



**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 SELECTIVE GOLD IN CONTACT AREA, SELECTIVE TIN
ON PCB TAILS, NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPEC PS-170540-999 FOR PERFORMANCE SPECIFICATIONS
AND ADDITIONAL PCB INFORMATION.
4. EACH SIGNAL WAFER CONTAINS 2 COLUMNS OF TERMINALS.
5. PRODUCT IS PACKAGED PER PK-70873-591.
6. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPEC PS-45499-002.
7. REFER TO MOLEX SALES DRAWING SD-170525-0001 OR RSD-170522-XXXX FOR THE
MATING HEADERS.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND ROUTING
RECOMMENDATIONS.
9. GROUND PATHS ARE NOT DISCRETE CIRCUITS WITHIN CONNECTOR DUE TO
PRESENCE OF PLUS CLIP.
10. PART NUMBER 170530-1020 SHOWN ON DRAWING. KEYING FEATURES WILL CHANGE
WITH COLUMN SIZE.
11. MINIMUM BOARD THICKNESS IS 1.00 mm FOR COMPLIANT PIN FUNCTIONALITY.
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 | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | |
| ANGULAR TOL | ± 0.5° | EC NO: | 612222 |
| 4 PLACES | ± | DRWN: | BREVANSIDDAB 2018/11/26 |
| 3 PLACES | ± | CHK'D: | TMARRI 2019/02/19 |
| 2 PLACES | ± 0.13 | APPR: | BOKOK 2019/02/20 |
| 1 PLACE | ± 0.25 | INITIAL REVISION: | |
| 0 PLACES | ± | DRWN: | JLAURX 2010/09/27 |
| | | APPR: | JLAURX 2010/10/19 |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING | SERIES |
| | | C-SIZE | 170530 |
| DOCUMENT STATUS | | DOCUMENT NUMBER | DOC TYPE DOC PART REVISION |
| P1 | RELEASE DATE 2019/02/20 10:38:14 | SD-170530-0001 | PSD 001 B3 |
| MATERIAL NUMBER | | CUSTOMER | SHEET NUMBER |
| SEE CHART | GENERAL MARKET | | 1 OF 2 |

molex

IMPACT 3 PAIR PLUS 85OHM
DAUGHTERCARD SIGNAL UNGUIDED SALES
DRAWING

PRODUCT CUSTOMER DRAWING

| MATERIAL NUMBER | # OF COLUMNS | # OF DIFF PAIR | DIM "A" MAX | DIM "B" | PTH \varnothing |
|-----------------|--------------|----------------|-------------|---------|-------------------|
| 170530-1008 | 8 | 24 | 15.20 | 13.30 | 0.46 ±0.05 |
| 170530-1010 | 10 | 30 | 19.00 | 17.10 | |
| 170530-1012 | 12 | 36 | 22.80 | 20.90 | |
| 170530-1016 | 16 | 48 | 30.40 | 28.50 | |
| 170530-1038 | 8 | 24 | 15.20 | 13.30 | 0.39 ±0.05 |
| 170530-1020 | 10 | 30 | 19.00 | 17.10 | |
| 170530-1022 | 12 | 36 | 22.80 | 20.90 | |
| 170530-1026 | 16 | 48 | 30.40 | 28.50 | |

170530-10**

MODULE & TAIL PLATING TYPE
1 = UNGUIDED, LEAD-FREE

OF COLUMNS
08 = 8 COL 0.46 PTH
10 = 10 COL 0.46 PTH
12 = 12 COL 0.46 PTH
16 = 16 COL 0.46 PTH
20 = 10 COL 0.39 PTH
22 = 12 COL 0.39 PTH
26 = 16 COL 0.39 PTH
38 = 8 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 | | | | molex | |
| mm | | NTS | | | | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | | EC NO: 612222 | | | | IMPACT 3 PAIR PLUS 85OHM DAUGHTERCARD SIGNAL UNGUIDED SALES DRAWING | |
| ANGULAR TOL ± 0.5° | | | | DRWN: BREVANSIDDAB 2018/11/26 | | | | | |
| 4 PLACES ± | | | | CHK'D: TMARRI 2019/02/19 | | | | | |
| 3 PLACES ± | | | | APPR: BOKOK 2019/02/20 | | | | PRODUCT CUSTOMER DRAWING | |
| 2 PLACES ± 0.13 | | | | INITIAL REVISION: | | | | DOCUMENT NUMBER | |
| 1 PLACE ± 0.25 | | | | DRWN: JLAURX 2010/09/27 | | | | SD-170530-0001 | |
| 0 PLACES ± | | | | APPR: JLAURX 2010/10/19 | | | | DOC TYPE DOC PART REVISION | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | THIRD ANGLE PROJECTION | | DRAWING | | SERIES | |
| | | | | | | C-SIZE | | 170530 | |
| DOCUMENT STATUS | | P1 | | RELEASE DATE | | 2019/02/20 10:38:14 | | MATERIAL NUMBER | |
| | | | | | | | | SEE CHART | |
| | | | | | | | | CUSTOMER | |
| | | | | | | | | GENERAL MARKET | |
| | | | | | | | | SHEET NUMBER | |
| | | | | | | | | 2 OF 2 | |