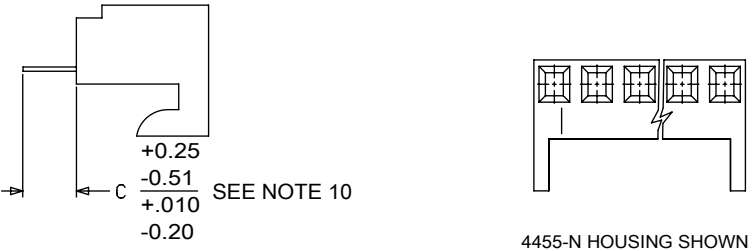
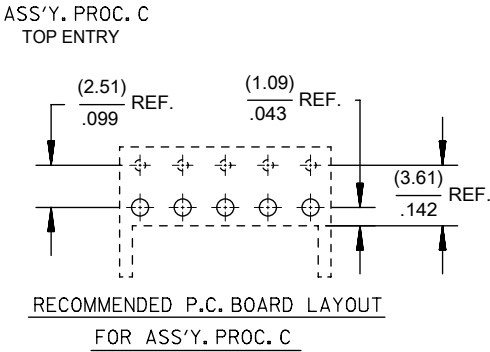
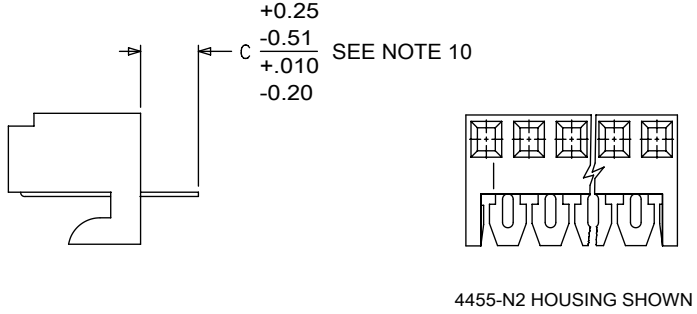
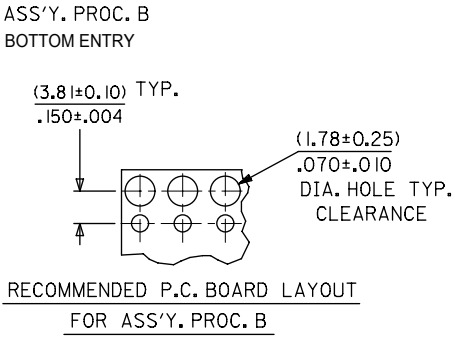
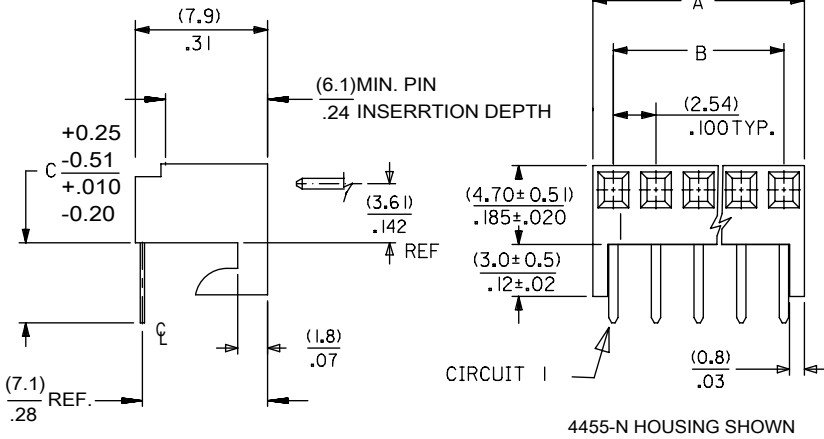
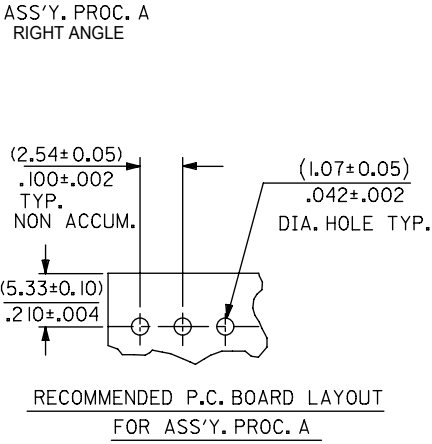


| NO. OF CKTS. | DIM. A                     | DIM. B                     |
|--------------|----------------------------|----------------------------|
| 1            | (2.44±.15 )<br>.096±.006   | —                          |
| 2            | (4.98±.15 )<br>.196±.006   | (2.54±.10 )<br>.100±.004   |
| 3            | (7.52±.15 )<br>.296±.006   | (5.08±.10 )<br>.200±.004   |
| 4            | (10.06±.15 )<br>.396±.006  | (7.62±.10 )<br>.300±.004   |
| 5            | (12.60±.18 )<br>.496±.007  | (10.16±.13 )<br>.400±.005  |
| 6            | (15.14±.18 )<br>.596±.007  | (12.70±.13 )<br>.500±.005  |
| 7            | (17.68±.20 )<br>.696±.008  | (15.24±.15 )<br>.600±.006  |
| 8            | (20.22±.20 )<br>.796±.008  | (17.78±.15 )<br>.700±.006  |
| 9            | (22.76±.20 )<br>.896±.008  | (20.32±.15 )<br>.800±.006  |
| 10           | (25.30±.25 )<br>.996±.010  | (22.86±.20 )<br>.900±.008  |
| 11           | (27.84±.25 )<br>1.096±.010 | (25.40±.20 )<br>1.000±.008 |
| 12           | (30.38±.25 )<br>1.196±.010 | (27.94±.20 )<br>1.100±.008 |
| 13           | (32.92±.25 )<br>1.296±.010 | (30.48±.20 )<br>1.200±.008 |
| 14           | (35.46±.25 )<br>1.396±.010 | (33.02±.20 )<br>1.300±.008 |
| 15           | (38.00±.28 )<br>1.496±.011 | (35.56±.23 )<br>1.400±.009 |
| 16           | (40.54±.28 )<br>1.596±.011 | (38.10±.23 )<br>1.500±.009 |
| 17           | (43.08±.28 )<br>1.696±.011 | (40.64±.23 )<br>1.600±.009 |
| 18           | (45.62±.28 )<br>1.796±.011 | (43.18±.23 )<br>1.700±.009 |
| 19           | (48.16±.28 )<br>1.896±.011 | (45.72±.23 )<br>1.800±.009 |
| 20           | (50.70±.30 )<br>1.996±.012 | (48.26±.25 )<br>1.900±.010 |

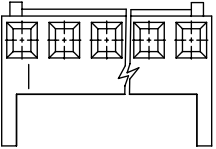


- NOTES:
- MATERIAL: NYLON, UL 94V-0, COLOR: WHITE
  - FINISH:
    - (208) - SELECT GOLD: (0.00038)/.000015 MIN., SELECT TIN: (0.00254)/.000100 MIN.  
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
    - (228) - SELECT GOLD: (0.00076)/.000030 MIN., SELECT TIN: (0.00254)/.000100 MIN.  
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
    - (231) - SELECT GOLD: (0.00127)/.000050 MIN., SELECT TIN: (0.00254)/.000100 MIN.  
OVERALL NICKEL UNDERPLATE: (0.00127)/.000050 MIN.
    - (565) - SELECT GOLD: (0.00051)/.000020 MIN., OVERALL NICKEL: (0.00076)/.000030 MIN.  
OVERALL GOLD FLASH: (0.00005)/.000002 MIN.
    - (P909) - OVERALL TIN: (0.00254)/.000100 MIN.
  - PARTS CONFORM TO PRODUCT SPECIFICATION PS-10-07.
  - PACKAGING: SEE CHARTS.
  - PARTS MUST CONFORM TO SOLDERABILITY SPEC 152.
  - PARTS ARE STACKABLE END TO END ON (2.54)/.100 CENTERS.
  - TYPICAL PCB THICKNESS: (1.57)/.062
  - PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 EXCEPT PROTRUSIONS. PARTS MAY HAVE MORE THAN 2 GATE MARKS.
  - WHEN MATING ASSEMBLIES THAT USE 4455-BN HOUSINGS TO BREAKAWAY FRICTION LOCK OR POLARIZING HEADERS, THE END BACKWALLS MUST BE REMOVED.
  - DIMENSION C MEASURED WITH TERMINAL PUSHED IN AGAINST THE STOP.

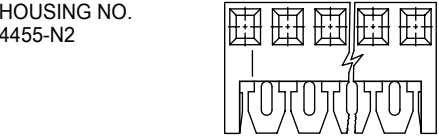
|                 |    |              |            |          |
|-----------------|----|--------------|------------|----------|
| DOCUMENT STATUS | P1 | RELEASE DATE | 2018/08/13 | 11:53:00 |
|-----------------|----|--------------|------------|----------|

FORMAT: Eng-lega-master-lb-prod-B  
REVISION: D  
DATE: 2018/01/18

HOUSING NO.  
4455-BN  
SEE NOTE 9

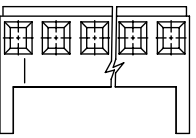


WITH RAMP AND POLARIZING



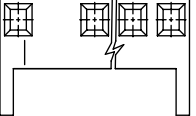
AVAILABLE ON BOTTOM ENTRY APPLICATIONS ONLY

HOUSING NO.  
4455-NR



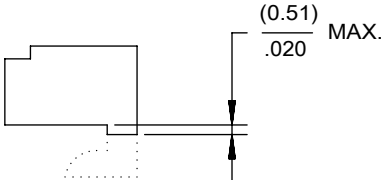
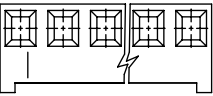
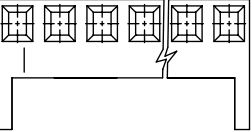
WITH RAMP

HOUSING NO.  
4455-N-02

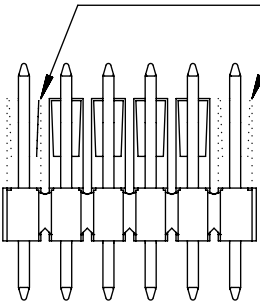


MOLDED VOID IN CKT 2

HOUSING NO.  
4455-N



HOOKS CUT OPTION AVAILABLE ON TOP ENTRY, SEE CHART



KK BREAKAWAY FRICTION LOCK  
OR POLARIZING HEADER

END BACKWALLS MUST BE REMOVED  
SEE NOTE 9

|      |      |
|------|------|
| 2-*  | D15  |
| 1    | D16  |
| SHT. | REV. |

| SYMBOLS |     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |        |         |                                                                       |                                                                                                 |  |        |                          |                                    |          |                |        |                 |
|---------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|---------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--|--------|--------------------------|------------------------------------|----------|----------------|--------|-----------------|
|         | = 0 | DIMENSION UNITS                                                                                                                               |        | SCALE   |                                                                       | CURRENT REV DESC: ADDED NEW P/N'S                                                               |  |        |                          | <div>molex</div>                   |          |                |        |                 |
|         |     | MM/IN                                                                                                                                         |        | 1:1     |                                                                       |                                                                                                 |  |        |                          |                                    |          |                |        |                 |
|         |     | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                                                                         |        |         |                                                                       |                                                                                                 |  |        |                          |                                    |          |                |        |                 |
|         | = 0 |                                                                                                                                               |        | MM      | INCH                                                                  | EC NO: 602687<br>DRWN: SS06 2018/06/18<br>CHK'D: ISHWARG 2018/08/13<br>APPR: ISHWARG 2018/08/13 |  |        |                          | KK 100 PCB ASSY<br>4455 SERIES DWG |          |                |        |                 |
|         | = 0 | 4 PLACES                                                                                                                                      | ±      | ±       |                                                                       |                                                                                                 |  |        |                          |                                    |          |                |        |                 |
|         | = 0 | 3 PLACES                                                                                                                                      | ±      | ± 0.01  |                                                                       |                                                                                                 |  |        |                          |                                    |          |                |        |                 |
|         | = 0 | 2 PLACES                                                                                                                                      | ± 0.25 | ± 0.015 | INITIAL REVISION:<br>DRWN: SAMIEC 1984/05/10<br>APPR: LENZ 1984/05/10 |                                                                                                 |  |        | PRODUCT CUSTOMER DRAWING |                                    |          |                |        |                 |
|         | = 0 | 1 PLACE                                                                                                                                       | ± 0.36 | ±       |                                                                       |                                                                                                 |  |        |                          |                                    |          |                |        |                 |
|         | = 0 | 0 PLACES                                                                                                                                      | ±      | ±       |                                                                       |                                                                                                 |  |        |                          |                                    |          |                |        |                 |
|         | = 0 | ANGULAR TOL                                                                                                                                   |        |         | ± 0.5 °                                                               | DOCUMENT NUMBER<br>SDA-4455                                                                     |  |        |                          | DOC TYPE                           | DOC PART | REVISION       |        |                 |
|         | = 0 |                                                                                                                                               |        |         |                                                                       |                                                                                                 |  |        |                          | PSD                                | 001      | D16            |        |                 |
|         | = 0 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                                                                    |        |         |                                                                       |                                                                                                 |  |        |                          | THIRD ANGLE PROJECTION             |          | DRAWING        | SERIES | MATERIAL NUMBER |
|         |     |                                                                                                                                               |        |         |                                                                       |                                                                                                 |  | B-SIZE | 4455                     | SEE CHART                          |          | GENERAL MARKET |        | 1 OF 1          |

molex

KK 100 PCB ASSY  
4455 SERIES DWG

PRODUCT CUSTOMER DRAWING

| DOCUMENT NUMBER | DOC TYPE | DOC PART | REVISION |
|-----------------|----------|----------|----------|
| SDA-4455        | PSD      | 001      | D16      |

| MATERIAL NUMBER | CUSTOMER       | SHEET NUMBER |
|-----------------|----------------|--------------|
| SEE CHART       | GENERAL MARKET | 1 OF 1       |

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