

10135260 - 10X LF

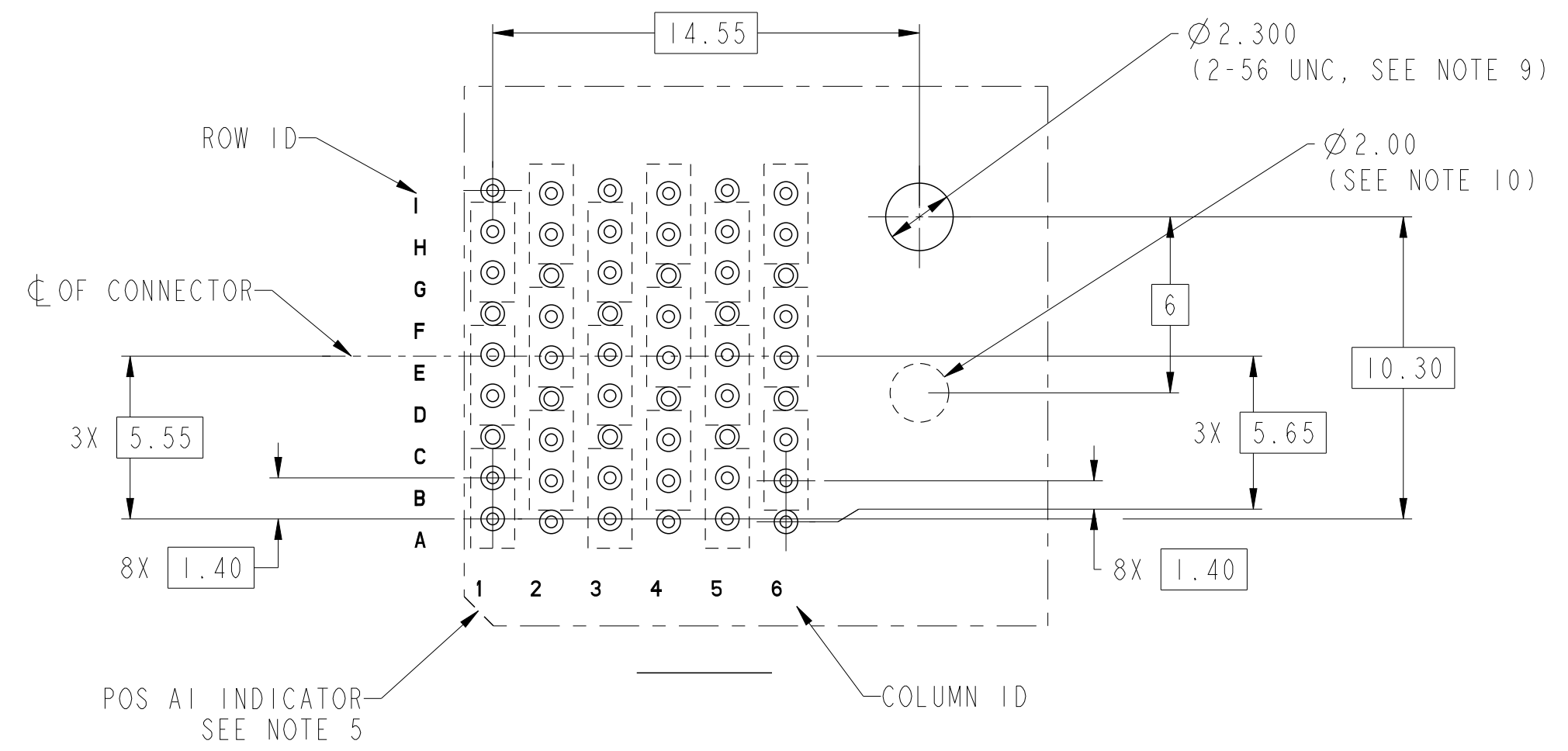
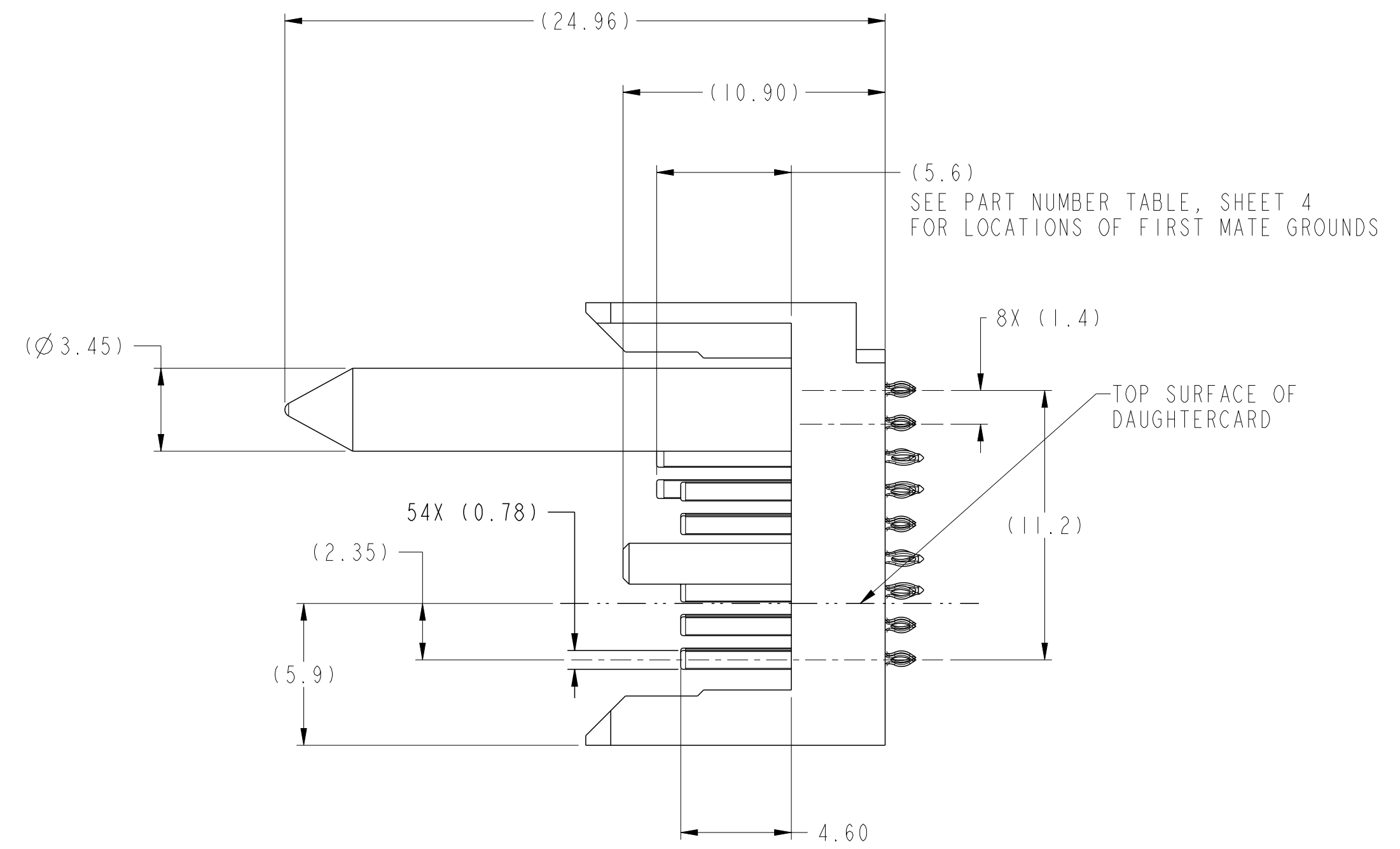
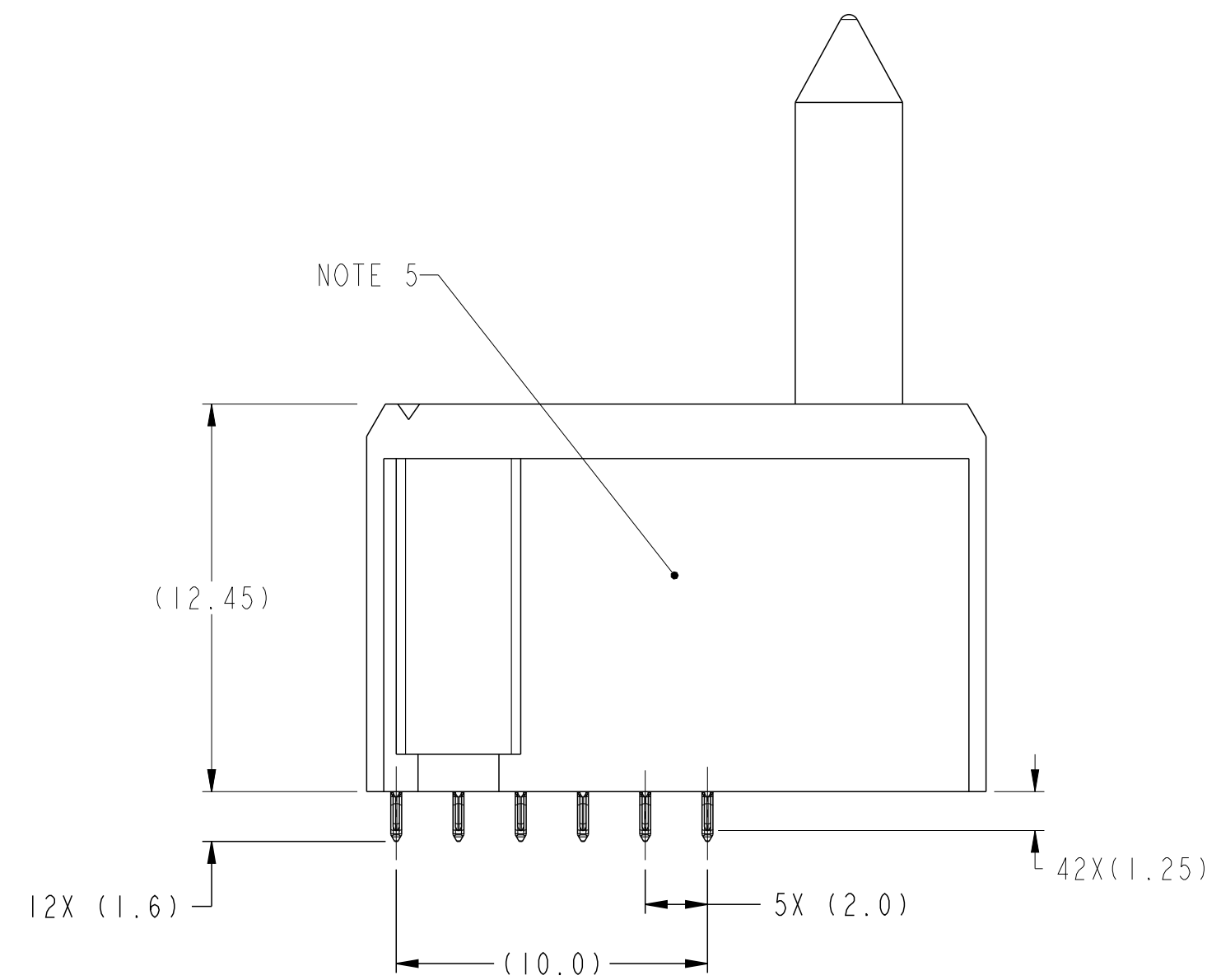
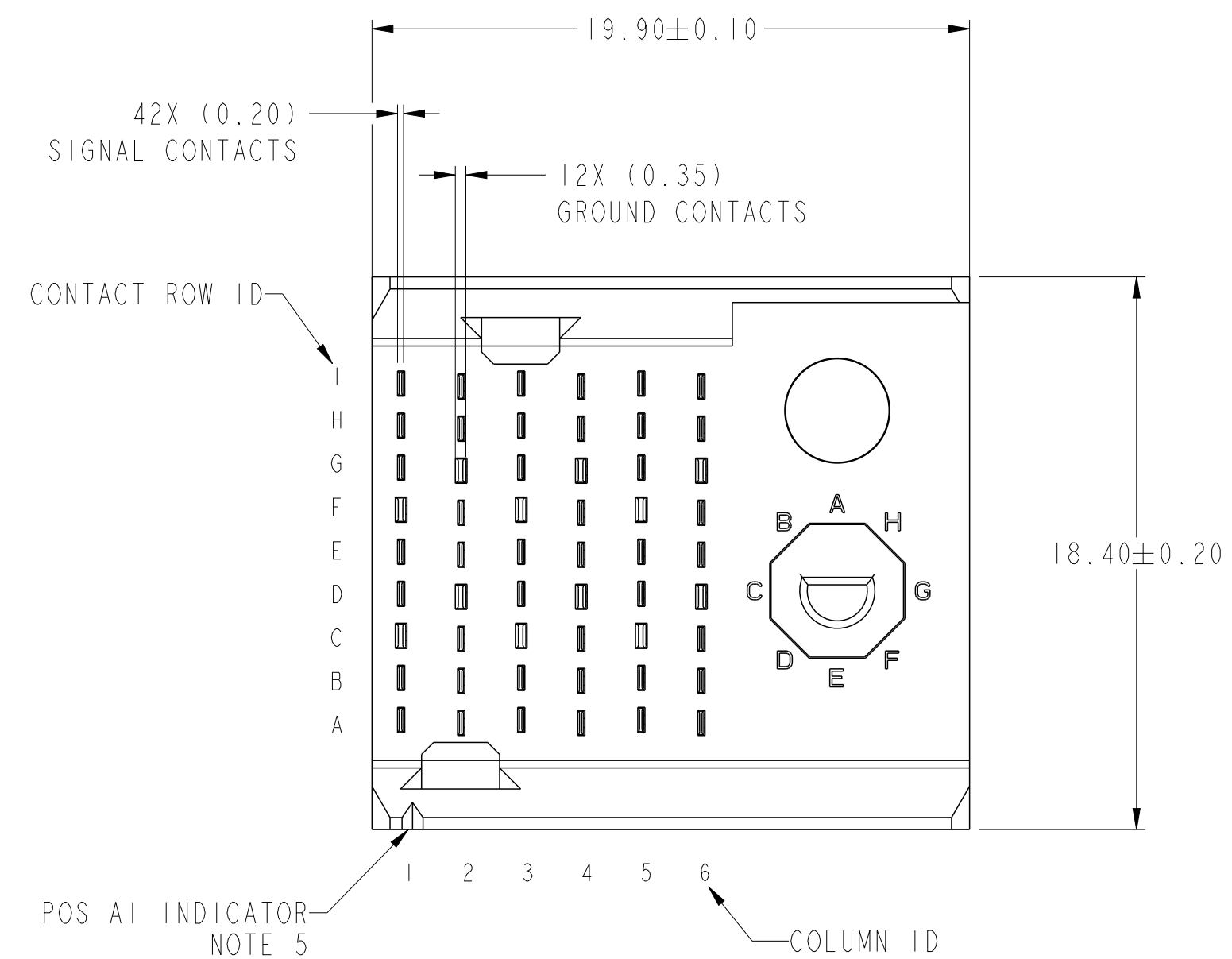
LEAD-FREE DESIGNATION  
ONLY WITH APPLICABLE  
PLATING CODES

SEE NOTE 2

| MODULE DESCRIPTION                                         | LETTER DESIGNATION REPRESENTED IN DASH NUMBER |               |   |   |   |   |   |   |   |   | BASE MODULE |
|------------------------------------------------------------|-----------------------------------------------|---------------|---|---|---|---|---|---|---|---|-------------|
| LEFT<br>POLARIZING<br>GUIDANCE<br>MODULE<br>(SEE SHEET 3)  | N                                             | J<br>(NO KEY) | A | B | C | D | E | F | G | H |             |
|                                                            | NO KEY<br>NO GUIDE PIN                        |               |   |   |   |   |   |   |   |   |             |
| RIGHT<br>POLARIZING<br>GUIDANCE<br>MODULE<br>(SEE SHEET 2) | Z                                             | Y<br>(NO KEY) | P | Q | R | S | T | U | V | W |             |
|                                                            | NO KEY<br>NO GUIDE PIN                        |               |   |   |   |   |   |   |   |   |             |

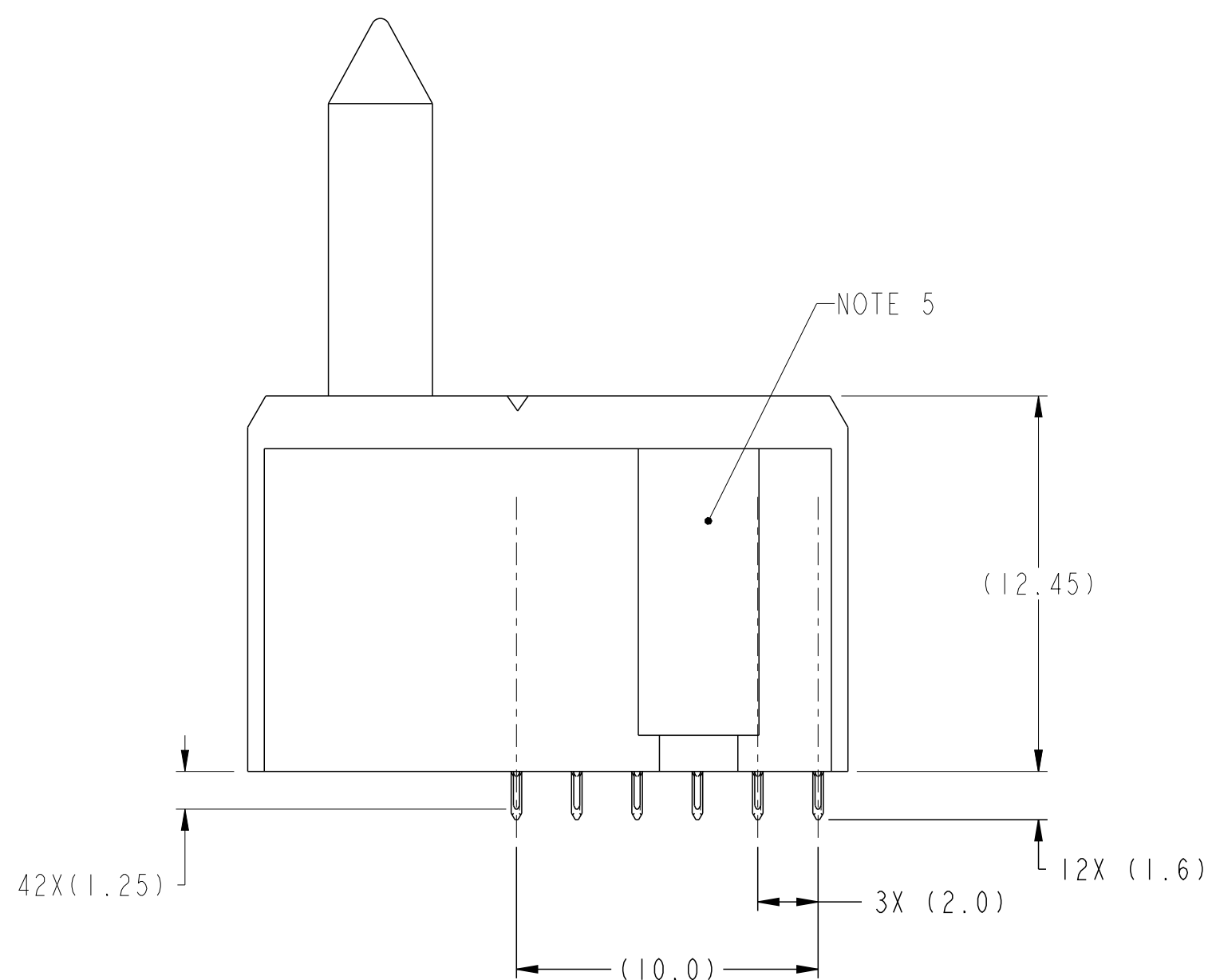
|               |  |                |  |                     |  |                              |  |              |  |                 |  |                           |  |           |  |
|---------------|--|----------------|--|---------------------|--|------------------------------|--|--------------|--|-----------------|--|---------------------------|--|-----------|--|
| spec ref -    |  |                |  | dr Jerry Ren        |  | 2015/05/15                   |  | projection   |  | MM              |  | size A2                   |  | scale 5:1 |  |
| tolerance std |  |                |  | eng Tao Zhan        |  | 2016/05/19                   |  |              |  |                 |  | ecn no -                  |  |           |  |
| ASME Y14.5    |  |                |  | chr -               |  |                              |  |              |  |                 |  | rel level Released        |  |           |  |
|               |  |                |  | appr Pei-Ming Zheng |  | 2016/05/19                   |  |              |  |                 |  | product family AIRMAX VS2 |  |           |  |
| surface -     |  | linear         |  | Amphenol<br>FCi     |  | title AIRMAX VERTICAL HEADER |  |              |  | dwg no 10135260 |  | rev A                     |  |           |  |
|               |  | 0.X ±0.3       |  |                     |  |                              |  |              |  |                 |  |                           |  |           |  |
|               |  | 0.XX ±0.15     |  |                     |  |                              |  |              |  |                 |  |                           |  |           |  |
|               |  | 0.XXX ±0.050   |  |                     |  |                              |  |              |  |                 |  |                           |  |           |  |
| ASME Y14.5    |  | angular 0° ±2° |  | cat. no. -          |  | Product - Customer Drw       |  | sheet 1 of 4 |  |                 |  |                           |  |           |  |

RIGHT POLARIZING WITH GUIDE



RECOMMENDED PCB DETAILS  
SCALE 5:1

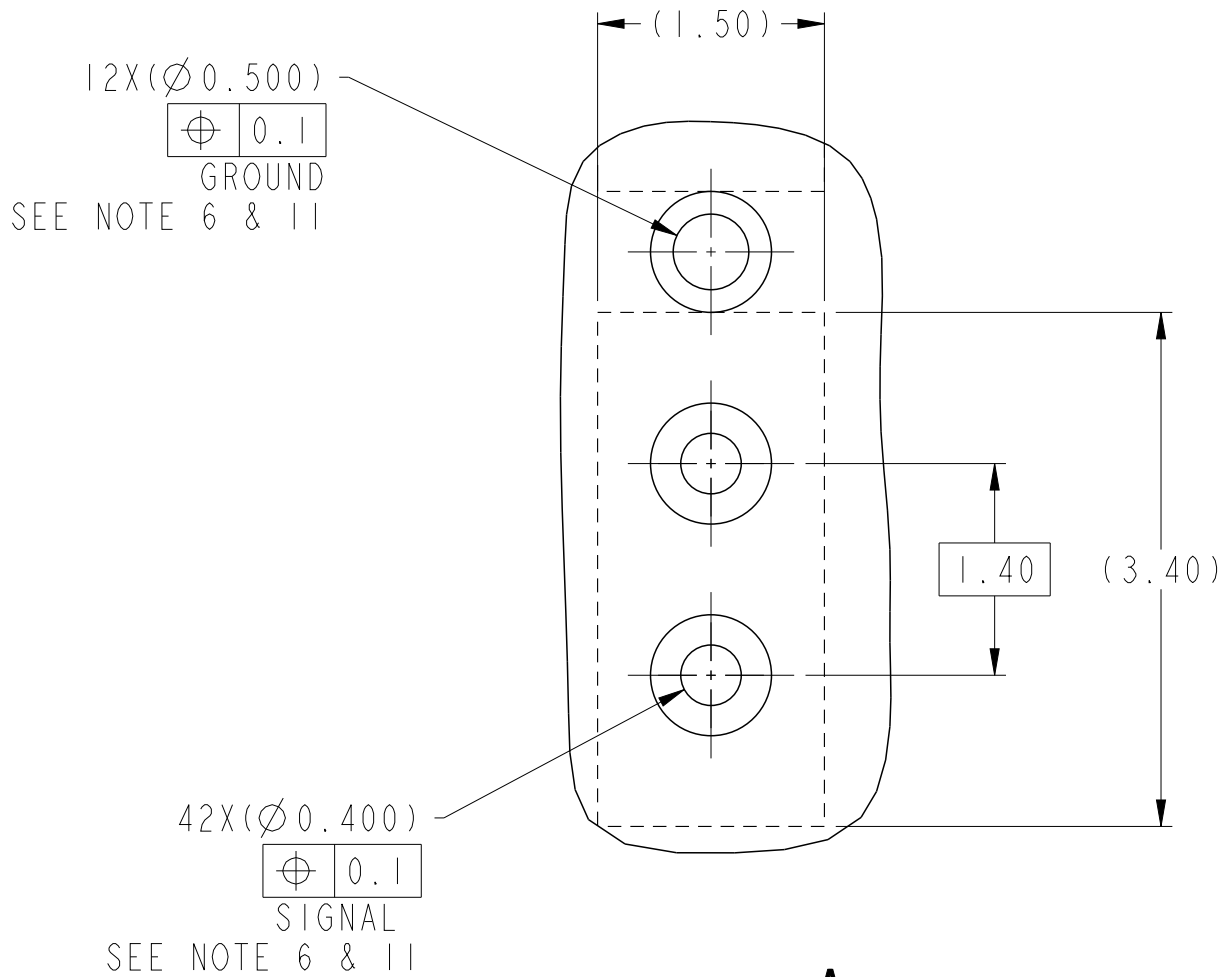
|                                                                                                                  |         |       |        |                     |                                                                |                                                                                                     |                                                                                             |                    |              |
|------------------------------------------------------------------------------------------------------------------|---------|-------|--------|---------------------|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------|--------------|
| spec ref -                                                                                                       |         |       |        | dr Jerry Ren        | 2015/05/15                                                     | projection<br> | MM<br> | size A2            | scale 5:1    |
| tolerance std ASME Y14.5<br>-<br>TOLERANCES UNLESS OTHERWISE SPECIFIED                                           |         |       |        | eng Tao Zhan        | 2016/05/19                                                     |                                                                                                     |                                                                                             | ecn no -           |              |
|                                                                                                                  |         |       |        | chr -               | -                                                              |                                                                                                     |                                                                                             |                    |              |
|                                                                                                                  |         |       |        | appr Pei-Ming Zheng | 2016/05/19                                                     | product family AIRMAX VS2                                                                           |                                                                                             | rel level Released |              |
| surface -<br><br>ASME Y14.5 | linear  | 0.X   | ±0.3   | Amphenol<br>FCI     | title AIRMAX VERTICAL HEADER<br>PRESS-FIT, 3-PAIR, 54 POS, W/G | dwg no 10135260                                                                                     |                                                                                             |                    | rev A        |
|                                                                                                                  |         | 0.XX  | ±0.15  |                     |                                                                |                                                                                                     |                                                                                             |                    |              |
|                                                                                                                  |         | 0.XXX | ±0.050 |                     |                                                                |                                                                                                     |                                                                                             |                    |              |
|                                                                                                                  | angular | 0°    | ±2°    |                     | cat. no. -                                                     | Product - Customer Drw                                                                              |                                                                                             |                    | sheet 2 of 4 |



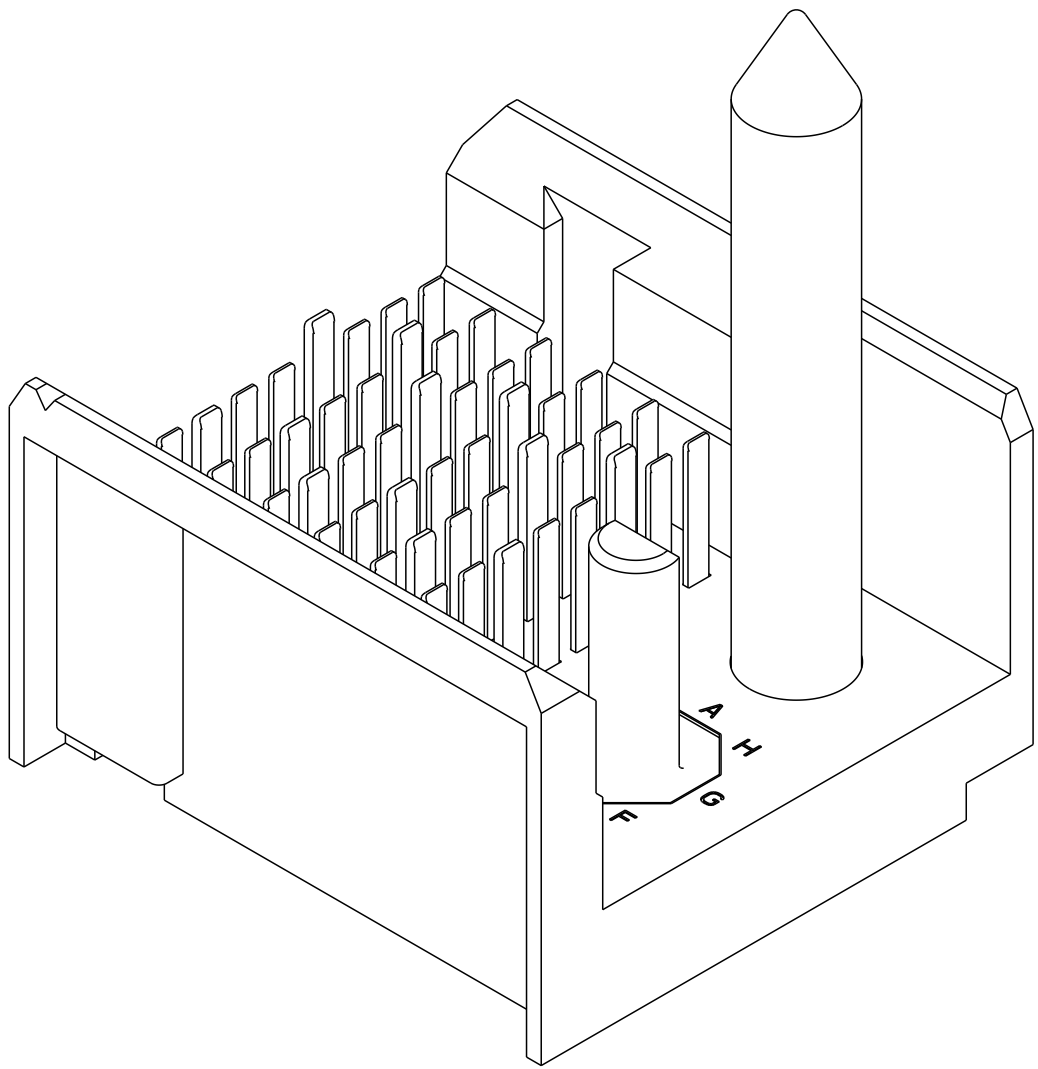


| PART NUMBER    | PRESS-FIT TAIL<br>PLATING TYPE    | FIRST MATE PIN LOCATIONS |
|----------------|-----------------------------------|--------------------------|
| 10135260-10*LF | TIN OVER<br>NICKEL<br>(LEAD FREE) | F1, F3, F5<br>G2, G4, G6 |

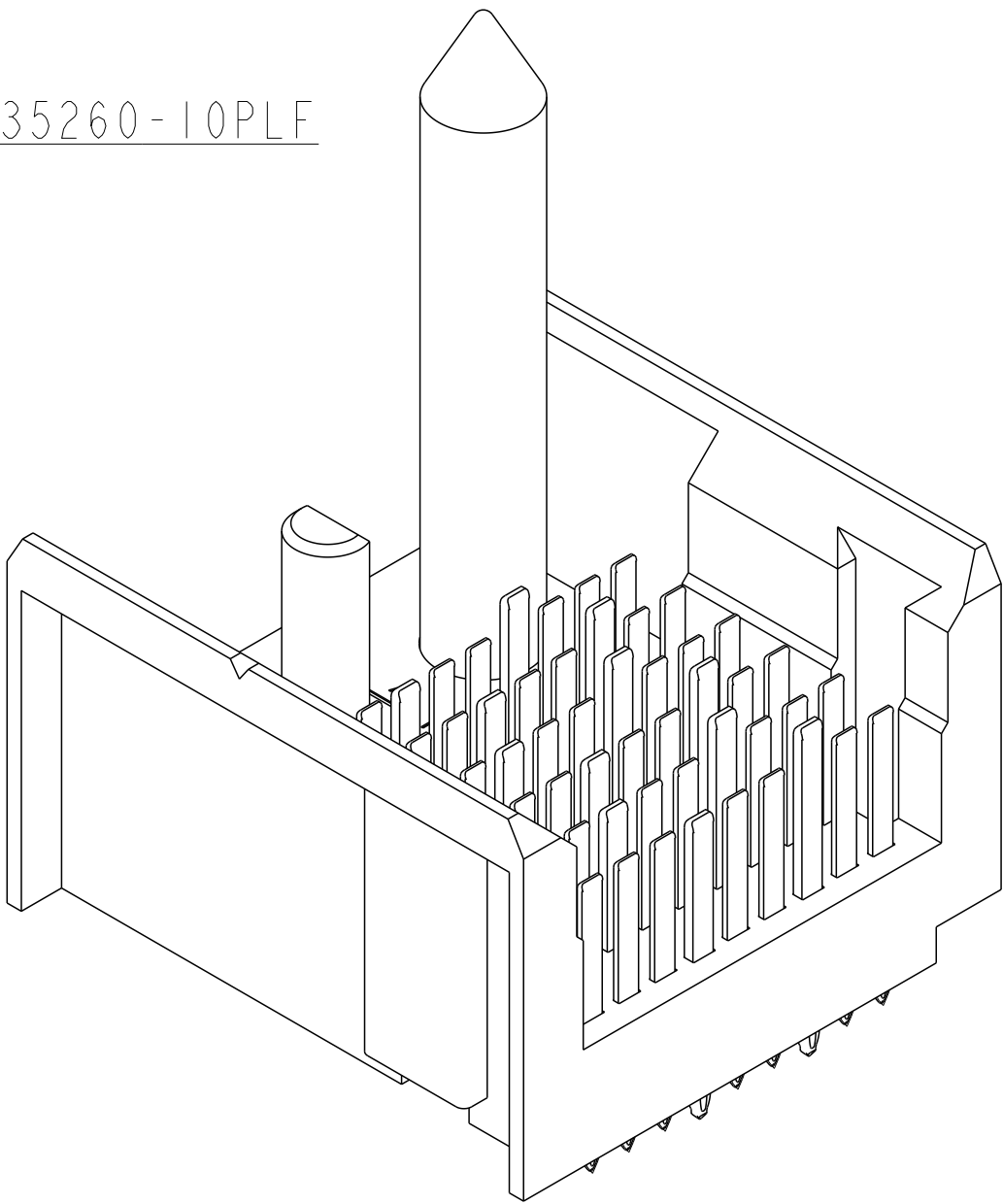
- NOTES:
- CONNECTOR MATERIALS:  
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0  
CONTACT: COPPER ALLOY
  - CONTACT PLATING:  
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL OFFICE TEST SEQUENCE  
PRESS-FIT TAILS: SEE TABLE
  - PRODUCT SPECIFICATION: GS-12-239.
  - APPLICATION SPECIFICATION: GS-20-035.
  - CONNECTOR OUTLINE WITH HOUSING POS AI INDICATOR MAY BE SCREEN PRINTED ONTO CUSTOMER PCB TO BE USED AS A GUIDE FOR MANUAL CONNECTOR PLACEMENT.
  - REFER TO CUSTOMER DRAWING 10104444 FOR INFORMATION ON PCB HOLE DIAMETERS AND PLATING OPTIONS.
  - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
  - PACKAGING MEETS GS-14-920 LEAD FREE LABELING SPECIFICATION.
  - THE SCREW THREAD ON THE CONNECTOR IS 2-56 UNC -2B TAP 8.60 MM, #50 DRILL (1.778) TAP 8.80 MM.
  - NO CIRCUIT IN THIS AREA SURFACE.
  - GROUND VIAS IN POSITIONS C, F FOR ODD COLUMNS AND POSITIONS D, G FOR EVEN COLUMNS REQUIRE (Ø0.50) FINISHED HOLES. ALL OTHER VIAS REQUIRE (Ø0.40) FINISHED HOLES.



DETAIL A  
SCALE 20:1



10135260-10PLF



10135260-10ALF

|               |            |        |                |            |                 |            |                                |              |          |     |
|---------------|------------|--------|----------------|------------|-----------------|------------|--------------------------------|--------------|----------|-----|
| spec ref      | -          | dr     | Jeny Ren       | 2015/09/15 | projection      | MM         | size                           | A2           | scale    | 5:1 |
| tolerance std | ASME Y14.5 | eng    | Tao Zhan       | 2016/09/19 | chr             | -          | ecn no                         | -            |          |     |
|               |            | appr   | Pei-Ming Zheng | 2016/09/19 | product family  | AIRMAX VS2 | rel level                      | Released     |          |     |
| surface       | -          | linear | 0.X            | ±0.3       | Amphenol<br>FCI | title      | AIRMAX VERTICAL HEADER         | dwg no       | 10135260 | rev |
|               |            |        | 0.XX           | ±0.15      |                 |            | PRESS-FIT, 3-PAIR, 54 POS, W/G |              |          | A   |
|               |            |        | 0.XXX          | ±0.050     |                 |            |                                |              |          |     |
| ASME Y14.5    | angular    | 0°     | ±2°            |            | cat. no.        | -          | Product - Customer Drw         | sheet 4 of 4 |          |     |