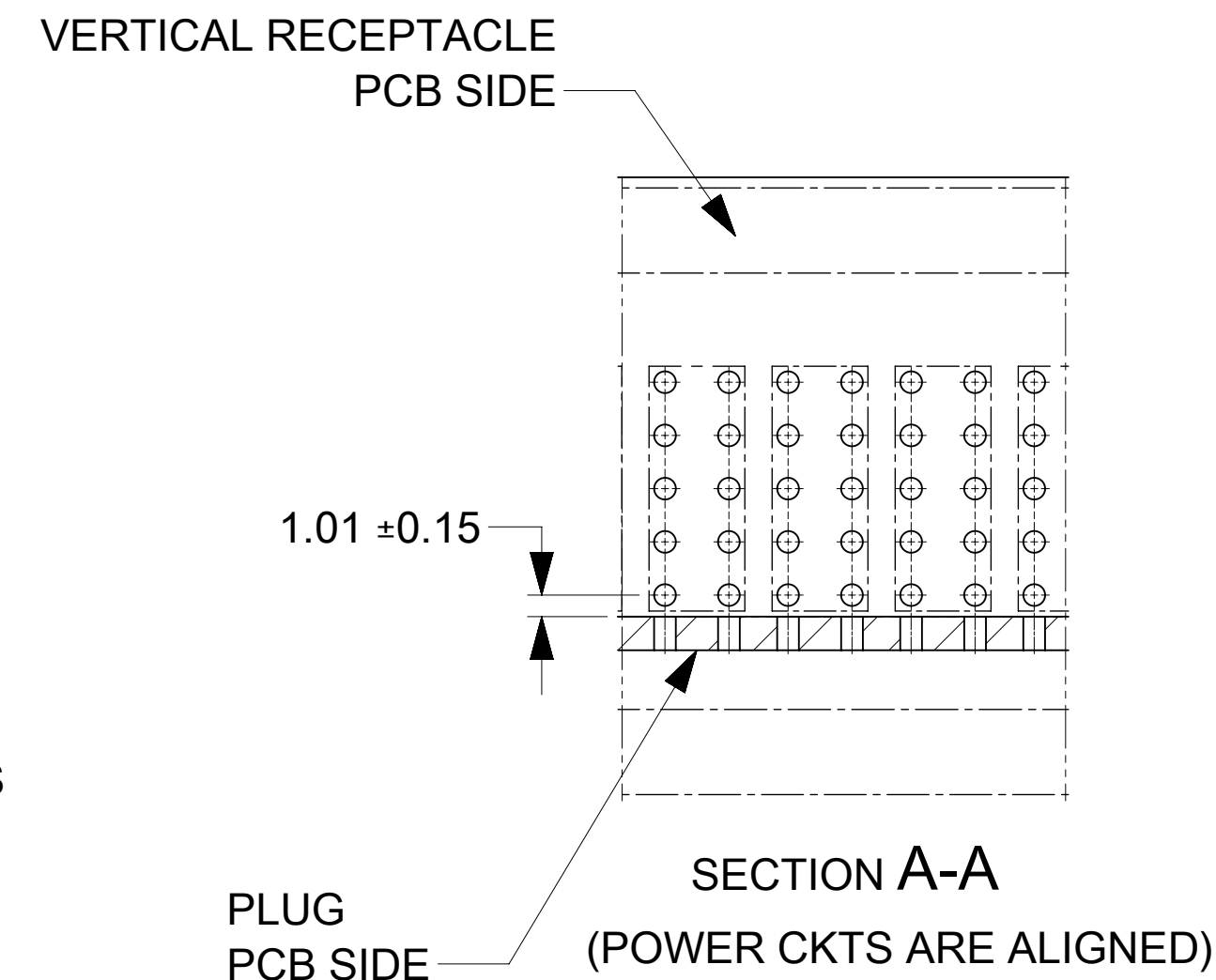
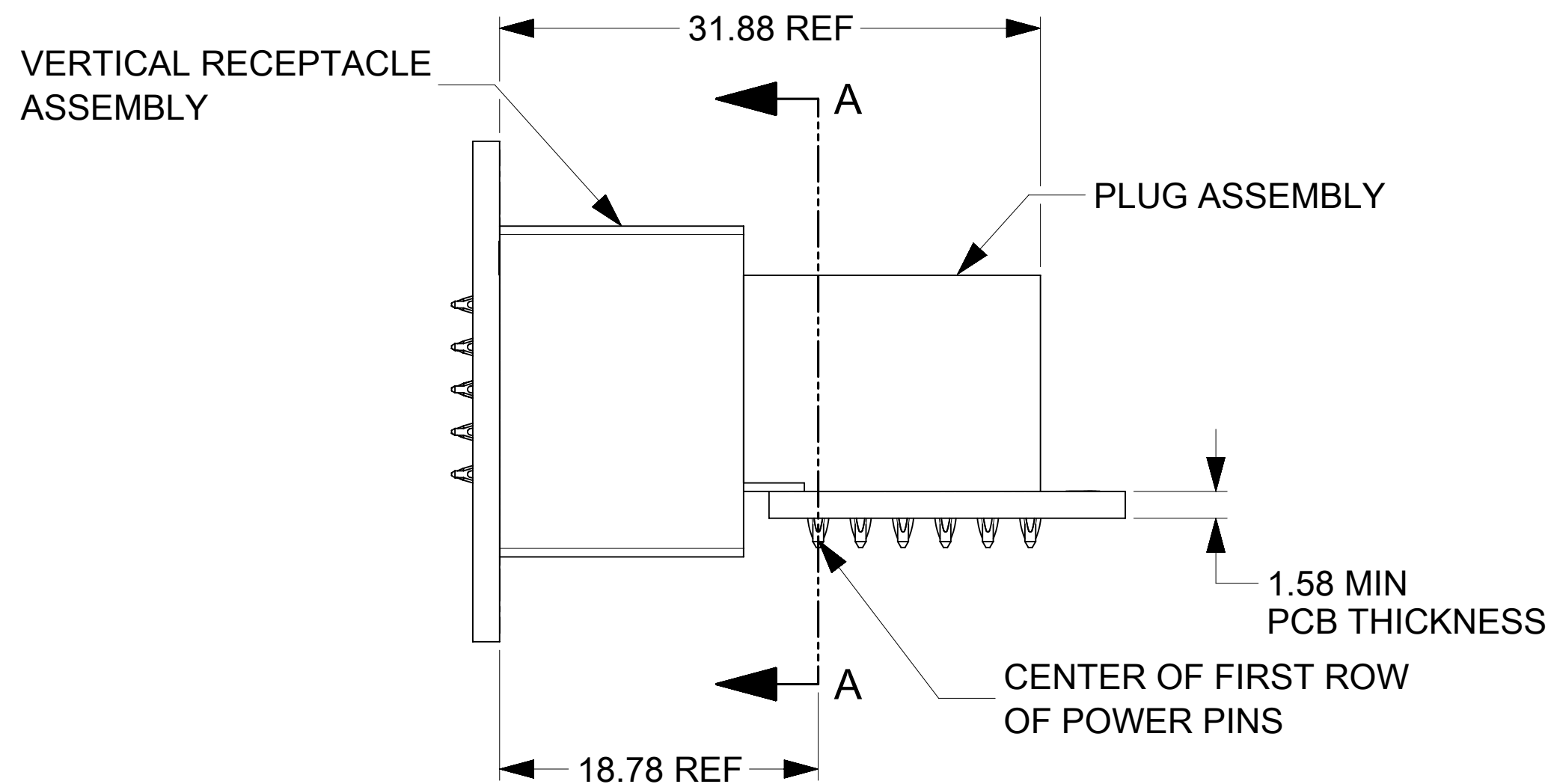
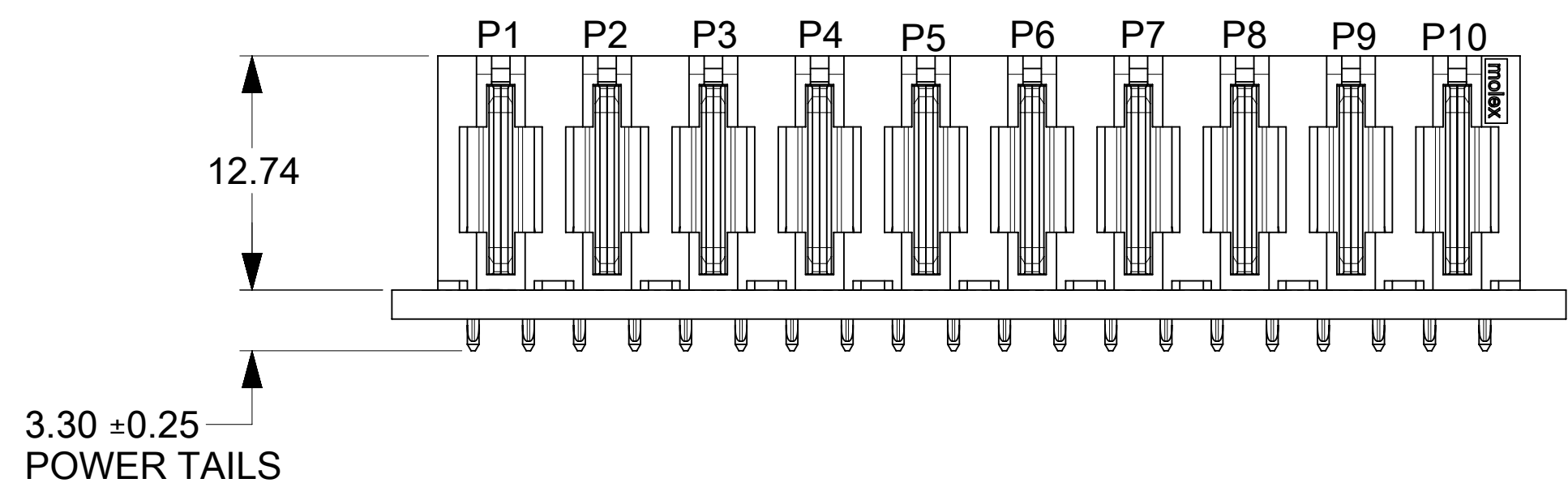




- NOTES:
1. MATERIAL:
    - HOUSINGS: LCP UL94, V-0, COLOR : BLACK
    - TERMINALS: HIGH CONDUCTIVITY COPPER ALLOY
    - PLATING: 1.27  $\mu\text{m}$  (50  $\mu\text{in}$ ) NICKEL OVERALL WITH
      - 2.54  $\mu\text{m}$  (100  $\mu\text{in}$ ) SELECTIVE TIN ON TAILS AND
      - 0.762  $\mu\text{m}$  (30  $\mu\text{in}$ ) SELECTIVE GOLD ON CONTACT AREA
  2. PACKAGING: ASSEMBLIES TO BE TRAY PACKED PER PACKAGING SPEC: 2141130010-PK.
  3. PLATED THRU HOLE SIZE, REFER TO PRODUCT SPEC. FOR DETAILS.
  4. PRODUCT SPEC: 2141130000-PS.
  5. PRODUCT TO MEET RoHS REQUIREMENTS.
  6. PLUG ASSEMBLY MATES TO MOLEX RECEPTACLES 219563XXXX-SD AND 219564XXXX-SD,  
SEE DRAWINGS FOR DETAILS.
  7. TAIL DESIGN: COMPLIANT PIN.
  8. POWER TERMINALS ARE LUBRICATED.
  9. APPLICATION SPECIFICATION: 2141130000-AS (FOR COMPLIANT TAILS ONLY).

|                                                                                                                                               |  |        |  |                                                                                  |  |                   |                                                                                                     |                  |                 |                              |                |          |  |                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--|--------|--|----------------------------------------------------------------------------------|--|-------------------|-----------------------------------------------------------------------------------------------------|------------------|-----------------|------------------------------|----------------|----------|--|------------------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |        |  |                                                                                  |  |                   |                                                                                                     |                  |                 |                              |                |          |  |                        |  |
| DIMENSION UNITS                                                                                                                               |  | SCALE  |  | CURRENT REV DESC:                                                                |  |                   | <div>molex</div>                                                                                    |                  |                 |                              |                |          |  |                        |  |
| mm                                                                                                                                            |  | 3:1    |  |                                                                                  |  |                   |                                                                                                     |                  |                 |                              |                |          |  |                        |  |
| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                                                                                                      |  |        |  |                                                                                  |  |                   | GUARDIAN HD RA PLUG POWER ONLY<br>UNGUIDED PF                                                       |                  |                 |                              |                |          |  |                        |  |
| ANGULAR TOL ± °                                                                                                                               |  |        |  |                                                                                  |  |                   |                                                                                                     |                  |                 |                              |                |          |  |                        |  |
| 4 PLACES                                                                                                                                      |  | ±      |  |                                                                                  |  |                   |                                                                                                     |                  |                 |                              |                |          |  |                        |  |
| 3 PLACES                                                                                                                                      |  | ±      |  |                                                                                  |  |                   | EC NO: 745288<br>DRWN: LZABJANOVSKI 2023/03/21<br>CHK'D: JAYK1 2023/04/10<br>APPR: JAYK1 2023/04/10 |                  |                 | PRODUCT CUSTOMER DRAWING     |                |          |  |                        |  |
| 2 PLACES                                                                                                                                      |  | ± 0.25 |  |                                                                                  |  |                   |                                                                                                     |                  |                 |                              |                |          |  |                        |  |
| 1 PLACE                                                                                                                                       |  | ± 0.3  |  |                                                                                  |  |                   |                                                                                                     |                  |                 |                              |                |          |  |                        |  |
| 0 PLACES                                                                                                                                      |  | ±      |  | INITIAL REVISION:<br>DRWN: LZABJANOVSKI 2022/03/29<br>APPR: BPISZCZOR 2022/08/04 |  |                   | DOCUMENT NUMBER<br>2195629003-SD                                                                    |                  | DOC TYPE<br>PSD | DOC PART<br>000              | REVISION<br>A1 |          |  |                        |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |  |        |  | THIRD ANGLE PROJECTION                                                           |  | DRAWING<br>D-SIZE |                                                                                                     | SERIES<br>219562 |                 | MATERIAL NUMBER<br>SEE CHART |                | CUSTOMER |  | SHEET NUMBER<br>1 OF 2 |  |

|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2023/04/11 | 17:04:40 |
|-----------------|----|--------------|------------|----------|

