SEE NOTE 12

7.60

3.80

9.23

1.2 (TAIL LENGTH)

1.60 MIN BOARD THICKNESS
SEE NOTE 10

8.70

6.75

11.36

A

BACKPLANE
(REF)

2.08

BP ROW A

10.91

SEE NOTE 9

PIN A1

8.44

B

4.40

1.90

1.06

SIGNAL HOLES
REF

GROUND HOLE
REF

KEEP-OUT
ZONE

ROW F
ROW E
ROW D
ROW C
ROW B
ROW A

8.70

6.75

5.00

1.35 5X

⊕ ⌀ 0.10

⌀ PTH
(SEE CHART)
(6 HOLES
PER COLUMN)
SEE NOTE 3.

1.70
MAX

PIN A1

0.35

14.00
(FULLY MATED)

⊕ ⌀ 0.10
⌀ 3.80 ±0.04
UNPLATED HOLE

OFFSET BETWEEN DC AND
BP HOLE COLUMNS

BACKPLANE (REF)

BP PIN A1

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-70873-592.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-76455-002 FOR THE MATING HEADERS
   AND SD-76460-004 FOR MATING RAM.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
   RECOMMENDATIONS.
9. PART NUMBER 76460-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
   WITH COLUMN SIZE.
10. MINIMUM BOARD THICKNESS IS 1.60 mm FOR COMPLIANT PIN FUNCTIONALITY.
11. WHEN USING MOLEX SUPPLIED #2-32 SCREW 73726-4000 (4.31mm ±0.38 THREADABLE
    SCREW LENGTH), THE MAXIMUM BOARD THICKNESS IS 1.8 mm TO 2.4 mm.
12. THIS NOTCH IS A DIE NOTCH. IT IS SHOWN TO IDENTIFY IT'S PRESENCE, NOT IT'S POSITION.
    (THIS WILL VARY WITH PART LENGTH), IT SERVES NO PURPOSE IN THE FINISHED ASSEMBLY.

ADDED NOTE 12
EC NO: UCP2014-4841
DRWN:RWHIPPLE    2014/05/20
CHKD:DMORGAN     2014/05/20
APPR:SMILLER     2014/07/23
REV  DESCRIPTION

QUALITY
SYMBOLS

▽ =0
▽ =0
▽ =0

GENERAL TOLERANCES
(UNLESS SPECIFIED)

| | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| 0 PLACE | ± --- | ± --- |

ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE
PROJECTION

DRAWN BY        DATE
JLAURX      2008/04/11
CHECKED BY      DATE
TELO        2008/04/11
APPROVED BY     DATE
JLAURX      2008/04/11

MATERIAL NO.
SEE CHART

TITLE
IMPACT 100 OHM DC
2 PAIR SIGNAL MODULE
GUIDE LEFT SALES DWG

molex

DOCUMENT NO.
SD-76460-002

SHEET NO.
1 OF 2

SIZE
C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

tb_frame_C_P_AM_T
Rev. G 2012/01/11

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH ⌀ |
|---|---|---|---|---|---|
| 76460-*010 | 10 | 20 | 26.60 | 17.10 | 0.46 ±0.05 |
| 76460-*016 | 16 | 32 | 38.00 | 28.50 | |
| 76460-*020 | 10 | 20 | 26.60 | 17.10 | 0.39 ±0.05 |
| 76460-*026 | 16 | 32 | 38.00 | 28.50 | |

## 76460-*0**

MODULE & TAIL PLATING TYPE ⎯
3 = LEFT GUIDED LEAD-FREE

# OF COLUMNS
10 = 10 COL 0.46 PTH
16 = 16 COL 0.46 PTH
20 = 10 COL 0.39 PTH
26 = 16 COL 0.39 PTH

QUALITY SYMBOLS

| GENERAL TOLERANCES (UNLESS SPECIFIED) | mm | INCH |
|---|---|---|
| 4 PLACES | ± --- | ± --- |
| 3 PLACES | ± --- | ± --- |
| 2 PLACES | ± 0.13 | ± --- |
| 1 PLACE | ± 0.25 | ± --- |
| 0 PLACE | ± --- | ± --- |
| ANGULAR ±1/2° | | |

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

| DIMENSION STYLE | MM ONLY |
|---|---|
| DRAWN BY | JLAURX |
| DATE | 2008/04/11 |
| CHECKED BY | TELO |
| DATE | 2008/04/11 |
| APPROVED BY | JLAURX |
| DATE | 2008/04/11 |
| MATERIAL NO. | SEE CHART |

SCALE 4:1

DESIGN UNITS METRIC

THIRD ANGLE PROJECTION

TITLE
IMPACT 100 OHM DC
2 PAIR SIGNAL MODULE
GUIDE LEFT SALES DWG

**molex**

DOCUMENT NO. SD-76460-002

SHEET NO. 2 OF 2

SIZE C