



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), GLASS-FILLED, UL94V-0
TERMINALS - HIGH PERFORMANCE COPPER ALLOY
 2. FINISH: 30µIN MIN 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-70873-589.
 6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
 7. REFER TO MOLEX SALES DRAWING SD-76145-002 FOR THE MATING HEADERS AND SD-76560-002 FOR THE MATING RAM CONNECTORS.
 8. REFER TO MOLEX ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING RECOMMENDATIONS.
 9. PART NUMBER 76150-3020 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.

DAUGHTERCARD 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: MIGRATED TO NX | |
| mm | NTS | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | <p>molex</p> <p>IMPACT 100 OHM DC 6 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG</p> <p>PRODUCT CUSTOMER DRAWING</p> | |
| ANGULAR TOL | ± 0.5° | | |
| 4 PLACES | ± | | |
| 3 PLACES | ± | | |
| 2 PLACES | ± 0.13 | | |
| 1 PLACE | ± 0.25 | | |
| 0 PLACES | ± | <p>EC NO: 622829</p> <p>DRWN: PKH 2019/08/22</p> <p>CHK'D: BOKOK 2019/08/29</p> <p>APPR: SHONG 2019/08/30</p> | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIRD ANGLE PROJECTION | DRAWING SERIES |
| | | C-SIZE | 76150 |
| DOCUMENT STATUS | | DOCUMENT NUMBER | DOC TYPE DOC PART REVISION |
| P1 | RELEASE DATE 2019/08/30 15:04:20 | SD-76150-002 | PSD 001 H3 |
| | | MATERIAL NUMBER | CUSTOMER SHEET NUMBER |
| | | SEE CHART | GENERAL MARKET 1 OF 2 |

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH ϕ |
|-----------------|--------------|----------------|-------------|---------|--------------------|
| 76150-**10 | 10 | 60 | 26.60 | 17.10 | 0.46 ± 0.05 |
| 76150-**14 | 14 | 84 | 34.20 | 24.70 | |
| 76150-**16 | 16 | 96 | 38.00 | 28.50 | |
| 76150-**20 | 10 | 60 | 26.60 | 17.10 | 0.39 ± 0.05 |
| 76150-**24 | 14 | 84 | 34.20 | 24.70 | |
| 76150-**26 | 16 | 96 | 38.00 | 28.50 | |

76150-****

3 = LEFT 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

10 = 10 COL 0.46 PTH
 14 = 14 COL 0.46 PTH
 16 = 16 COL 0.46 PTH
 20 = 10 COL 0.39 PTH
 24 = 14 COL 0.39 PTH
 26 = 16 COL 0.39 PTH

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|---|--|-------|--|----------------------------------|--|-----------|--|--|--|
| 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 | | | | molex | |
| mm | | NTS | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 622829 | | | | IMPACT 100 OHM DC 6 PAIR SIGNAL MODULE GUIDE LEFT SALES DWG | |
| ANGULAR TOL $\pm 0.5^\circ$ | | | | DRWN: PKH 2019/08/22 | | | | | |
| 4 PLACES \pm | | | | CHK'D: BOKOK 2019/08/29 | | | | | |
| 3 PLACES \pm | | | | APPR: SHONG 2019/08/30 | | | | PRODUCT CUSTOMER DRAWING | |
| 2 PLACES ± 0.13 | | | | INITIAL REVISION: | | | | DOCUMENT NUMBER | |
| 1 PLACE ± 0.25 | | | | DRWN: MCARRANZA 2007/06/11 | | | | SD-76150-002 | |
| 0 PLACES \pm | | | | APPR: JLAURX 2008/04/24 | | | | DOC TYPE DOC PART REVISION | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | MATERIAL NUMBER | |
| | | | | | | C-SIZE | | SERIES | |
| | | | | | | 76150 | | CUSTOMER | |
| | | | | | | SEE CHART | | GENERAL MARKET | |
| | | | | | | | | SHEET NUMBER | |
| | | | | | | | | 2 OF 2 | |

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|-----------------|----|--------------|---------------------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2019/08/30 15:04:20 |
|-----------------|----|--------------|---------------------|