

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH ϕ |
|-----------------|--------------|----------------|-------------|---------|-----------------|
| 76560-*1** | 10 | 60 | 26.60 | 17.10 | 0.46 \pm 0.05 |
| 76560-*7** | 14 | 84 | 34.20 | 24.70 | 0.46 \pm 0.05 |
| 76560-*6** | 16 | 96 | 38.00 | 28.50 | 0.46 \pm 0.05 |
| 76560-*1** | 10 | 60 | 26.60 | 17.10 | 0.39 \pm 0.05 |
| 76560-*7** | 14 | 84 | 34.20 | 24.70 | 0.39 \pm 0.05 |
| 76560-*6** | 16 | 96 | 38.00 | 28.50 | 0.39 \pm 0.05 |

76560-****

MODULE TYPE
 3 = GUIDED, LEAD-FREE
 7 = GUIDED, LEAD-FREE W/ENDWALL

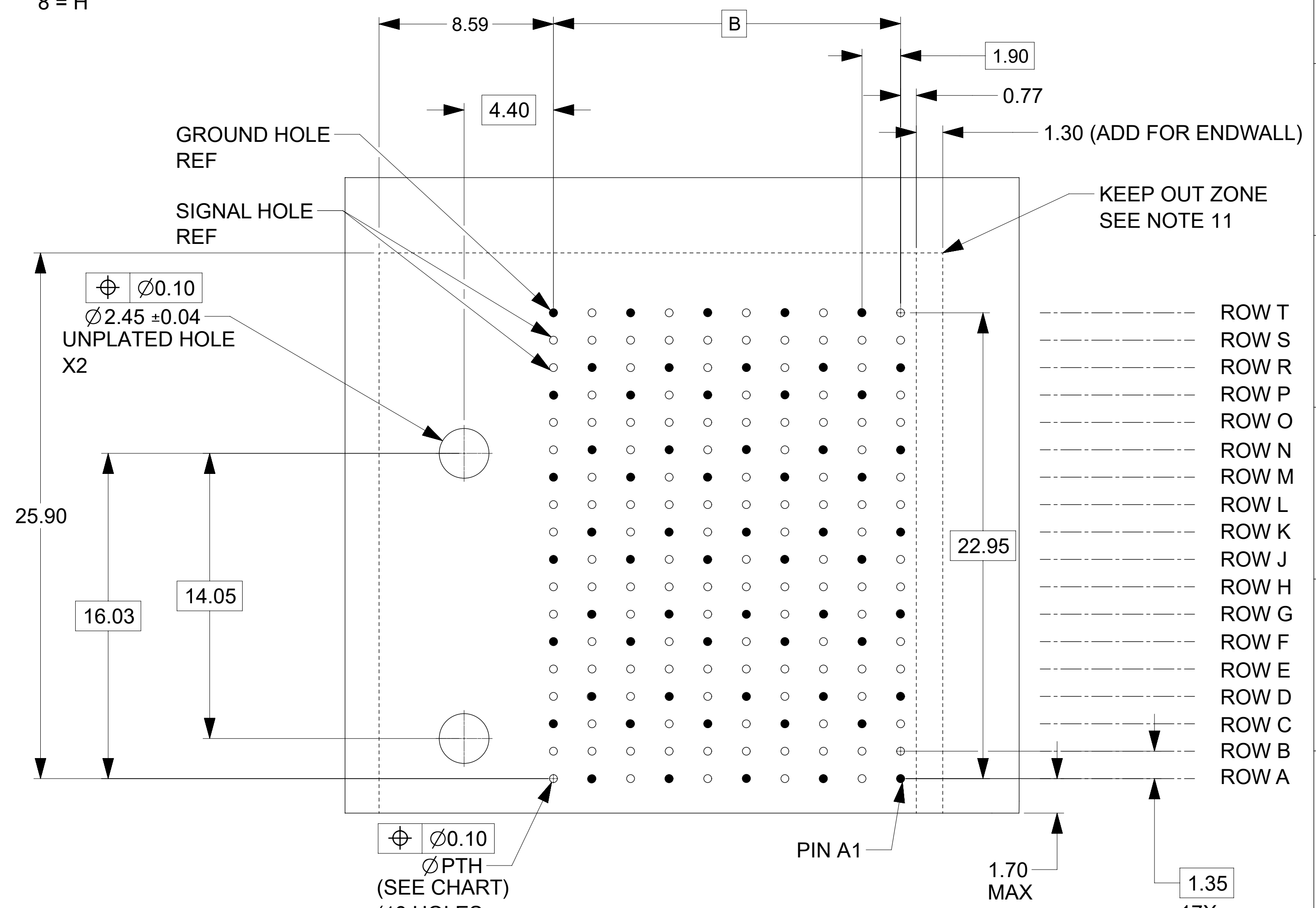
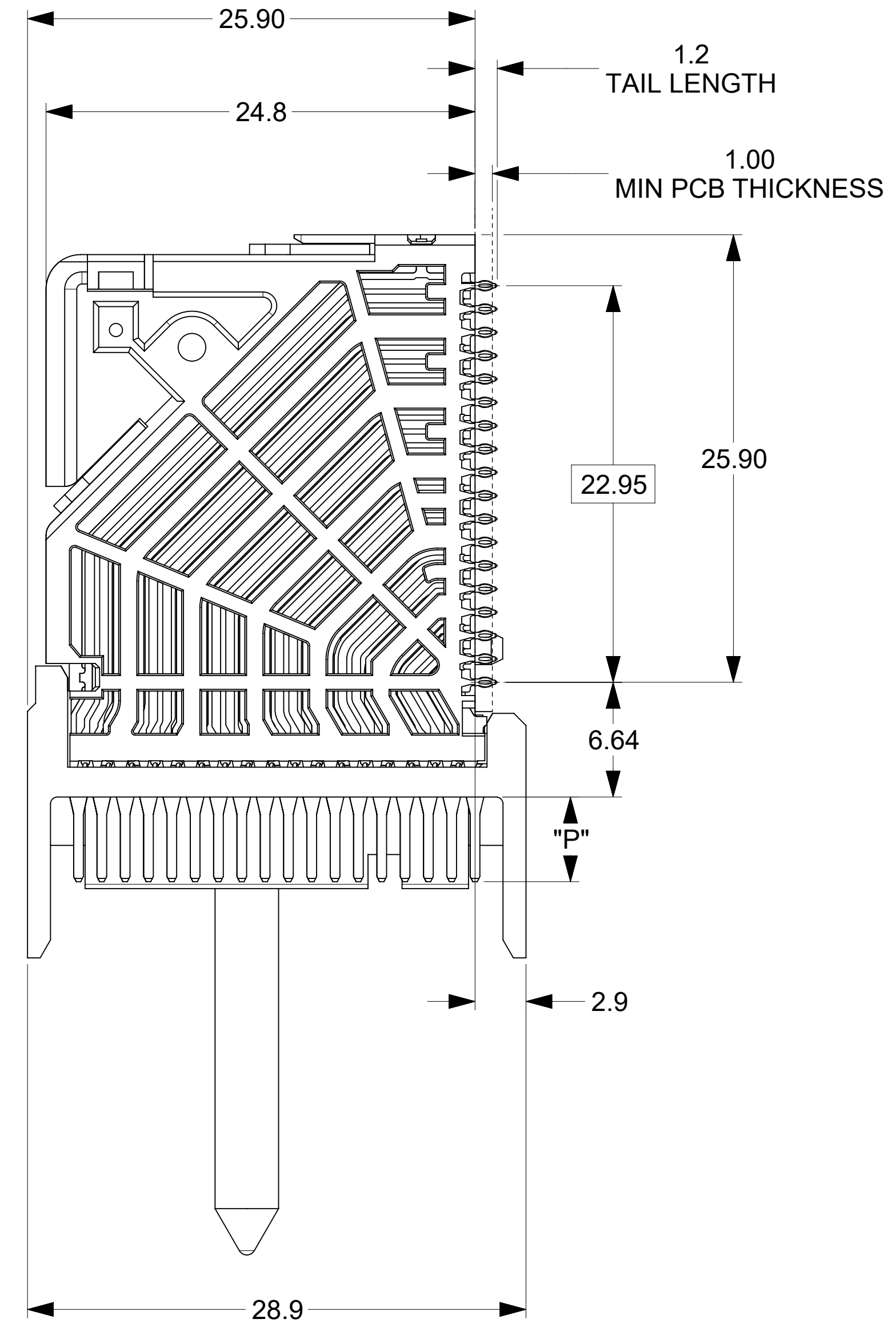
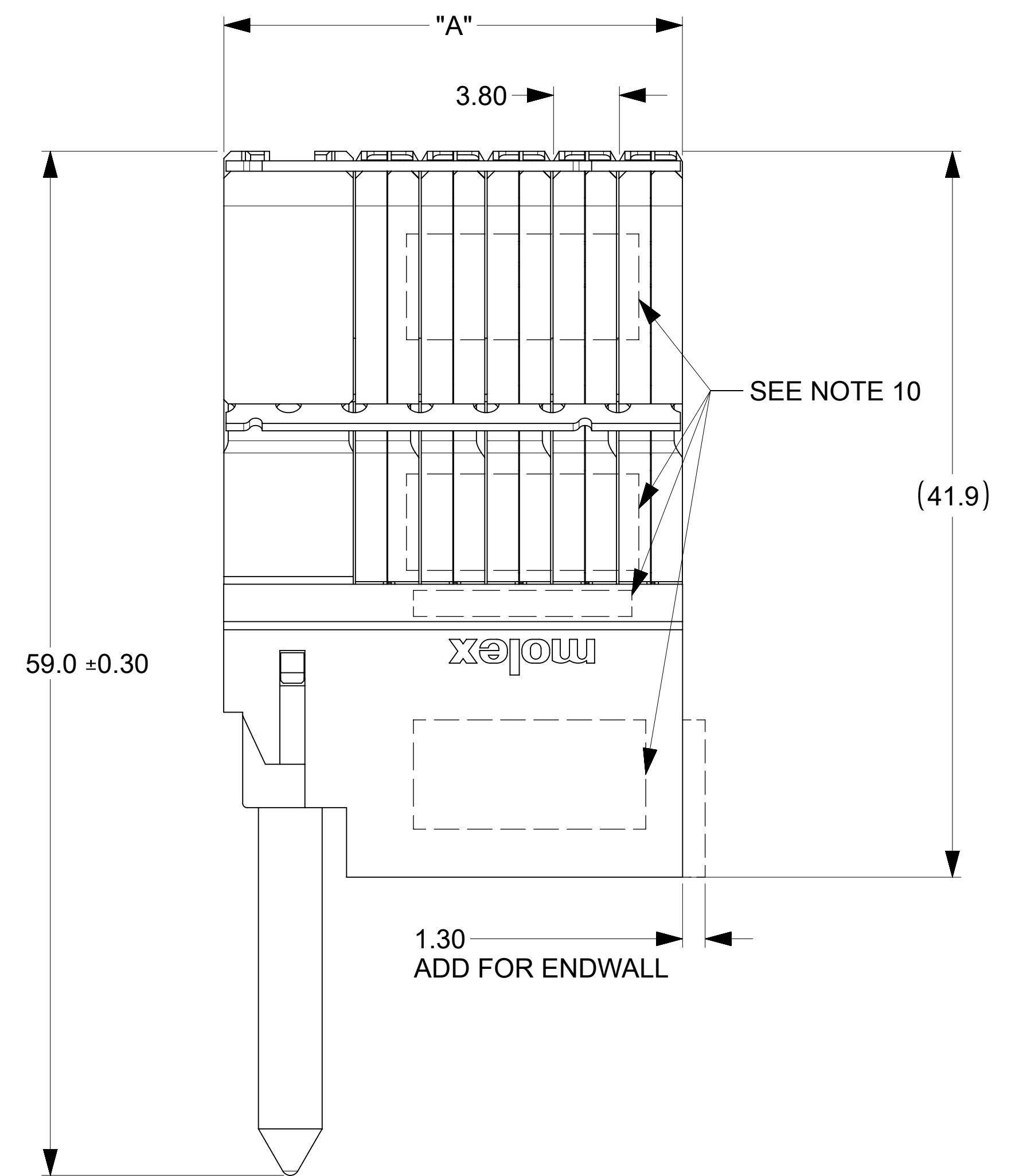
OF COLUMNS
 1 = 10 COLUMNS
 6 = 16 COLUMNS
 7 = 14 COLUMNS

PIN LENGTH (P)
 4 = 4.90 (0.46 PTH)
 5 = 5.50 (0.46 PTH)
 7 = 4.90 (0.39 PTH)
 8 = 5.50 (0.39 PTH)

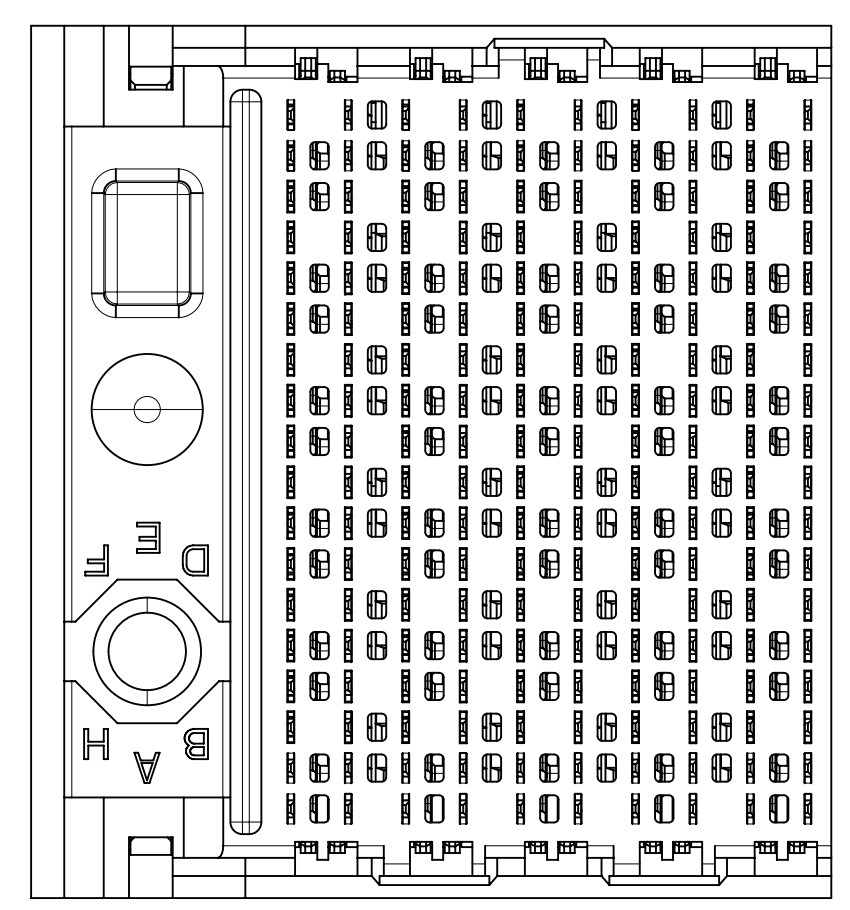
KEY ORIENTATION
 0 = NO KEY
 1 = A
 2 = B
 3 = C
 4 = D
 5 = E
 6 = F
 7 = G
 8 = H

NOTES:

1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
 TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30 μ m SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999 FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-777.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-76150-004 FOR THE MATING RECEPTACLES.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
9. WHEN USING A MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50mm +/- 0.38 THREADABLE SCREW LENGTH) THE MAXIMUM BOARD THICKNESS IS 4.4MM.
10. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.
11. THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMODATE CONNECTOR INSERTION AND REPAIR ON THE PCB. THIS IS REFERRED TO AS THE "CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT THE ACTUAL PERIMETER OF THE CONNECTOR.



RAM HOLE PATTERN
(CONNECTOR SIDE)



| | | | |
|---|---------|------------------------------------|-----------------|
| 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: REMASTERED TO NX | |
| mm | NTS | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| ANGULAR TOL | ± 0.5° | | |
| 4 PLACES | ± | EC NO: 705090 | 2021/12/07 |
| 3 PLACES | ± | DRWN: YOGEEB | 2022/01/31 |
| 2 PLACES | ± 0.13 | CHK'D: DYARAS | 2022/05/13 |
| 1 PLACE | ± 0.25 | APPR: LZENG | |
| 0 PLACES | ± | INITIAL REVISION: | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | DRWN: JGONZALEZ01 | 2015/06/25 |
| | | APPR: TELO | 2016/01/10 |
| THIRD ANGLE PROJECTION | DRAWING | SERIES | MATERIAL NUMBER |
| | D-SIZE | 76560 | SEE TABLE |
| | | CUSTOMER | SHEET NUMBER |
| | | GENERAL MARKET | 1 OF 2 |

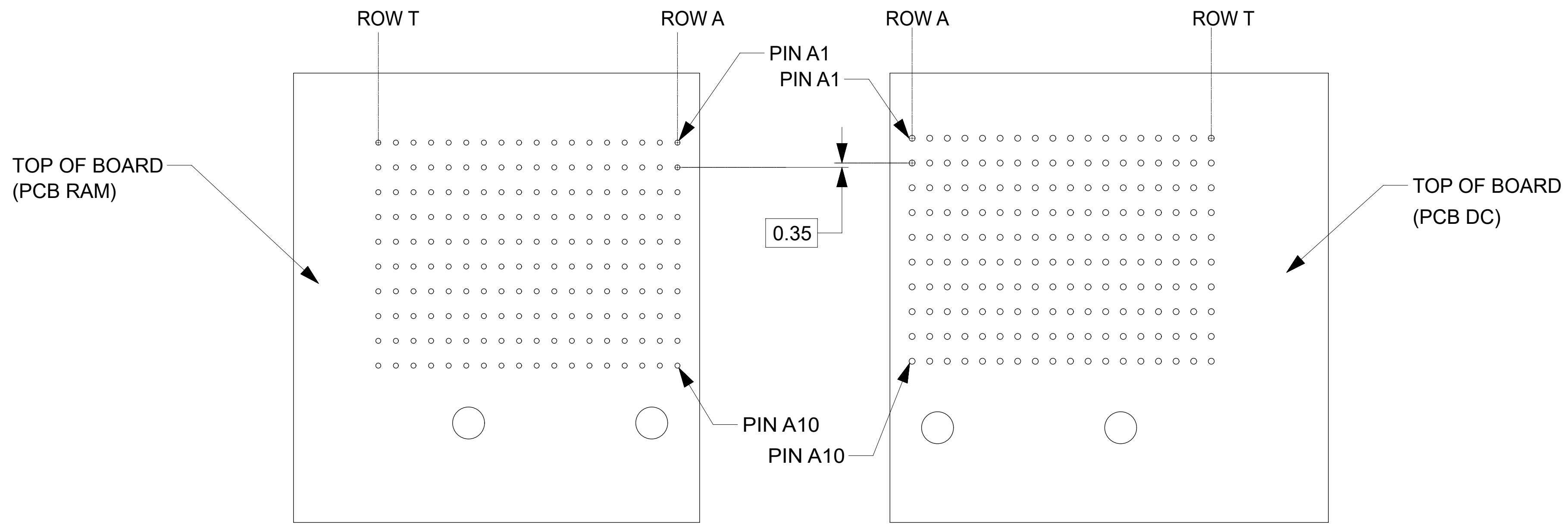
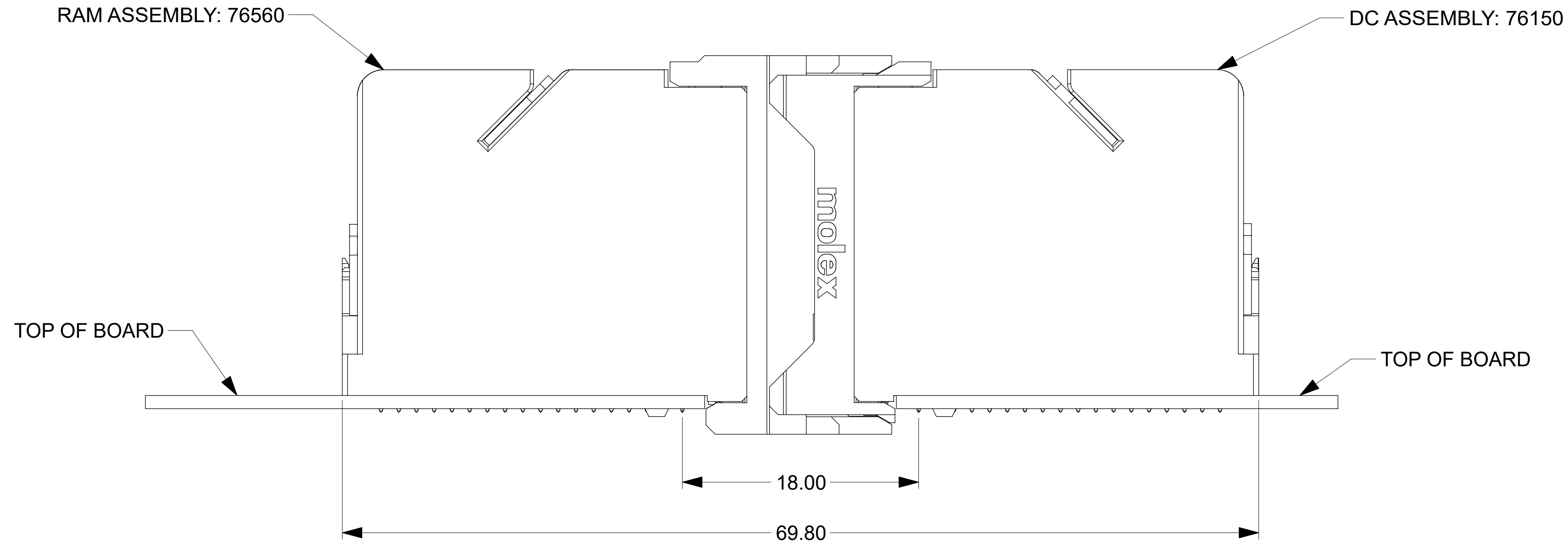
molex

IMPACT 6 PAIR RAM
 MARRIED GUIDE LEFT SALES DRAWING

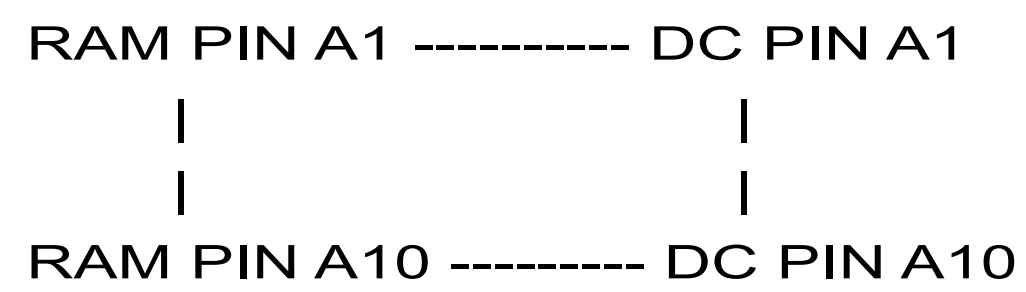
PRODUCT CUSTOMER DRAWING

| | | | |
|-----------------|----------|----------|----------|
| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
| SD-76560-9002 | PSD | 001 | A3 |

COPLANAR APPLICATION



COPLANAR MATED SIGNAL PATHS



| | | | | | | | | | | | |
|---|--|-------|--|--|--|--|--|--|--|--|--|
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| DIMENSION UNITS | | SCALE | | CURRENT REV DESC: REMASTERED TO NX | | | | | | | |
| mm | | NTS | | <p>molex</p> <p>IMPACT 6 PAIR RAM MARRIED GUIDE LEFT SALES DRAWING</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-76560-9002 DOC TYPE: PSD DOC PART: 001 REVISION: A3</p> <p>EC NO: 705090 DRWN: YOGEEB 2021/12/07 CHK'D: DYARAS 2022/01/31 APPR: LZENG 2022/05/13</p> <p>INITIAL REVISION: DRWN: JGONZALEZ01 2015/06/25 APPR: TELO 2016/01/10</p> <p>DRAFT WHERE APPLICABLE THIRD ANGLE PROJECTION DRAWING: D-SIZE SERIES: 76560 MATERIAL NUMBER: SEE TABLE CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 2</p> | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | | | | | | | | |
| ANGULAR TOL ± 0.5° | | | | | | | | | | | |
| 4 PLACES ± | | | | | | | | | | | |
| 3 PLACES ± | | | | | | | | | | | |
| 2 PLACES ± 0.13 | | | | | | | | | | | |
| 1 PLACE ± 0.25 | | | | | | | | | | | |
| 0 PLACES ± | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | | | | | | | | |