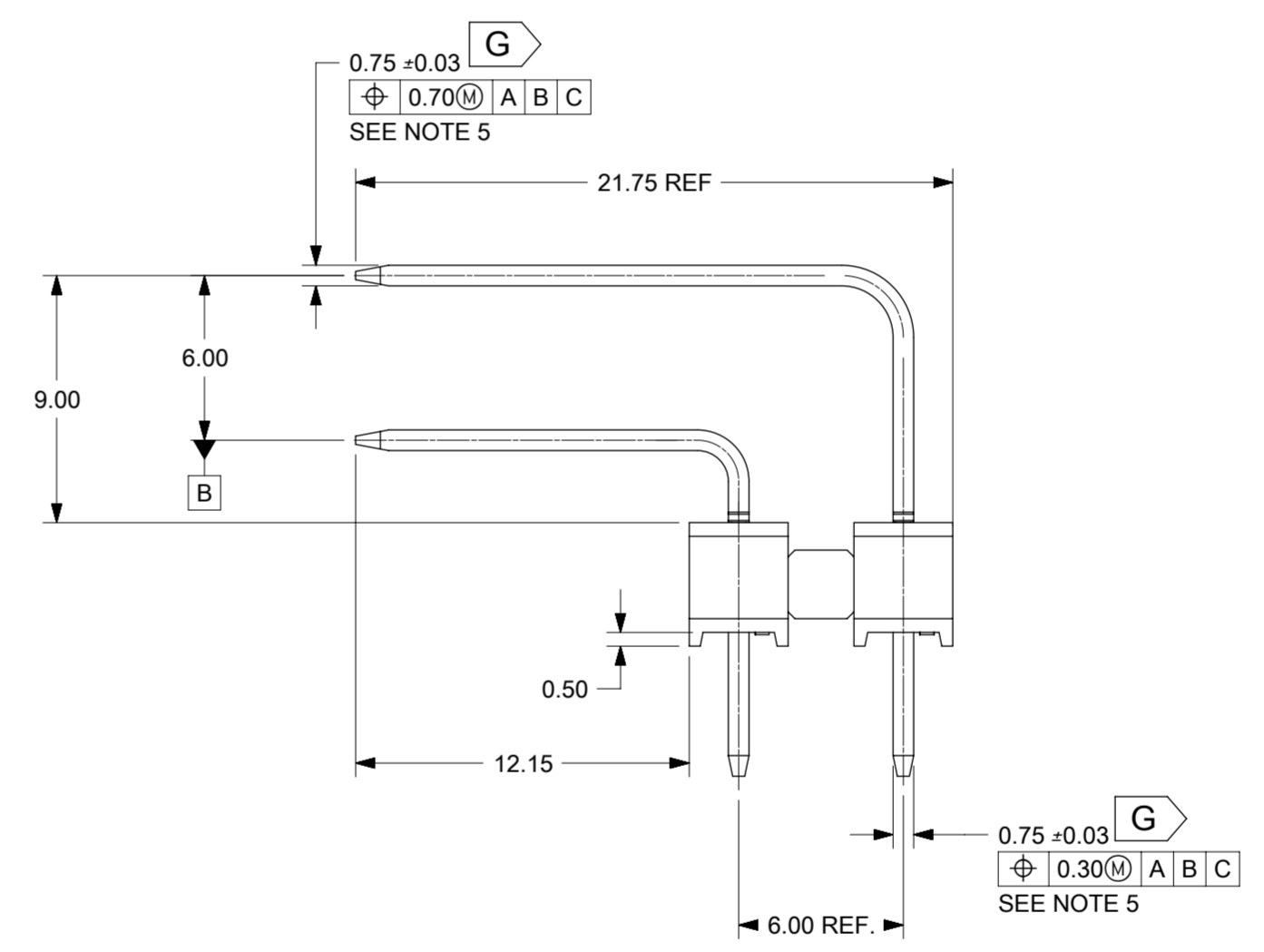


NOTES:

1. TERMINAL MAT'L: ALLOY C26000, CARTRIDGE BRASS
2. WAFER MAT'L: 30% GLASS FILLED LCP, 94V-0, COLOR BLACK.
3. TERMINAL PLATING:
  - OPTION 4 - 1.5 $\mu$ m MIN MATTE TIN OVERALL OVER 1.25 $\mu$ m NICKEL OVERALL
  - OPTION 1 - 2.5 $\mu$ m MIN MATTE TIN OVERALL OVER 1.25 $\mu$ m NICKEL OVERALL
  - OPTION 2 - 1.25m NICKEL OVERALL 2.5 $\mu$ m MIN SELECT MATTE TIN PC TAIL  
AREA 0.05-0.25 $\mu$ m SELECT GOLD CONTACT AREA
  - OPTION 3 - 1.25 $\mu$ m NICKEL OVERALL 2.5 $\mu$ m MIN SELECT MATTE TIN PC TAIL  
AREA 0.75 $\mu$ m SELECT GOLD CONTACT AREA
4. HEADER ASSEMBLIES ARE TUBE PACKAGED PER PK-36518-351.
5. ALL THE POSITIONAL TOLERANCES SHOULD BE MEASURED AT TIP OF THE TERMINALS.
6. DATUM SHOULD BE CONSIDERED FROM THE EDGES OF THE HOUSING.
7. POSITION TOLERANCES OF THE PIN AT MATING SIDE SHOULD BE MAINTAINED AT 0.3 MM IN THE FINAL MODULE BY CUSTOMER.
8. G DENOTES DIMENSIONS THAT CAN BE QUALIFIED WITH A GAUGE.
9. BLADE GEOMETRY DOES NOT CONFORM TO USCAR SPECIFICATIONS.



|   |   |       |  |  |        |  |                 |  |              |                                     |  |
|---|---|-------|--|--|--------|--|-----------------|--|--------------|-------------------------------------|--|
| SYMBOLS   | 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: FIVE PN'S:<br>759001102,759001121,759001132,759001162,759001441 ARE OBSOLETE |  |        |  |                 |  |              |                                     |  |
| $\nabla A = 0$                                  | mm  | 4:1   | EC NO: 633184  |  |        |  |                 |  |              |                                     |  |
| $\nabla E = 0$                                  | GENERAL TOLERANCES (UNLESS SPECIFIED)   |       | DRWN: RYELAVATTITH 2020/02/26  |  |        |  |                 |  |              | DUAL ROW UNSHROUDED HEADER ASSEMBLY |  |
| $\nabla F = 0$                                  | ANGULAR TOL $\pm 0.5^\circ$   |       | CHK'D: RYELAVATTITH 2020/03/02   |  |        |  |                 |  |              | PRODUCT CUSTOMER DRAWING            |  |
| $\nabla S = 0$                                  | 4 PLACES $\pm$  |       | APPR: SNAYAK01 2020/03/02  |  |        |  |                 |  |              | DOCUMENT NUMBER                     |  |
| $\nabla \nabla = 0$                             | 3 PLACES $\pm$  |       | INITIAL REVISION:  |  |        |  |                 |  |              | SD-75900-001                        |  |
| $\nabla \nabla \nabla = 0$                      | 2 PLACES $\pm 0.13$   |       | DRWN: TMCLELL 2006/02/02   |  |        |  |                 |  |              | DOC TYPE                            |  |
| $\nabla \nabla \nabla \nabla = 0$               | 1 PLACE $\pm 0.25$  |       | APPR: MBANAKIS 2006/02/08  |  |        |  |                 |  |              | DOC PART                            |  |
| $\nabla \nabla \nabla \nabla \nabla = 0$        | 0 PLACES $\pm$  |       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   |  |        |  |                 |  |              | REVISION                            |  |
| $\nabla \nabla \nabla \nabla \nabla \nabla = 0$ | THIRD ANGLE PROJECTION  |       | DRAWING  |  | SERIES |  | MATERIAL NUMBER |  | CUSTOMER     |                                     |  |
|   |   |       | A2-SIZE  |  | 75900  |  | GENERAL MARKET  |  | SHEET NUMBER |                                     |  |
|   |   |       |  |  |        |  |                 |  | 1 OF 2       |                                     |  |

|          |                |                 |          |         |         |         |                 |          |         |         |         |
|----------|----------------|-----------------|----------|---------|---------|---------|-----------------|----------|---------|---------|---------|
| 2 x 2    | 1              | 75900-1121      | OBSOLETE | 7.0     | 3.50    | REF     | 75900-1122      | OBSOLETE | 7.0     | 3.50    | REF     |
|          | 2              | 75900-1221      | OBSOLETE |         |         |         | 75900-1222      | OBSOLETE |         |         |         |
|          | 3              | 75900-1321      | OBSOLETE |         |         |         | 75900-1322      | OBSOLETE |         |         |         |
|          | 4              | 75900-1421      |          |         |         |         | 75900-1422      | OBSOLETE |         |         |         |
| 2 x 3    | 1              | 75900-1131      |          | 10.5    | 7.00    |         | 75900-1132      | OBSOLETE | 10.5    | 7.00    |         |
|          | 2              | 75900-1231      | OBSOLETE |         |         |         | 75900-1232      | OBSOLETE |         |         |         |
|          | 3              | 75900-1331      | OBSOLETE |         |         |         | 75900-1332      | OBSOLETE |         |         |         |
|          | 4              | 75900-1431      |          |         |         |         | 75900-1432      | OBSOLETE |         |         |         |
| 2 x 4    | 1              | 75900-1141      |          | 14.0    | 10.50   |         | 75900-1142      | OBSOLETE | 14.0    | 10.50   |         |
|          | 2              | 75900-1241      | OBSOLETE |         |         |         | 75900-1242      | OBSOLETE |         |         |         |
|          | 3              | 75900-1341      | OBSOLETE |         |         |         | 75900-1342      | OBSOLETE |         |         |         |
|          | 4              | 75900-1441      | OBSOLETE |         |         |         | 75900-1442      | OBSOLETE |         |         |         |
| 2 x 5    | 1              | 75900-1151      | OBSOLETE | 17.5    | 14.00   | 3.05    | 75900-1152      | OBSOLETE | 17.5    | 14.00   | 4.75    |
|          | 2              | 75900-1251      | OBSOLETE |         |         |         | 75900-1252      | OBSOLETE |         |         |         |
|          | 3              | 75900-1351      | OBSOLETE |         |         |         | 75900-1352      | OBSOLETE |         |         |         |
|          | 4              | 75900-1451      | OBSOLETE |         |         |         | 75900-1452      | OBSOLETE |         |         |         |
| 2 x 6    | 1              | 75900-1161      |          | 21.0    | 17.50   |         | 75900-1162      | OBSOLETE | 21.0    | 17.50   |         |
|          | 2              | 75900-1261      | OBSOLETE |         |         |         | 75900-1262      | OBSOLETE |         |         |         |
|          | 3              | 75900-1361      | OBSOLETE |         |         |         | 75900-1362      | OBSOLETE |         |         |         |
|          | 4              | 75900-1461      |          |         |         |         | 75900-1462      | OBSOLETE |         |         |         |
| 2 x 8    | 1              | 75900-1181      |          | 28.0    | 24.50   |         | 75900-1182      | OBSOLETE | 28.0    | 24.50   |         |
|          | 2              | 75900-1281      | OBSOLETE |         |         |         | 75900-1282      | OBSOLETE |         |         |         |
|          | 3              | 75900-1381      | OBSOLETE |         |         |         | 75900-1382      | OBSOLETE |         |         |         |
|          | 4              | 75900-1481      |          |         |         |         | 75900-1482      | OBSOLETE |         |         |         |
| 2 x 10   | 1              | 75900-1101      |          | 35.0    | 31.50   |         | 75900-1102      | OBSOLETE | 35.0    | 31.50   |         |
|          | 2              | 75900-1201      | OBSOLETE |         |         |         | 75900-1202      | OBSOLETE |         |         |         |
|          | 3              | 75900-1301      | OBSOLETE |         |         |         | 75900-1302      | OBSOLETE |         |         |         |
|          | 4              | 75900-1401      |          |         |         |         | 75900-1402      | OBSOLETE |         |         |         |
| CKT SIZE | PLATING OPTION | MATERIAL NUMBER | STATUS   | "A" DIM | "B" DIM | "C" DIM | MATERIAL NUMBER | STATUS   | "A" DIM | "B" DIM | "C" DIM |

| 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: FIVE PN'S:<br>759001102,759001121,759001132,759001162,759001441 ARE OBSOLETE |  |         |  |        |  |                 |  | <b>molex</b>             |  |  |  |
| ▽ = 0   | mm  | 1:1   | GENERAL TOLERANCES (UNLESS SPECIFIED)  |  |         |  |        |  |                 |  |                          |  | MX150 RIGHT ANGLE<br>DUAL ROW UNSHROUDED HEADER ASSEMBLY |  |
| ▽ = 0   | ANGULAR TOL ± 0.5°  |       | EC NO: 633184  |  |         |  |        |  |                 |  | PRODUCT CUSTOMER DRAWING |  |  |  |
| ▽ = 0   | 4 PLACES ±  |       | DRWN: RYELAVATTITH 2020/02/26  |  |         |  |        |  |                 |  | DOCUMENT NUMBER          |  |  |  |
| ▽ = 0   | 3 PLACES ±  |       | CHK'D: RYELAVATTITH 2020/03/02   |  |         |  |        |  |                 |  | SD-75900-001             |  |  |  |
| ▽ = 0   | 2 PLACES ± 0.13   |       | APPR: SNAYAK01 2020/03/02  |  |         |  |        |  |                 |  | DOC TYPE                 |  |  |  |
| ▽ = 0   | 1 PLACE ± 0.25  |       | INITIAL REVISION:  |  |         |  |        |  |                 |  | DOC PART                 |  |  |  |
| ▽ = 0   | 0 PLACES ±  |       | DRWN: TMCLELL 2006/02/02   |  |         |  |        |  |                 |  | REVISION                 |  |  |  |
| ▽ = 0   | 0 PLACES ±  |       | APPR: MBANAKIS 2006/02/08  |  |         |  |        |  |                 |  | C4                       |  |  |  |
| ▽ = 0   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS  |       | THIRD ANGLE PROJECTION   |  | DRAWING |  | SERIES |  | MATERIAL NUMBER |  | CUSTOMER                 |  | SHEET NUMBER   |  |
| ▽ = 0   |   |       |  |  | A2-SIZE |  | 75900  |  | 3               |  | GENERAL MARKET           |  | 2 OF 2   |  |