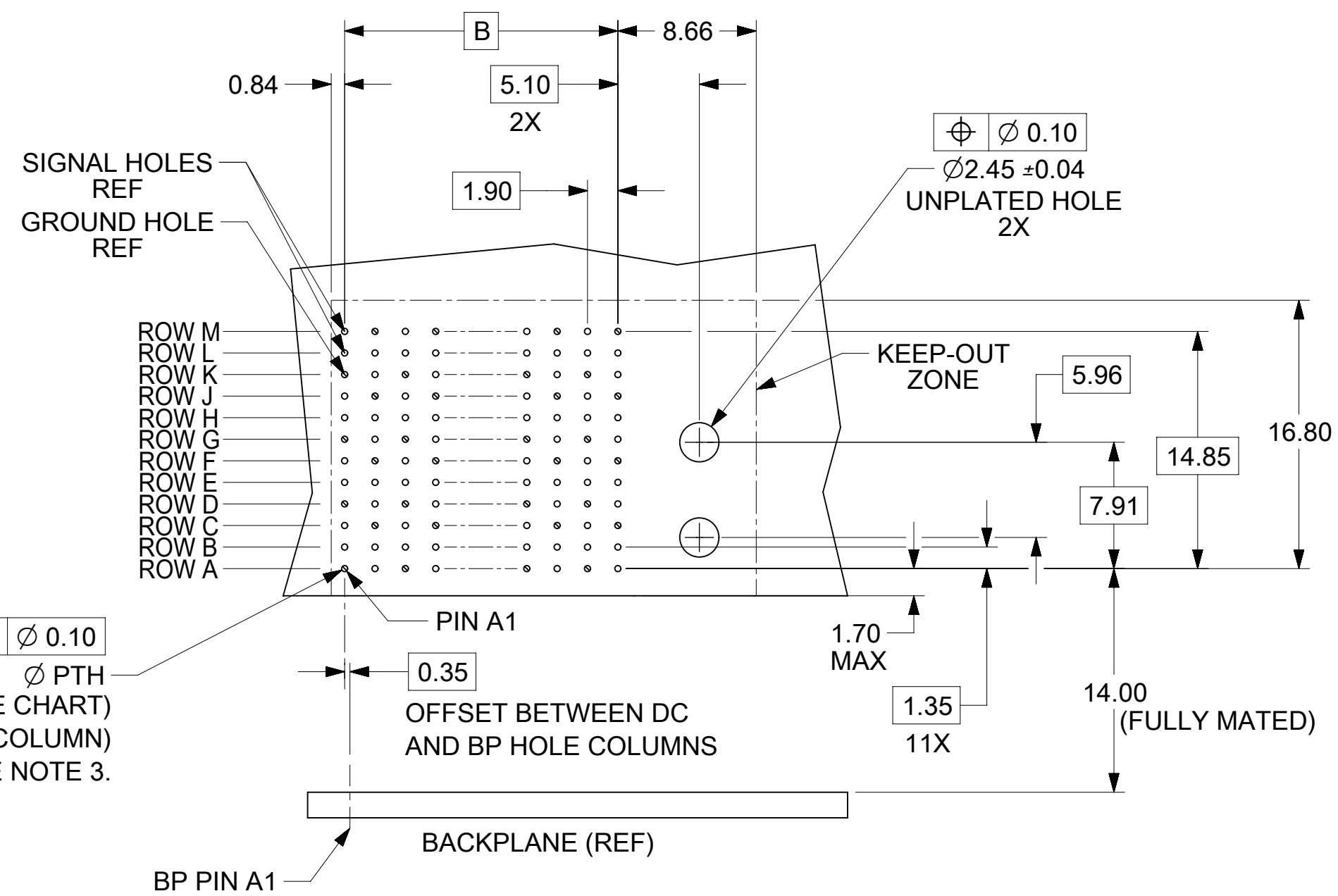
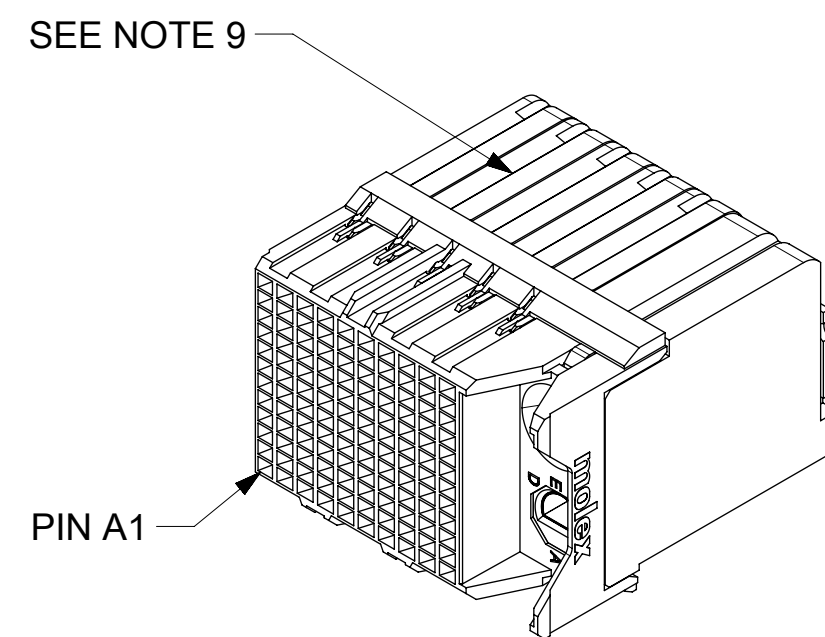
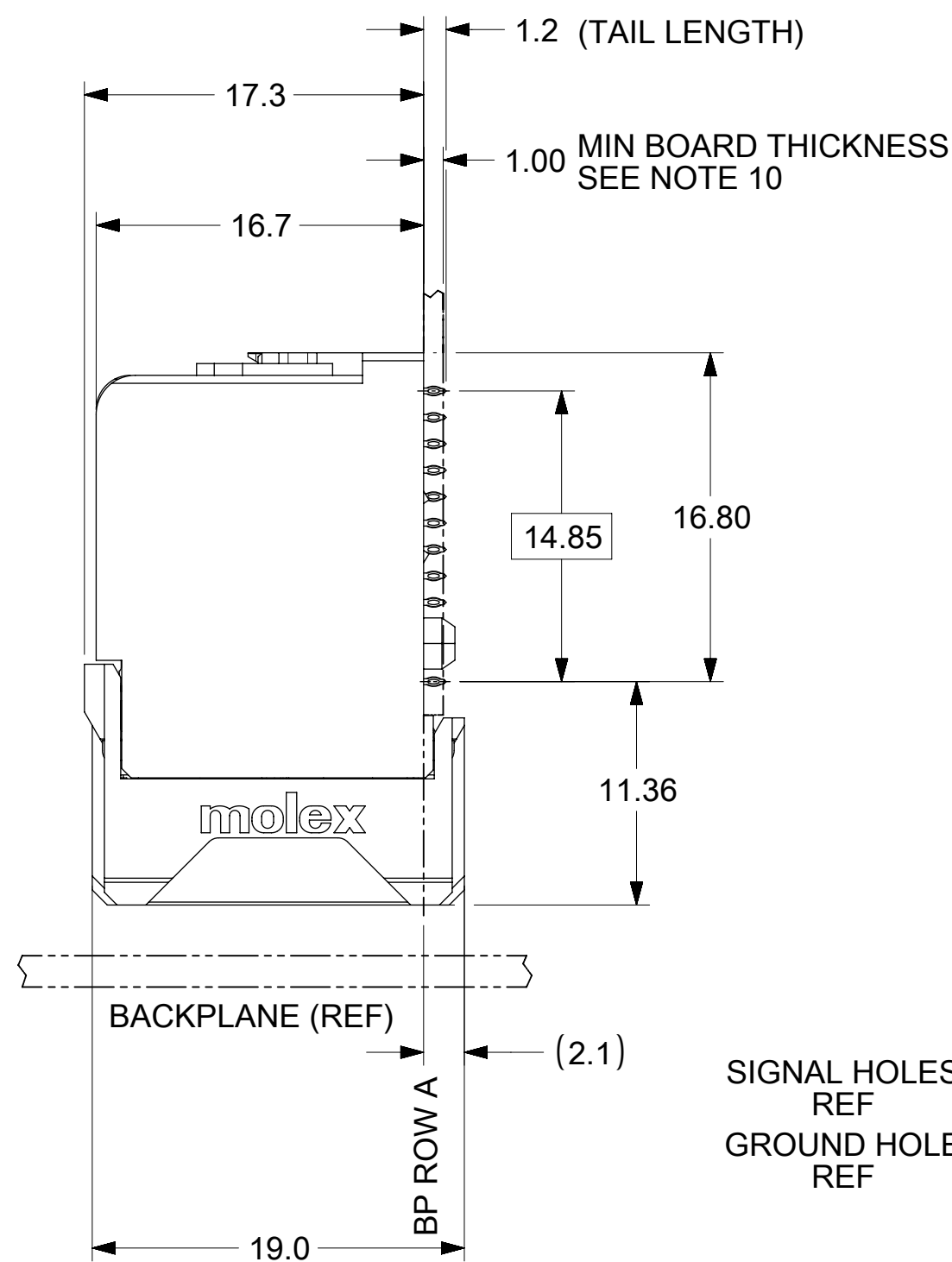


KEY SHOWN IN POSITION A



DAUGHTERCARD HOLE PATTERN (CONNECTOR SIDE)

- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0  
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
  2. FINISH: 30µIN MIN SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN ON PCB TAILS. NICKEL OVERALL.
  3. REFER TO MOLEX PRODUCT SPEC 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-70873-610.
  6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
  7. REFER TO MOLEX SALES DRAWING SD-76155-003 FOR THE MATING HEADERS AND SD-76500-002 FOR THE MATING RAM CONNECTORS
  8. REFER TO MOLEX PCB MOUNTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
  9. PART NUMBER 76160-5120 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE WITH COLUMN SIZE.
  10. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
  11. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-0000 (9.50mm ±0.38 THREADABLE SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 4.4mm.
  12. MARKING: LOCATED APPROXIMATELY AS SHOWN. PART NUMBER AND DATE CODE.

|   |  |                        |  |  |  |        |  |  |  |
|---|--|------------------------|--|--|--|--------|--|--|--|
| 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: MIGRATED TO NX   |  |        |  |  |  |
| mm  |  | NTS                    |  | <p>IMPACT 100 OHM DC<br/>4 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG</p> <p>PRODUCT CUSTOMER DRAWING</p> <p>DOCUMENT NUMBER: SD-76160-004    DOC TYPE: PSD    DOC PART: 001    REVISION: G4</p> <p>MATERIAL NUMBER: SEE CHART    CUSTOMER: GENERAL MARKET    SHEET NUMBER: 1 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 ±  |  |                        |  | INITIAL REVISION:  |  |        |  |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  | THIRD ANGLE PROJECTION |  | DRAWING  |  | SERIES |  |  |  |
|   |  |                        |  | C-SIZE   |  | 76160  |  |  |  |

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH $\phi$         |
|-----------------|--------------|----------------|-------------|---------|--------------------|
| 76160-**06      | 6            | 24             | 19.00       | 9.50    | 0.46<br>$\pm 0.04$ |
| 76160-**08      | 8            | 32             | 22.80       | 13.30   |                    |
| 76160-**10      | 10           | 40             | 26.60       | 17.10   |                    |
| 76160-**16      | 16           | 64             | 38.00       | 28.50   |                    |
| 76160-**06      | 6            | 24             | 19.00       | 9.50    | 0.39<br>$\pm 0.05$ |
| 76160-**38      | 8            | 32             | 22.80       | 13.30   |                    |
| 76160-**20      | 10           | 40             | 26.60       | 17.10   |                    |
| 76160-**26      | 16           | 64             | 38.00       | 28.50   |                    |

**76160-\*\*\*\***

MODULE & TAIL PLATING TYPE  
5 = RIGHT GUIDED LEAD-FREE

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

# OF COLUMNS  
06 = 6 COL 0.46 PTH  
08 = 8 COL 0.46 PTH  
10 = 10 COL 0.46 PTH  
16 = 16 COL 0.46 PTH  
20 = 10 COL 0.39 PTH  
26 = 16 COL 0.39 PTH  
38 = 8 COL 0.39 PTH  
36 = 6 COL 0.39 PTH

|   |  |       |  |                                  |  |           |  |   |  |
|---|--|-------|--|----------------------------------|--|-----------|--|---|--|
| 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: MIGRATED TO NX |  |           |  | <b>molex</b>  |  |
| mm  |  | NTS   |  |                                  |  |           |  |   |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)   |  |       |  | EC NO: 622030                    |  |           |  | IMPACT 100 OHM DC<br>4 PAIR SIGNAL MODULE GUIDE RIGHT SALES DWG |  |
| ANGULAR TOL $\pm 0.5^\circ$   |  |       |  | DRWN: SKRISHNAMU01 2019/07/30    |  |           |  |   |  |
| 4 PLACES $\pm$  |  |       |  | CHK'D: PRAMASWAMY 2019/08/07     |  |           |  |   |  |
| 3 PLACES $\pm$  |  |       |  | APPR: SHONG 2019/08/08           |  |           |  | PRODUCT CUSTOMER DRAWING  |  |
| 2 PLACES $\pm 0.13$   |  |       |  | INITIAL REVISION:                |  |           |  | DOCUMENT NUMBER   |  |
| 1 PLACE $\pm 0.25$  |  |       |  | DRWN: MCARRANZA 2007/07/11       |  |           |  | SD-76160-004  |  |
| 0 PLACES $\pm$  |  |       |  | APPR: JLAURX 2007/07/11          |  |           |  | DOC TYPE  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |  |       |  | THIRD ANGLE PROJECTION           |  | DRAWING   |  | DOC PART  |  |
|   |  |       |  |                                  |  | C-SIZE    |  | REVISION  |  |
|   |  |       |  |                                  |  | SERIES    |  | MATERIAL NUMBER   |  |
|   |  |       |  |                                  |  | 76160     |  | CUSTOMER  |  |
|   |  |       |  |                                  |  | SEE CHART |  | GENERAL MARKET  |  |
|   |  |       |  |                                  |  |           |  | SHEET NUMBER  |  |
|   |  |       |  |                                  |  |           |  | 2 OF 2  |  |

|                 |    |              |                     |
|-----------------|----|--------------|---------------------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/08/08 22:00:44 |
|-----------------|----|--------------|---------------------|