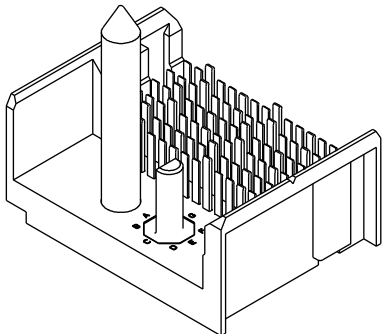
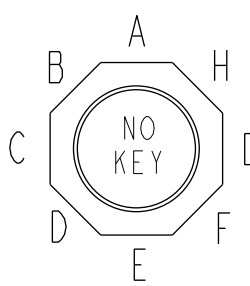
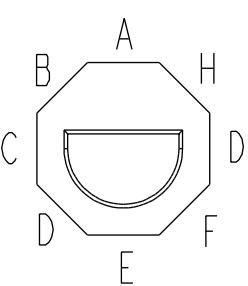
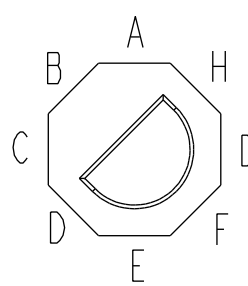
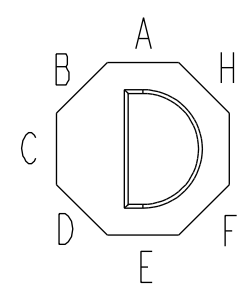
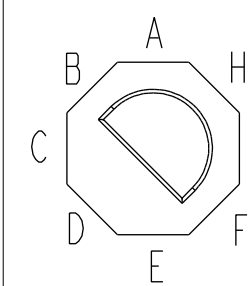
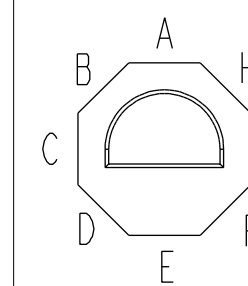
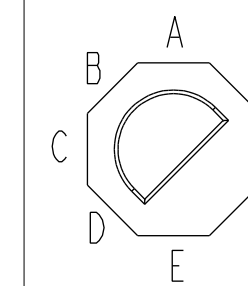
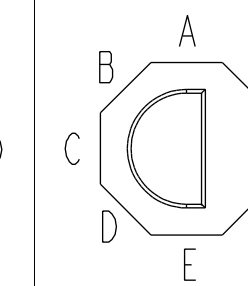
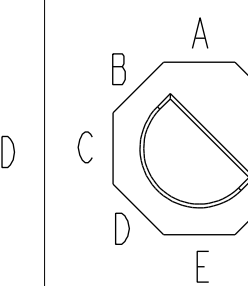
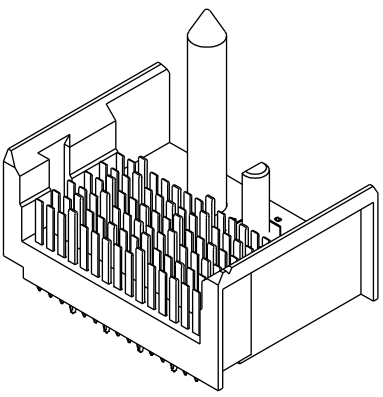
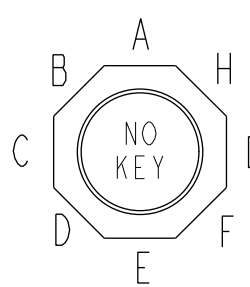
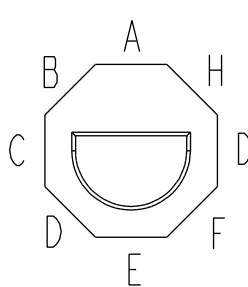
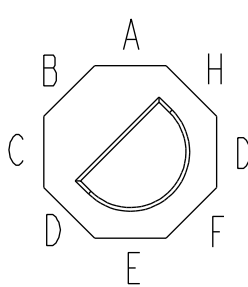
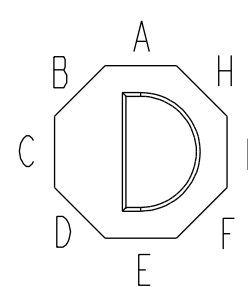
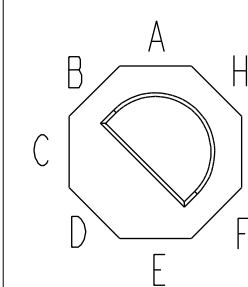
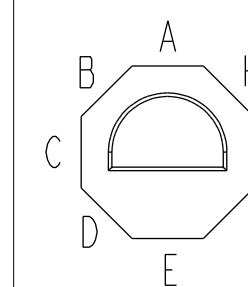
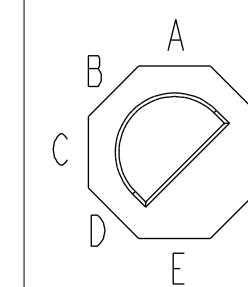
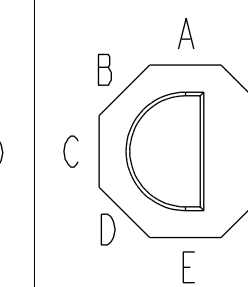
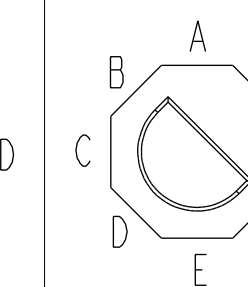


10135305 - 10X LF

LEAD-FREE DESIGNATION  
ONLY WITH APPLICABLE  
PLATING CODES

SEE NOTE 2

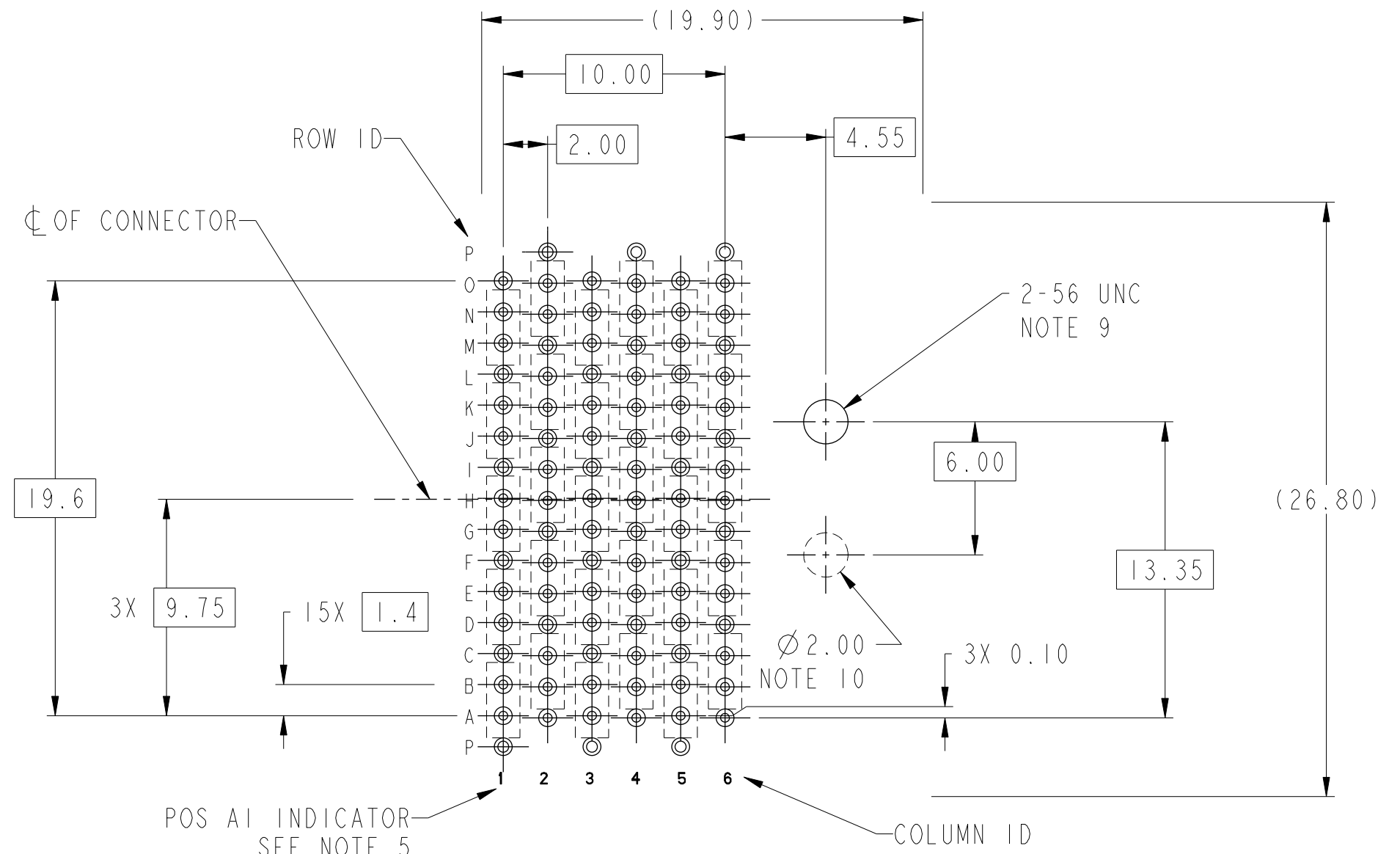
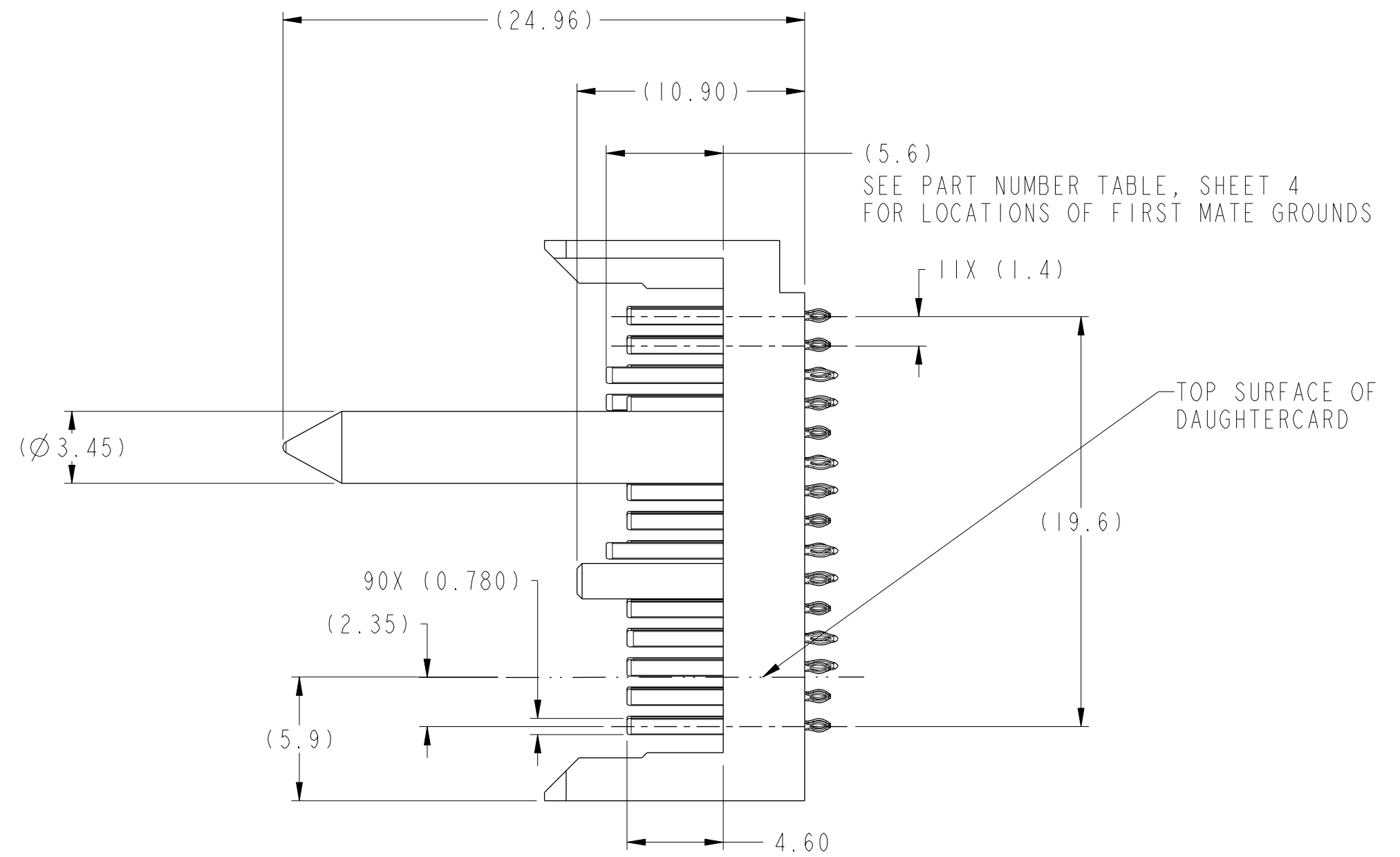
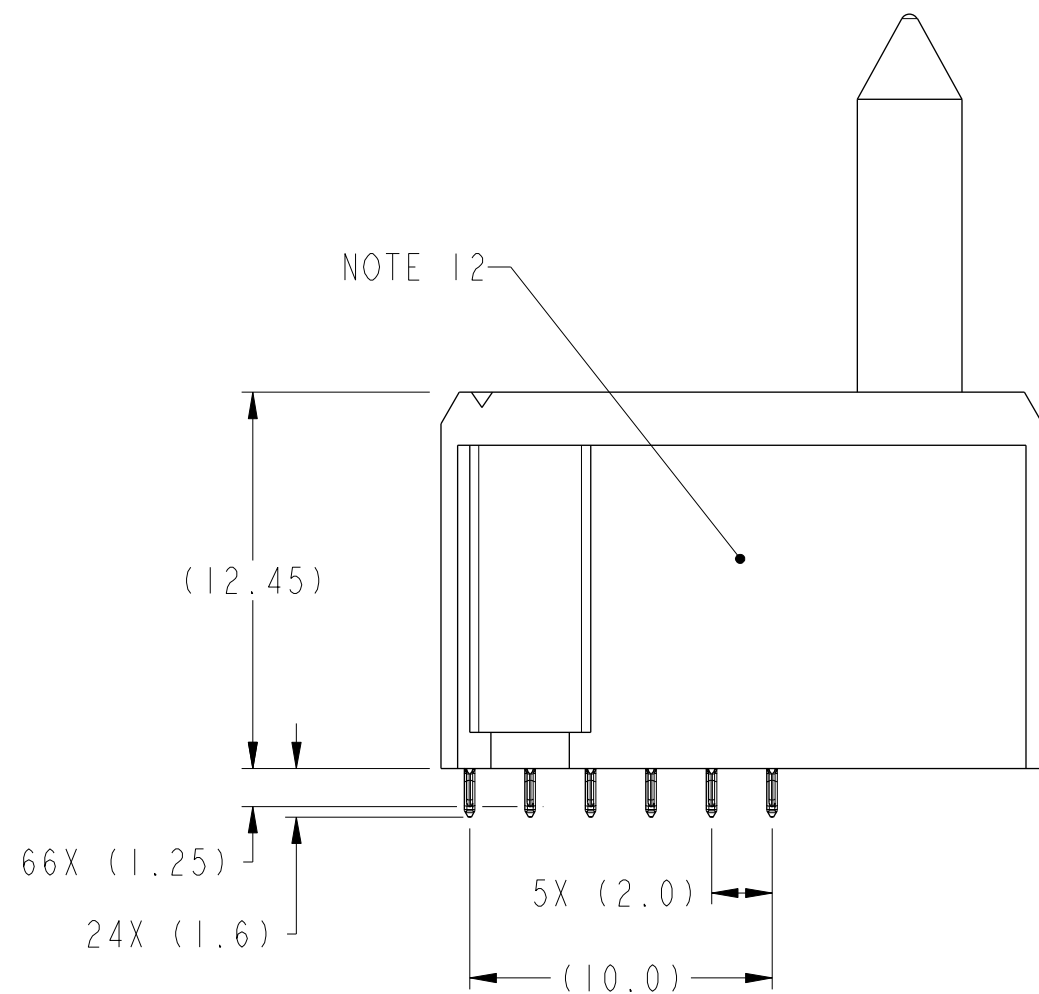
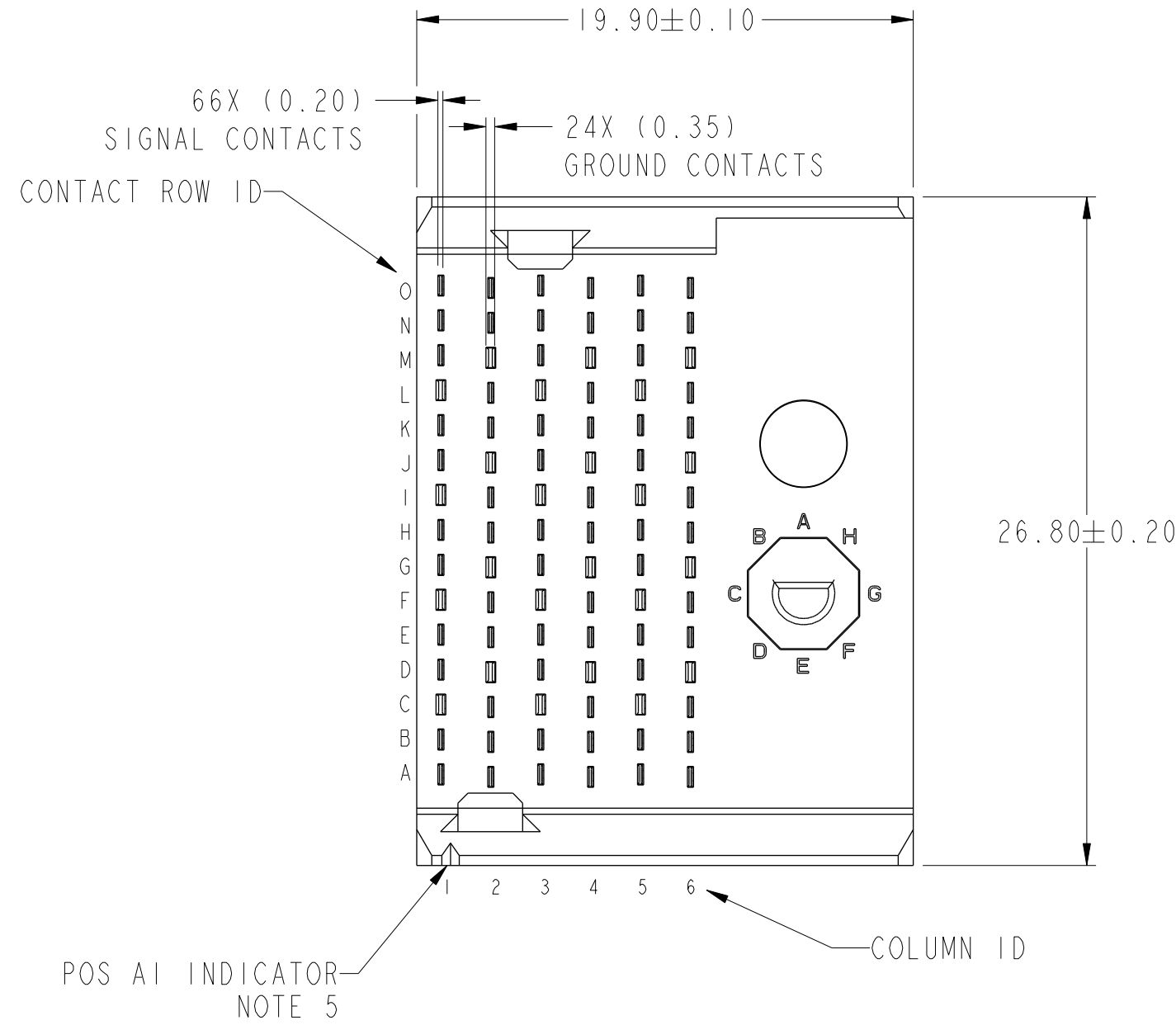
| MODULE DESCRIPTION                                         | LETTER DESIGNATION REPRESENTED IN DASH NUMBER |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                       | 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                        |  |  |  |  |  |  |  |  |  |                                                                                       |

NOT TOOLED

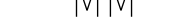
PRELIMINARY

|                                       |  |                |  |                |  |            |  |                                                                                       |  |                                                                                       |  |                       |  |              |  |
|---------------------------------------|--|----------------|--|----------------|--|------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------------------|--|--------------|--|
| spec ref -                            |  |                |  | dr Jackie Chen |  | 2015/05/26 |  | projection                                                                            |  | MM                                                                                    |  | size A2               |  | scale 5:1    |  |
| tolerance std ASME Y14.5              |  |                |  | eng Tao Zhan   |  | 2016/03/14 |  |  |  |  |  | ecn no -              |  |              |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED |  |                |  | chr -          |  | -          |  |                                                                                       |  |                                                                                       |  | rel level Preliminary |  |              |  |
| ASME Y14.5                            |  |                |  | appr -         |  | -          |  | product family                                                                        |  | AIRMAX VS2                                                                            |  | rel level Preliminary |  |              |  |
| surface -                             |  | linear         |  | Amphenol FCI   |  | title      |  | AIRMAX VERTICAL HEADER<br>PRESS-FIT, 5-PAIR, 90 POS, W/G                              |  |                                                                                       |  | dwg no 10135305       |  | rev 1        |  |
|                                       |  | 0.X ±0.3       |  |                |  |            |  |                                                                                       |  |                                                                                       |  |                       |  |              |  |
| ASME Y14.5                            |  | 0.XX ±0.15     |  | Amphenol FCI   |  | title      |  | AIRMAX VERTICAL HEADER<br>PRESS-FIT, 5-PAIR, 90 POS, W/G                              |  |                                                                                       |  | dwg no 10135305       |  | rev 1        |  |
|                                       |  | 0.XXX ±0.050   |  |                |  |            |  |                                                                                       |  |                                                                                       |  |                       |  |              |  |
|                                       |  | angular 0° ±2° |  |                |  | cat. no.   |  | -                                                                                     |  | Product - Customer Drw                                                                |  |                       |  | sheet 1 of 4 |  |

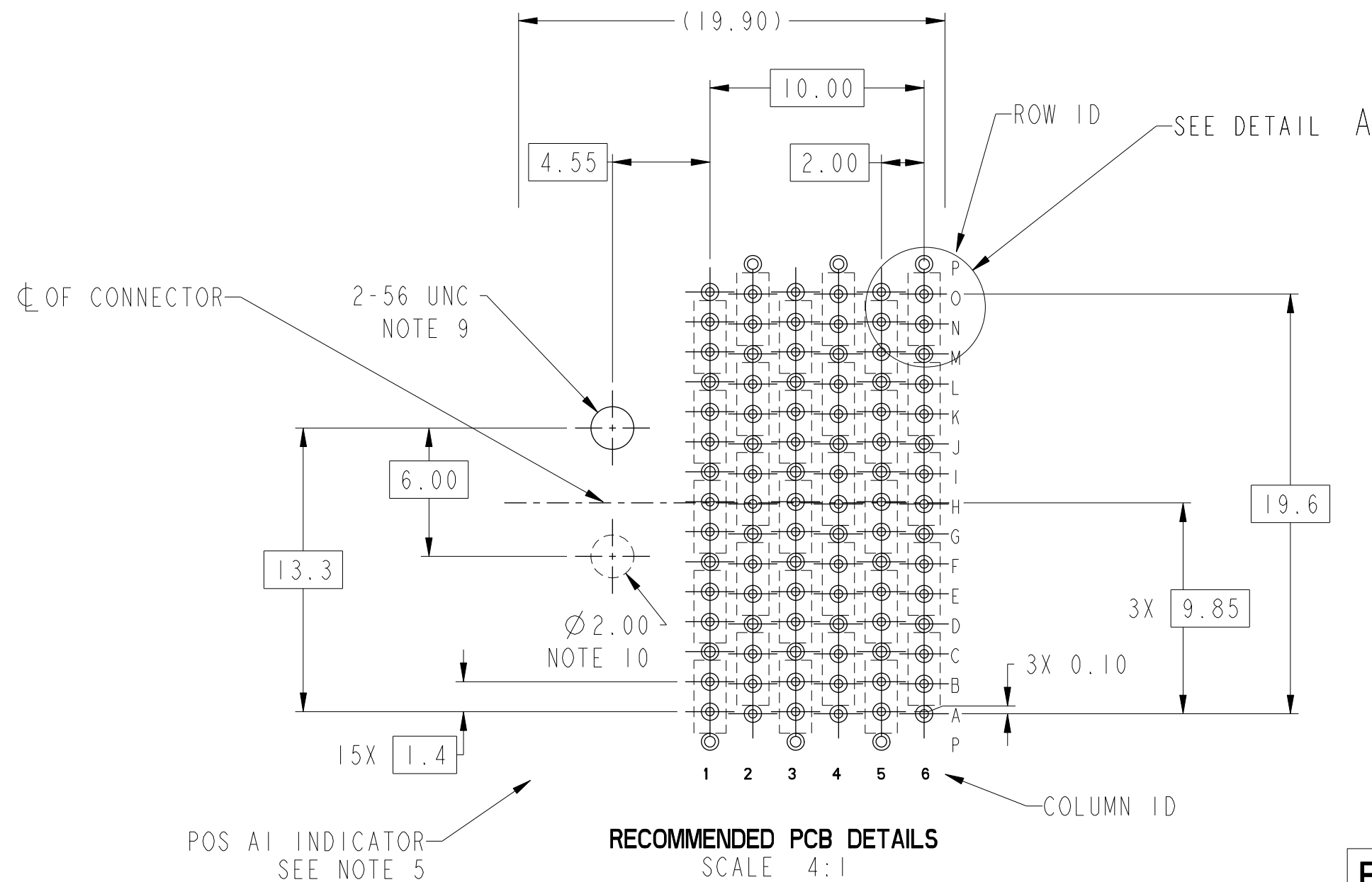
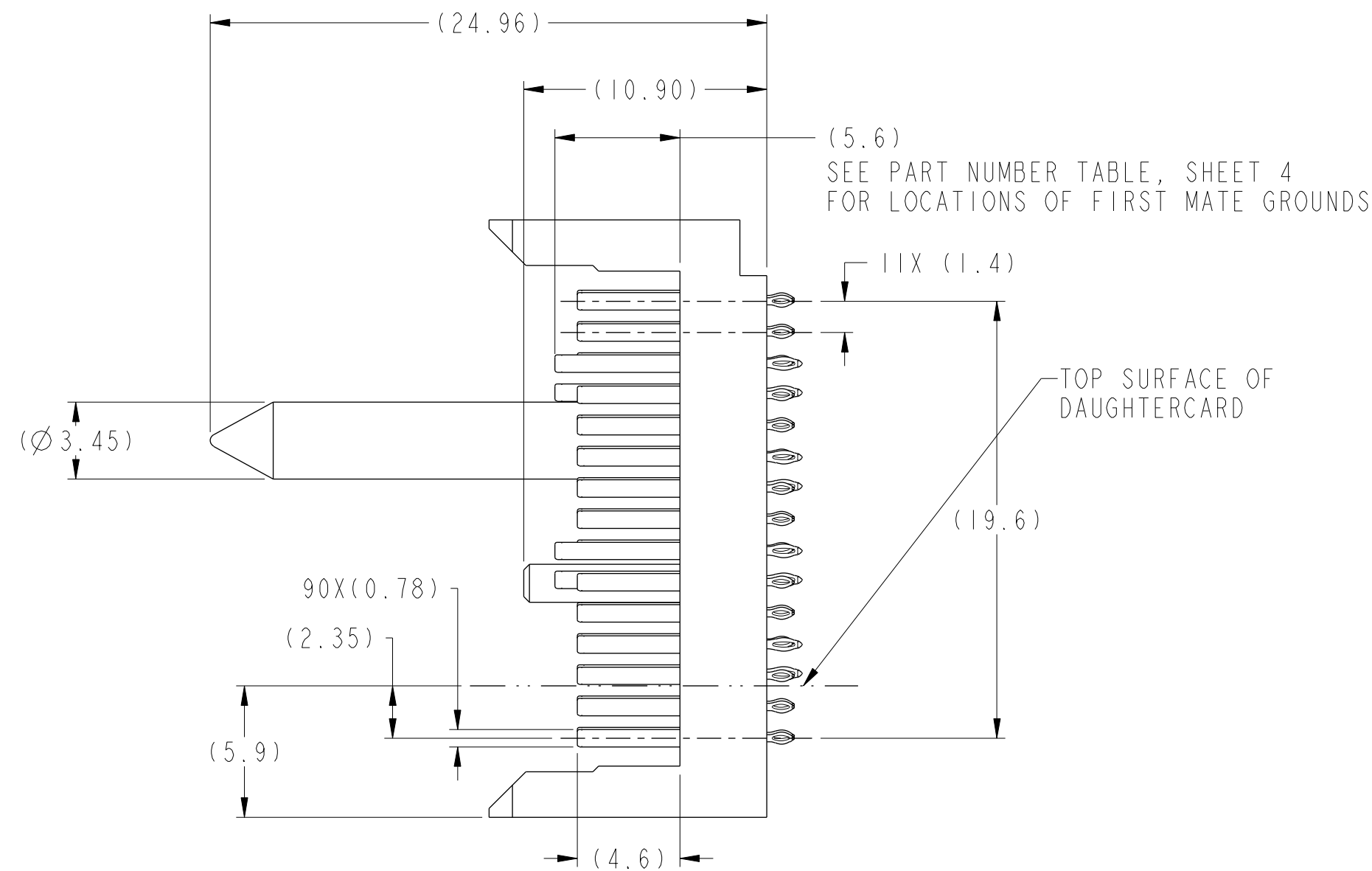
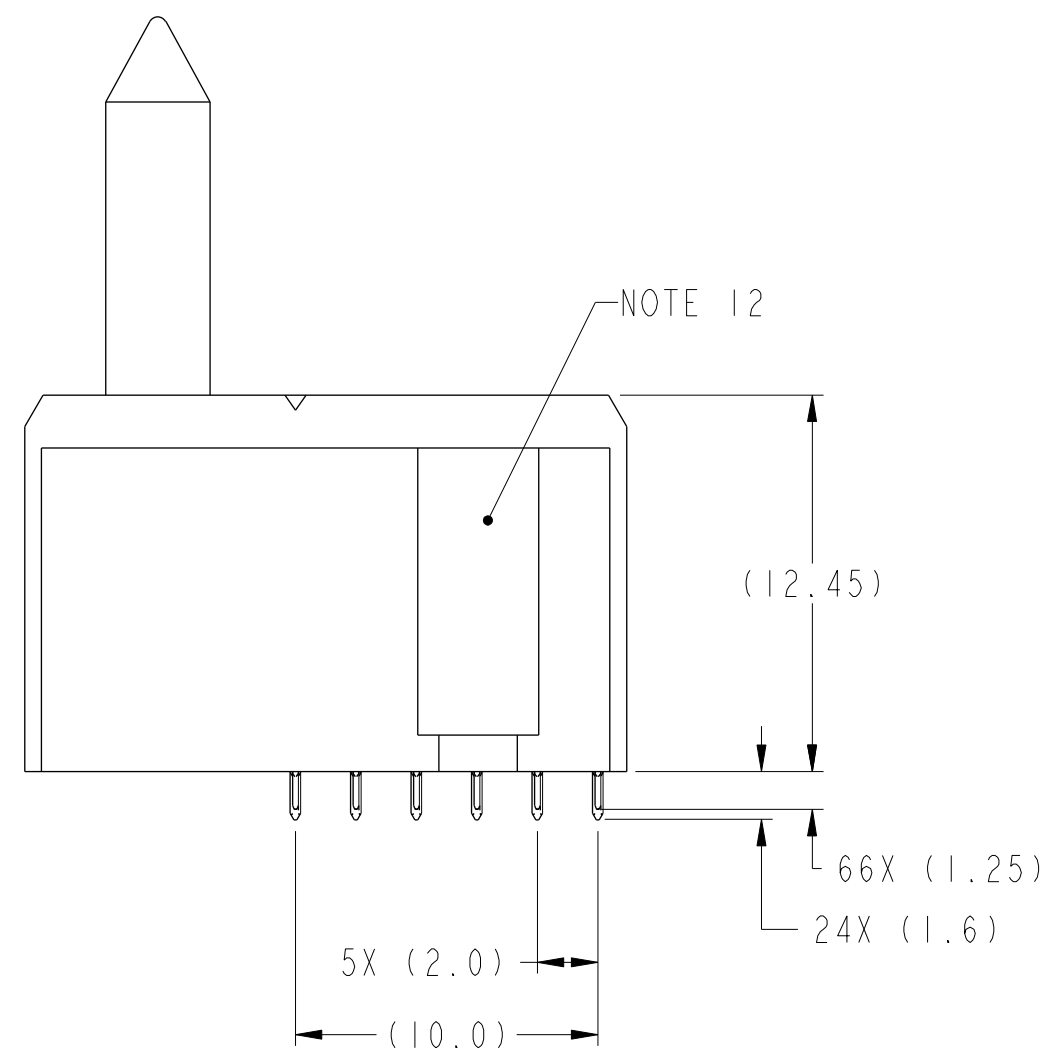
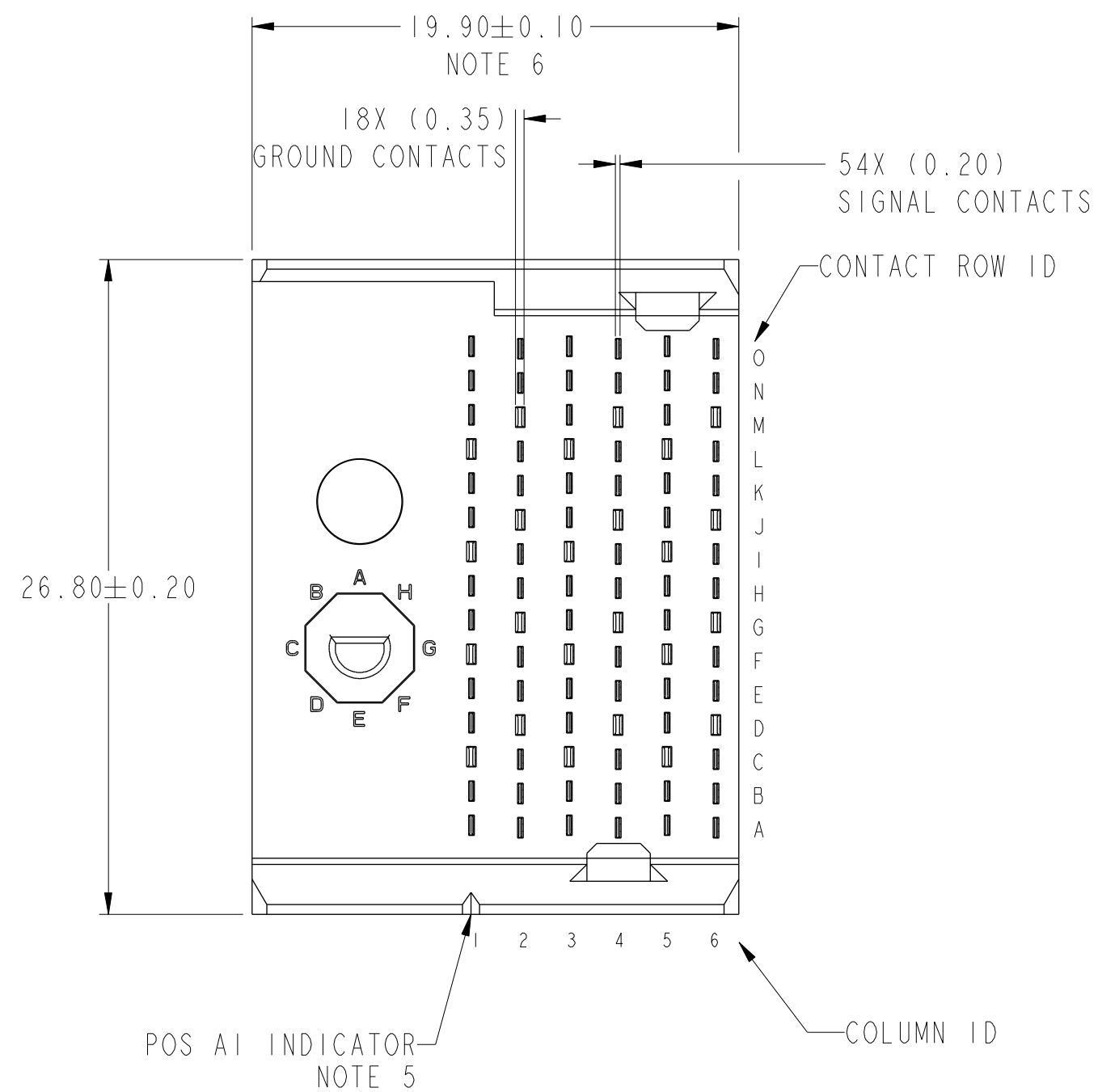
RIGHT POLARIZING WITH GUIDE



RECOMMENDED PCB DETAILS  
SCALE 4:1

|               |  |                                       |  |                |  |                                                          |  |                                                                                       |  |                                                                                       |  |              |  |             |  |     |  |
|---------------|--|---------------------------------------|--|----------------|--|----------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|--------------|--|-------------|--|-----|--|
| spec ref      |  | -                                     |  | dr Jackie Chen |  | 2015/05/26                                               |  | projection                                                                            |  | MM                                                                                    |  | size A2      |  | scale 4:1   |  |     |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng Tao Zhan   |  | 2016/03/14                                               |  |  |  |  |  | ecn no       |  | -           |  |     |  |
| ASME Y14.5    |  |                                       |  | -              |  | -                                                        |  |                                                                                       |  |                                                                                       |  | rel level    |  | Preliminary |  |     |  |
| -             |  |                                       |  | appr           |  |                                                          |  | product family                                                                        |  | AIRMAX VS2                                                                            |  |              |  |             |  |     |  |
| surface       |  | linear                                |  | Amphenol FCI   |  | AIRMAX VERTICAL HEADER<br>PRESS-FIT, 5-PAIR, 90 POS, W/G |  |                                                                                       |  |                                                                                       |  | dwg no       |  | 10135305    |  | rev |  |
|               |  | 0.X ±0.3                              |  |                |  |                                                          |  |                                                                                       |  |                                                                                       |  |              |  |             |  |     |  |
|               |  | 0.XX ±0.15                            |  |                |  |                                                          |  |                                                                                       |  |                                                                                       |  |              |  |             |  |     |  |
| ASME Y14.5    |  | angular                               |  | 0° ±0.050      |  | 2°                                                       |  |                                                                                       |  |                                                                                       |  |              |  |             |  | 1   |  |
|               |  |                                       |  | cat. no.       |  | -                                                        |  | Product                                                                               |  | Customer Drw                                                                          |  | sheet 2 of 4 |  |             |  |     |  |

LEFT POLARIZING WITH GUIDE

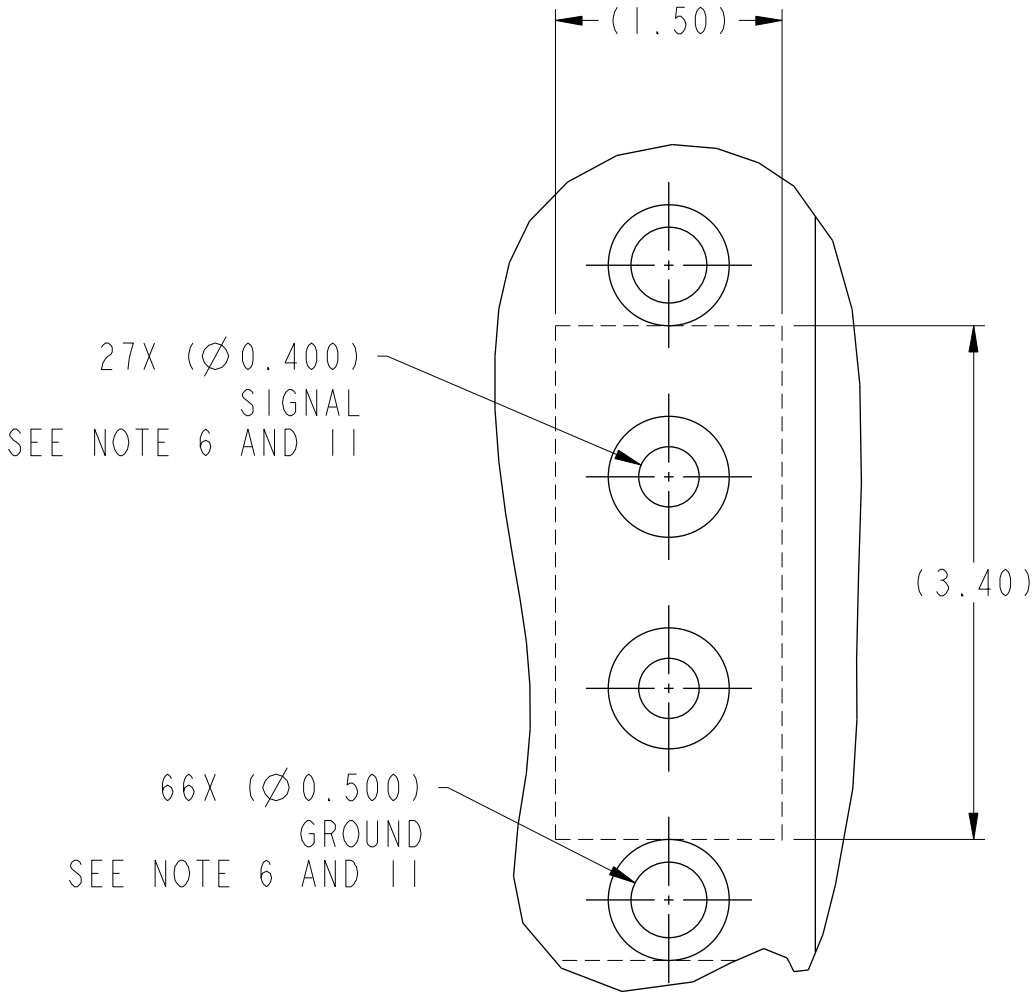


|                                                                    |            |      |             |            |                |            |             |          |           |               |
|--------------------------------------------------------------------|------------|------|-------------|------------|----------------|------------|-------------|----------|-----------|---------------|
| spec ref                                                           | -          | dr   | Jackie Chen | 2015/05/26 | projection     | MM         | size        | A2       | scale     | 5:1           |
| tolerance std                                                      | ASME Y14.5 | eng  | Tao Zhan    | 2016/03/14 | chr            | -          | ecn no      | -        | rel level | Preliminary   |
| surface                                                            | -          | appr | -           | -          | product family | AIRMAX VS2 | dwg no      | 10135305 | rev       | 1             |
| ASME Y14.5                                                         | linear     | 0.X  | $\pm 0.3$   | 0.XX       | $\pm 0.15$     | 0.XXX      | $\pm 0.050$ | angular  | $0^\circ$ | $\pm 2^\circ$ |
| Amphenol FCI AIRMAX VERTICAL HEADER PRESS-FIT, 5-PAIR, 90 POS, W/G |            |      |             |            |                |            |             |          |           |               |
| cat. no. - Product - Customer Drw sheet 3 of 4                     |            |      |             |            |                |            |             |          |           |               |

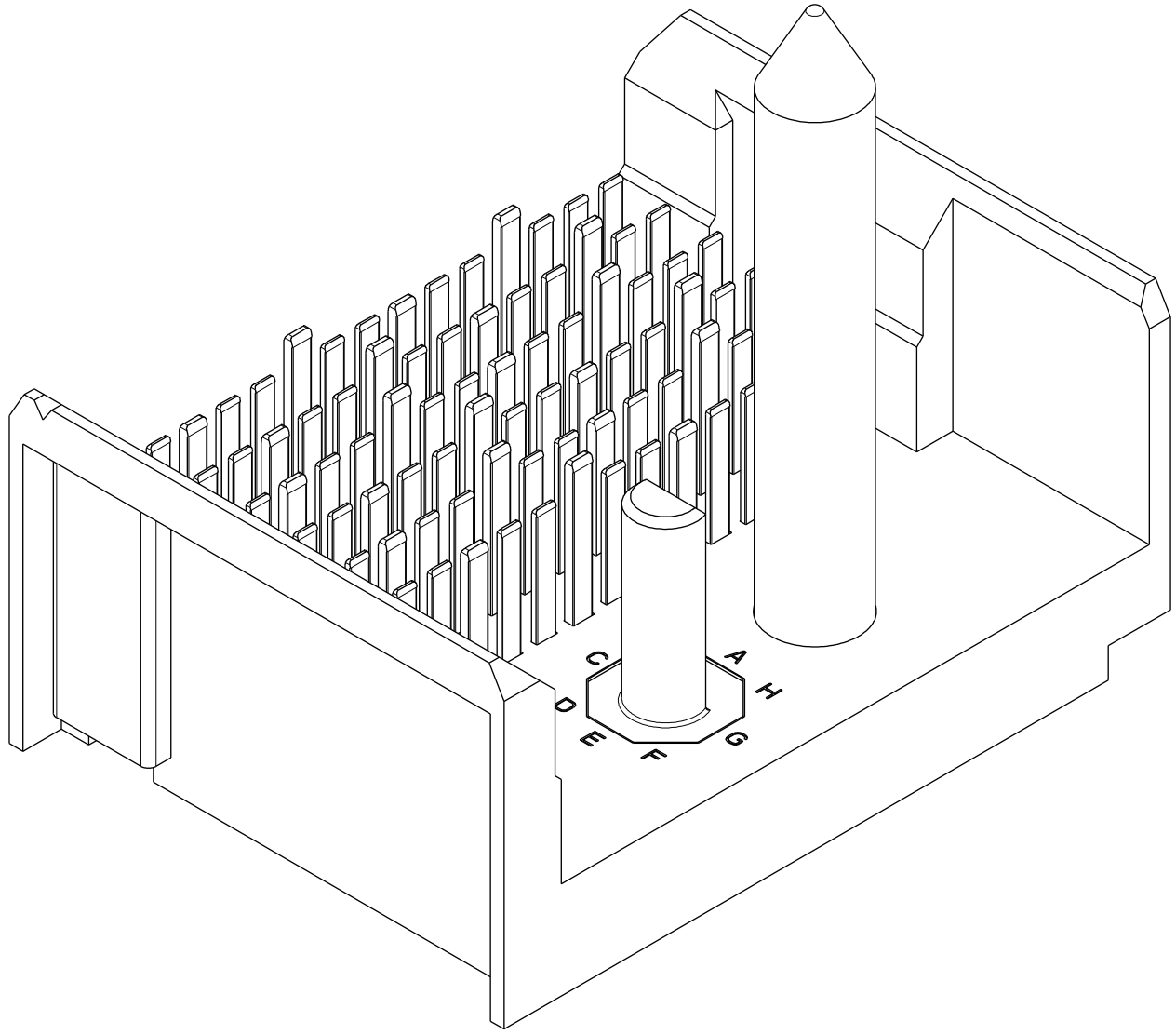
| 1              | 2                           | 3                                                    |
|----------------|-----------------------------|------------------------------------------------------|
| PART NUMBER    | PRESS-FIT TAIL PLATING TYPE | FIRST MATE PIN LOCATIONS                             |
| 10135305-10*LF | TIN OVER NICKEL (LEAD FREE) | F1, F3, F5<br>G2, G4, G6<br>L1, L3, L5<br>M2, M4, M6 |

NOTES:

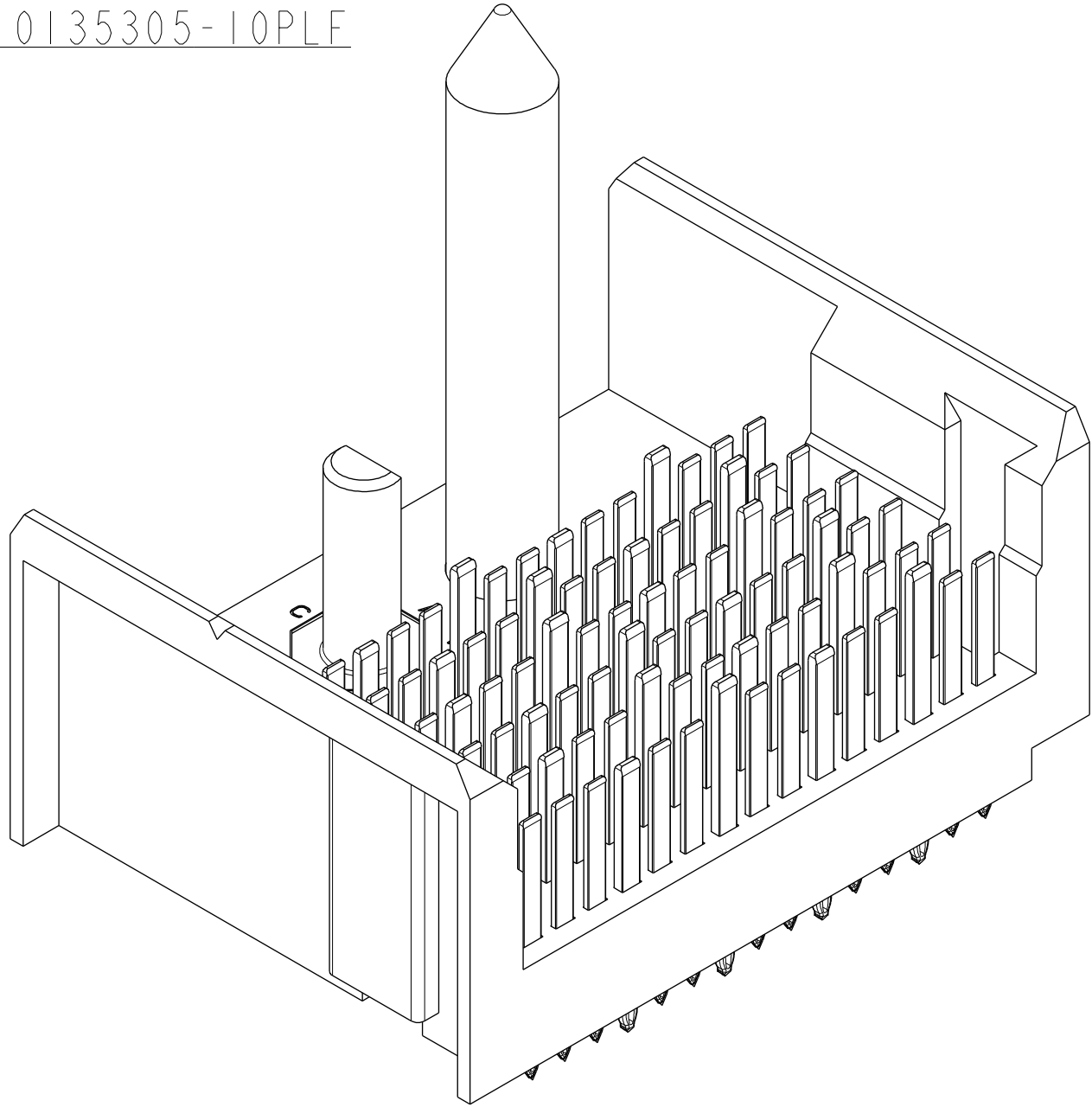
1. CONNECTOR MATERIALS:  
HOUSING: HIGH TEMP THERMOPLASTIC, BLACK, UL94V-0  
CONTACT: COPPER ALLOY
2. CONTACT PLATING:  
SEPARABLE INTERFACE: PERFORMANCE-BASED PLATING, QUALIFIED TO MEET THE REQUIREMENTS OF FCI PRODUCT SPECIFICATION GS-12-0956 INCLUDING TELCORDIA GR-1217-CORE (NOVEMBER 1995) CENTRAL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



DETAIL A  
SCALE 20:1



10135305-10PLF



10135305-10ALF

PRELIMINARY

|               |            |        |             |            |                 |            |                                                          |              |          |     |
|---------------|------------|--------|-------------|------------|-----------------|------------|----------------------------------------------------------|--------------|----------|-----|
| spec ref      | -          | dr     | Jackie Chen | 2015/05/26 | projection      | MM         | size                                                     | A2           | scale    | 5:1 |
| tolerance std | ASME Y14.5 | eng    | Tao Zhan    | 2016/03/14 | chr             | -          | ecn no                                                   | -            |          |     |
|               |            | appr   | -           | -          | product family  | AIRMAX VS2 | rel level                                                | Preliminary  |          |     |
| surface       | -          | linear | 0.X         | ±0.3       | Amphenol<br>FCi | title      | AIRMAX VERTICAL HEADER<br>PRESS-FIT, 5-PAIR, 90 POS, W/G | dwg no       | 10135305 | rev |
|               |            |        | 0.XX        | ±0.15      |                 |            |                                                          |              |          |     |
|               |            |        | 0.XXX       | ±0.050     |                 |            |                                                          |              |          |     |
| ASME Y14.5    | angular    | 0°     | ±2°         |            | cat. no.        | -          | Product - Customer Drw                                   | sheet 4 of 4 |          |     |