



RECOMMENDED HOLE LAYOUT

- 1 ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
- 2 TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- 3 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING
- 4 HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK, POST: COPPER ALLOY.
- 5 FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, 0.00127 [.000050] NICKEL ENTIRE POST.
- 6 FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL, 0.00127 [.000050] NICKEL ENTIRE POST.

|                                                                                                                                                                                                                                                                      |              |                                |                                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------|---------------------------------------------------------------------------------------|---------------------|------------|-------|--------------|-------|-----|-------|-----|--------|-----|--------------|---------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                                                                                                                                                               |              | DIN<br>R BROWN<br>19OCT2006    | TE Connectivity                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| DIMENSIONS:<br>mm [INCHES]                                                                                                                                                                                                                                           |              | CHK<br>J GESFORD<br>19OCT2006  |                                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                                                                                                                                                                               |              | APVD<br>J GESFORD<br>19OCT2006 | NAME<br>HEADER ASSEMBLY, MOD II,<br>STACKING, DOUBLE ROW,<br>.025 SQ.POST, UNSHROUDED |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| <table border="1"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± 0.5[.02]</td></tr> <tr><td>2 PLC</td><td>± 0.13[.005]</td></tr> <tr><td>3 PLC</td><td>± -</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table> |              | 0 PLC                          | ± -                                                                                   | 1 PLC               | ± 0.5[.02] | 2 PLC | ± 0.13[.005] | 3 PLC | ± - | 4 PLC | ± - | ANGLES | ± - | PRODUCT SPEC | RESTRICTED TO |  |
| 0 PLC                                                                                                                                                                                                                                                                | ± -          |                                |                                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| 1 PLC                                                                                                                                                                                                                                                                | ± 0.5[.02]   |                                |                                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| 2 PLC                                                                                                                                                                                                                                                                | ± 0.13[.005] |                                |                                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| 3 PLC                                                                                                                                                                                                                                                                | ± -          |                                |                                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| 4 PLC                                                                                                                                                                                                                                                                | ± -          |                                |                                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| ANGLES                                                                                                                                                                                                                                                               | ± -          |                                |                                                                                       |                     |            |       |              |       |     |       |     |        |     |              |               |  |
| MATERIAL                                                                                                                                                                                                                                                             |              | WEIGHT                         | SIZE<br>A1                                                                            | CAGE CODE<br>146494 |            |       |              |       |     |       |     |        |     |              |               |  |
| FINISH<br>SEE TABLE                                                                                                                                                                                                                                                  |              | CUSTOMER DRAWING               | SCALE<br>4:1                                                                          | SHEET<br>1 OF 2     |            |       |              |       |     |       |     |        |     |              |               |  |

|         |                   |                  |    |                  |             |
|---------|-------------------|------------------|----|------------------|-------------|
| △6      | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80               | 9-146494-0  |
| △6      | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78               | 8-146494-9  |
| △6      | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76               | 8-146494-8  |
| △6      | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74               | 8-146494-7  |
| △6      | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72               | 8-146494-6  |
| △6      | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70               | 8-146494-5  |
| △6      | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68               | 8-146494-4  |
| △6      | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66               | 8-146494-3  |
| △6      | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64               | 8-146494-2  |
| △6      | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62               | 8-146494-1  |
| △6      | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60               | 8-146494-0  |
| △6      | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58               | 7-146494-9  |
| △6      | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56               | 7-146494-8  |
| △6      | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54               | 7-146494-7  |
| △6      | 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 52               | 7-146494-6  |
| △6      | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50               | 7-146494-5  |
| △6      | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48               | 7-146494-4  |
| △6      | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46               | 7-146494-3  |
| △6      | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44               | 7-146494-2  |
| △6      | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42               | 7-146494-1  |
| △6      | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40               | 7-146494-0  |
| △6      | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38               | 6-146494-9  |
| △6      | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36               | 6-146494-8  |
| △6      | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34               | 6-146494-7  |
| △6      | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32               | 6-146494-6  |
| △6      | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30               | 6-146494-5  |
| △6      | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28               | 6-146494-4  |
| △6      | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26               | 6-146494-3  |
| △6      | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24               | 6-146494-2  |
| △6      | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22               | 6-146494-1  |
| △6      | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20               | 6-146494-0  |
| △6      | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18               | 5-146494-9  |
| △6      | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16               | 5-146494-8  |
| △6      | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14               | 5-146494-7  |
| △6      | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12               | 5-146494-6  |
| △6      | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10               | 5-146494-5  |
| △6      | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                | 5-146494-4  |
| △6      | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                | 5-146494-3  |
| △6      | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                | 5-146494-2  |
| △6      | 2.13<br>[.084]    | -                | -  | 2                | 5-146494-1  |
| PLATING | G                 | F                | E  | NO. OF POSITIONS | PART NUMBER |

|         |                   |                  |    |                  |             |
|---------|-------------------|------------------|----|------------------|-------------|
| △5      | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80               | 4-146494-0  |
| △5      | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78               | 3-146494-9  |
| △5      | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76               | 3-146494-8  |
| △5      | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74               | 3-146494-7  |
| △5      | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72               | 3-146494-6  |
| △5      | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70               | 3-146494-5  |
| △5      | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68               | 3-146494-4  |
| △5      | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66               | 3-146494-3  |
| △5      | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64               | 3-146494-2  |
| △5      | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62               | 3-146494-1  |
| △5      | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60               | 3-146494-0  |
| △5      | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58               | 2-146494-9  |
| △5      | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56               | 2-146494-8  |
| △5      | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54               | 2-146494-7  |
| △5      | 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 52               | 2-146494-6  |
| △5      | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50               | 2-146494-5  |
| △5      | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48               | 2-146494-4  |
| △5      | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46               | 2-146494-3  |
| △5      | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44               | 2-146494-2  |
| △5      | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42               | 2-146494-1  |
| △5      | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40               | 2-146494-0  |
| △5      | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38               | 1-146494-9  |
| △5      | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36               | 1-146494-8  |
| △5      | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34               | 1-146494-7  |
| △5      | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32               | 1-146494-6  |
| △5      | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30               | 1-146494-5  |
| △5      | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28               | 1-146494-4  |
| △5      | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26               | 1-146494-3  |
| △5      | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24               | 1-146494-2  |
| △5      | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22               | 1-146494-1  |
| △5      | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20               | 1-146494-0  |
| △5      | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18               | 146494-9    |
| △5      | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16               | 146494-8    |
| △5      | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14               | 146494-7    |
| △5      | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12               | 146494-6    |
| △5      | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10               | 146494-5    |
| △5      | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                | 146494-4    |
| △5      | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                | 146494-3    |
| △5      | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                | 146494-2    |
| △5      | 2.13<br>[.084]    | -                | -  | 2                | 146494-1    |
| PLATING | G                 | F                | E  | NO. OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|                            |                                                                                                                                  |                                                                              |                                              |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------|
| DIMENSIONS:<br>mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PL ± -<br>1 PL ± 0.5[.02]<br>2 PL ± 0.13[.005]<br>3 PL ± -<br>4 PL ± -<br>ANGLES ± - | DIN R BROWN 19OCT2006<br>CHK J GESFORD 19OCT2006<br>APVO J GESFORD 19OCT2006 | NAME<br>TE Connectivity                      |
|                            |                                                                                                                                  | PRODUCT SPEC<br>APPLICATION SPEC                                             | SIZE CASE CODE DRAWING NO<br>A1 00779 146494 |
| MATERIAL<br>△4             | FINISH<br>SEE TABLE                                                                                                              | WEIGHT<br>-                                                                  | RESTRICTED TO<br>-                           |
| CUSTOMER DRAWING           |                                                                                                                                  | SCALE 4:1                                                                    | SHEET 2 OF 2 REV B                           |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[95000-104TRLF](#) [10135584-644402LF](#) [DF62W-EP2022PCA](#) [95000-106TRLF](#) [DF62W-2022SCA](#) [DF62W-EP2022PC](#) [2203348](#) [DF62W-2022SC](#) [1084018](#) [1029039](#) [1084017](#) [802-10-012-10-002000](#) [1112640](#) [1112639](#) [000-34000](#) [0009482033](#) [0009507031](#) [57102-S06-03LF](#) [57202-S52-04LF](#) [PCN6-15S-2.5E](#) [0039019024](#) [58102-G61-06LF](#) [582553-1](#) [0009508121](#) [0050291907](#) [018731A](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#) [60101931](#) [60598-1 \(Cut Strip\)](#) [M1625-3R/100](#) [61062-3](#) [61082-181009](#) [636-1427](#) [638009-1](#) [641938-9](#) [641991-4](#) [644168-1](#) [647662-1](#) [65039-019ELF](#) [65817-002LF](#) [65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67016-026LF](#) [67046-001LF](#) [67095-007LF](#) [68002-116](#) [68016-236H](#) [68648-049](#)