3        |  | title<br>AIRMAX VS2 VERT RECEPT ASSY<br>SMALL PF, 150 POS, 20mm, GXT+ |            |                                                                                                     | dwg no                                                                                      | 10127982       |    |              | rev       | A |
|                                                                                                                     |                                       | 0.XX  | ±0.10       |                                                                                       |                                                                       |            |                                                                                                     |                                                                                             |                |    |              |           |   |
|                                                                                                                     |                                       | 0.XXX | ±0.050      |                                                                                       |                                                                       |            |                                                                                                     |                                                                                             |                |    |              |           |   |
| angular                                                                                                             | 0°                                    | ±2°   | www.fci.com | cat. no.                                                                              |                                                                       | -          | Product - Customer Drw                                                                              |                                                                                             |                |    | sheet 2 of 3 |           |   |

|                |                                   |
|----------------|-----------------------------------|
| PART NUMBER    | PRESS-FIT TAIL<br>PLATING TYPE    |
| 10127982-102   | TIN LEAD ALLOY<br>OVER NICKEL     |
| 10127982-102LF | TIN OVER<br>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 TEST SEQUENCE.
- 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 10104444 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. GROUND VIAS IN POSITON C, F, I & L FOR ODD COLUMNS AND POSITIONS D, G ,J & M FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.
14. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION



|                                                                                               |  |                                       |  |     |  |            |            |                                                                                       |            |          |                                                                                       |                             |                                                                                       |                        |                |          |  |              |           |       |  |        |  |
|-----------------------------------------------------------------------------------------------|--|---------------------------------------|--|-----|--|------------|------------|---------------------------------------------------------------------------------------|------------|----------|---------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|------------------------|----------------|----------|--|--------------|-----------|-------|--|--------|--|
| spec ref                                                                                      |  |                                       |  | dr  |  | Sandar Soe | 2013/11/14 |                                                                                       | projection |          | MM                                                                                    |                             | size                                                                                  |                        | A3             | scale    |  | 5:1          |           |       |  |        |  |
| tolerance std                                                                                 |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  |     |  | eng        |            | Sandar Soe                                                                            | 2015/10/27 |          |  |                             |  |                        | ecn no         |          |  |              | -         |       |  |        |  |
| ASME Y14.5                                                                                    |  |                                       |  |     |  | chr        |            | -                                                                                     | rel level  |          |                                                                                       |                             |                                                                                       |                        | Released       |          |  |              |           |       |  |        |  |
| -                                                                                             |  |                                       |  |     |  | appr       |            | Chen-Hong Tan                                                                         | 2015/10/27 |          |                                                                                       |                             |                                                                                       |                        | product family |          |  |              | AirMax VS |       |  |        |  |
| surface  |  | linear                                |  | 0.X |  | ±0.3       |            |  |            | title    |                                                                                       | AIRMAX VS2 VERT RECEPT ASSY |                                                                                       | dwg no                 |                | 10127982 |  | rev          |           | A     |  |        |  |
|                                                                                               |  |                                       |  |     |  |            |            |                                                                                       |            |          |                                                                                       |                             |                                                                                       |                        |                |          |  |              |           | 0.XX  |  | ±0.10  |  |
|                                                                                               |  |                                       |  |     |  |            |            |                                                                                       |            |          |                                                                                       |                             |                                                                                       |                        |                |          |  |              |           | 0.XXX |  | ±0.050 |  |
| ASME Y14.5                                                                                    |  | angular                               |  | 0°  |  | ±2°        |            | www.fci.com                                                                           |            | cat. no. |                                                                                       | -                           |                                                                                       | Product - Customer Drw |                |          |  | sheet 3 of 3 |           |       |  |        |  |

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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[www.lifeelectronics.ru](http://www.lifeelectronics.ru)