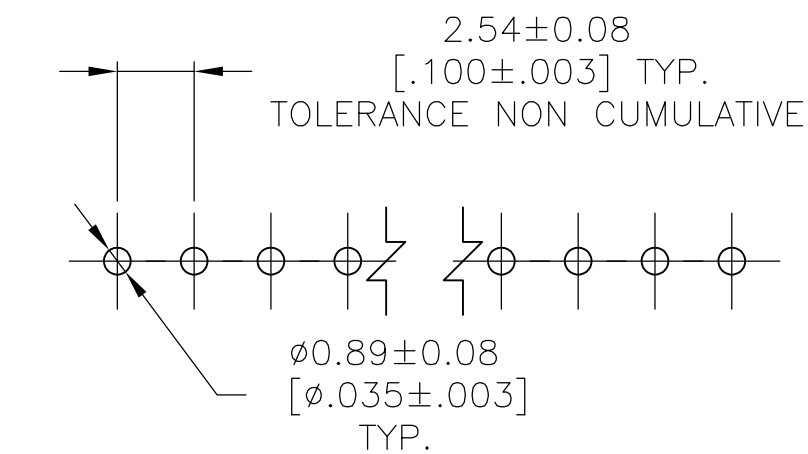
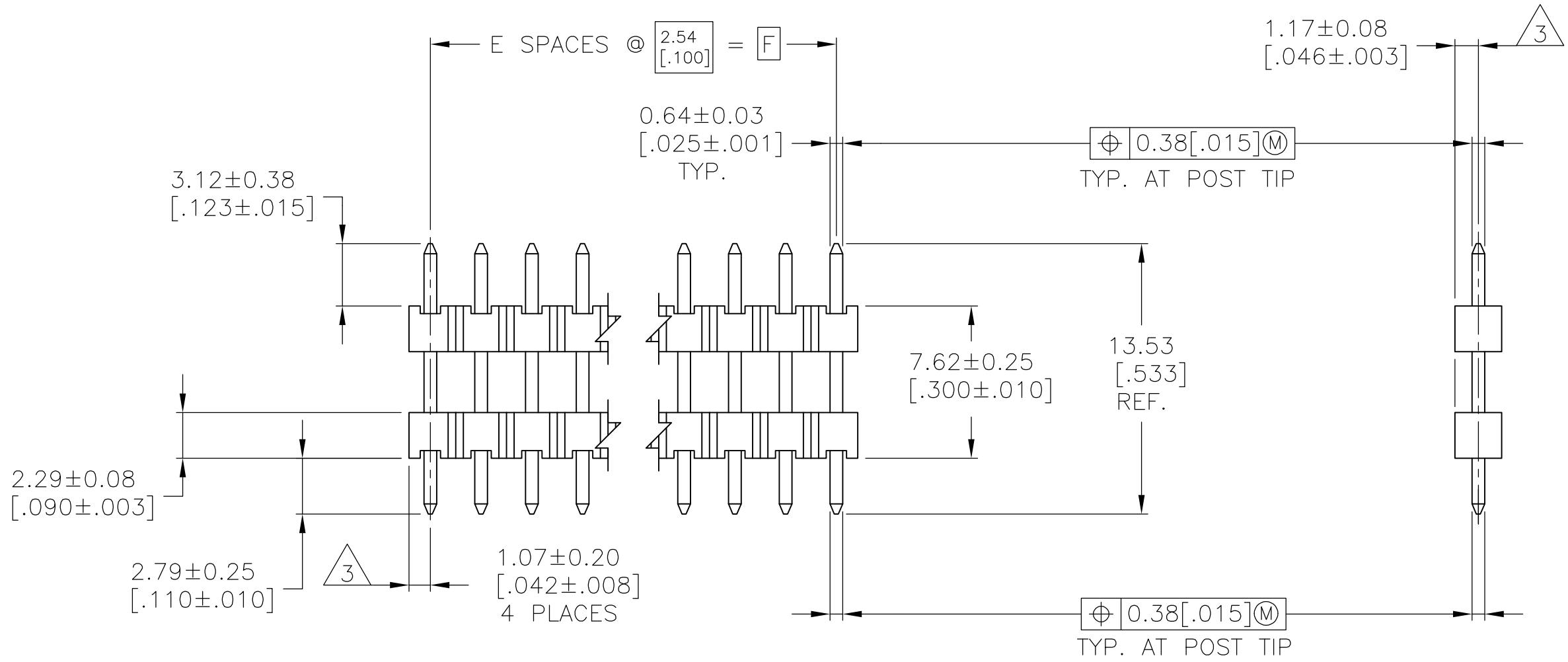
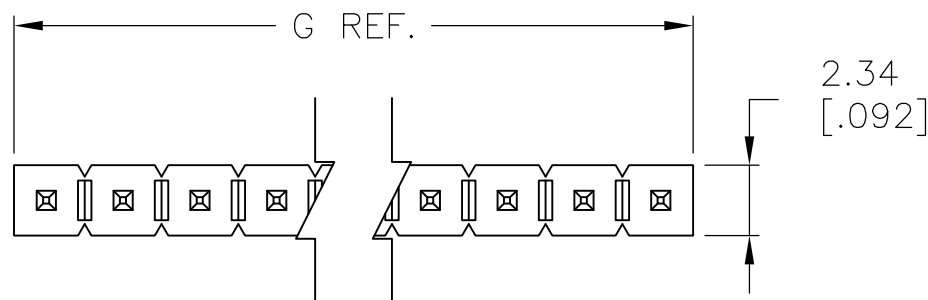




- |   |                                                                                                                 |
|---|-----------------------------------------------------------------------------------------------------------------|
| 1 | ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS                                                       |
| 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.<br>POST: COPPER ALLOY                                     |
| 5 | FINISH: 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD<br>OVER 0.00127 [.000050] NICKEL ENTIRE POST.          |
| 6 | FINISH: 0.00254-0.00508 [.000100-.000200] MATTE TIN<br>OVER 0.00127 [.000050] NICKEL ENTIRE POST.               |

|         |                   |                  |    |                     |             |
|---------|-------------------|------------------|----|---------------------|-------------|
| 6       | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 40                  | 9-146458-0  |
| 6       | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 39                  | 8-146458-9  |
| 6       | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 38                  | 8-146458-8  |
| 6       | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 37                  | 8-146458-7  |
| 6       | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 36                  | 8-146458-6  |
| 6       | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 35                  | 8-146458-5  |
| 6       | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 34                  | 8-146458-4  |
| 6       | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 33                  | 8-146458-3  |
| 6       | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 32                  | 8-146458-2  |
| 6       | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 31                  | 8-146458-1  |
| 6       | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 30                  | 8-146458-0  |
| 6       | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 29                  | 7-146458-9  |
| 6       | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 28                  | 7-146458-8  |
| 6       | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 27                  | 7-146458-7  |
| 6       | 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 26                  | 7-146458-6  |
| 6       | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 25                  | 7-146458-5  |
| 6       | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 24                  | 7-146458-4  |
| 6       | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 23                  | 7-146458-3  |
| 6       | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 22                  | 7-146458-2  |
| 6       | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 21                  | 7-146458-1  |
| 6       | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 20                  | 7-146458-0  |
| 6       | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 19                  | 6-146458-9  |
| 6       | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 18                  | 6-146458-8  |
| 6       | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 17                  | 6-146458-7  |
| 6       | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 16                  | 6-146458-6  |
| 6       | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 15                  | 6-146458-5  |
| 6       | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 14                  | 6-146458-4  |
| 6       | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 13                  | 6-146458-3  |
| 6       | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 12                  | 6-146458-2  |
| 6       | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 11                  | 6-146458-1  |
| 6       | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 10                  | 6-146458-0  |
| 6       | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 9                   | 5-146458-9  |
| 6       | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 8                   | 5-146458-8  |
| 6       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 7                   | 5-146458-7  |
| 6       | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 6                   | 5-146458-6  |
| 6       | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 5                   | 5-146458-5  |
| 6       | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 4                   | 5-146458-4  |
| 6       | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 3                   | 5-146458-3  |
| 6       | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 2                   | 5-146458-2  |
| 6       | 2.13<br>[.084]    | —                | —  | 1                   | 5-146458-1  |
| PLATING | G                 | F                | E  | NO. OF<br>POSITIONS | PART NUMBER |

|         |                   |                  |    |                     |             |
|---------|-------------------|------------------|----|---------------------|-------------|
| 5       | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 40                  | 4-146458-0  |
| 5       | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 39                  | 3-146458-9  |
| 5       | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 38                  | 3-146458-8  |
| 5       | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 37                  | 3-146458-7  |
| 5       | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 36                  | 3-146458-6  |
| 5       | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 35                  | 3-146458-5  |
| 5       | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 34                  | 3-146458-4  |
| 5       | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 33                  | 3-146458-3  |
| 5       | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 32                  | 3-146458-2  |
| 5       | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 31                  | 3-146458-1  |
| 5       | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 30                  | 3-146458-0  |
| 5       | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 29                  | 2-146458-9  |
| 5       | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 28                  | 2-146458-8  |
| 5       | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 27                  | 2-146458-7  |
| 5       | 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 26                  | 2-146458-6  |
| 5       | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 25                  | 2-146458-5  |
| 5       | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 24                  | 2-146458-4  |
| 5       | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 23                  | 2-146458-3  |
| 5       | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 22                  | 2-146458-2  |
| 5       | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 21                  | 2-146458-1  |
| 5       | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 20                  | 2-146458-0  |
| 5       | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 19                  | 1-146458-9  |
| 5       | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 18                  | 1-146458-8  |
| 5       | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 17                  | 1-146458-7  |
| 5       | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 16                  | 1-146458-6  |
| 5       | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 15                  | 1-146458-5  |
| 5       | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 14                  | 1-146458-4  |
| 5       | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 13                  | 1-146458-3  |
| 5       | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 12                  | 1-146458-2  |
| 5       | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 11                  | 1-146458-1  |
| 5       | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 10                  | 1-146458-0  |
| 5       | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 9                   | 146458-9    |
| 5       | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 8                   | 146458-8    |
| 5       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 7                   | 146458-7    |
| 5       | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 6                   | 146458-6    |
| 5       | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 5                   | 146458-5    |
| 5       | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 4                   | 146458-4    |
| 5       | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 3                   | 146458-3    |
| 5       | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 2                   | 146458-2    |
| 5       | 2.13<br>[.084]    | -                | -  | 1                   | 146458-1    |
| PLATING | G                 | F                | E  | NO. OF<br>POSITIONS | PART NUMBER |

|                                                                                                   |  |  |  |  |  |                  |                                                                               |                                                                                       |                                                                                                       |       |
|---------------------------------------------------------------------------------------------------|--|--|--|--|--|------------------|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |  |  |  |  |  | DWN              | T. HOFFMAN                                                                    | 1/16/98                                                                               |                                                                                                       |       |
| DIMENSIONS:<br>mm [INCHES]                                                                        |  |  |  |  |  | CHK              | G. DUBNICKI                                                                   | 3/4/98                                                                                |  TE Connectivity |       |
|                                                                                                   |  |  |  |  |  |                  | G. DUBNICKI                                                                   | 3/4/98                                                                                |                                                                                                       |       |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                            |  |  |  |  |  | NAME             | HEADER ASSEMBLY, MOD II,<br>STACKING, SINGLE ROW,<br>.025 SQ.POST, UNSHROUDED |                                                                                       |                                                                                                       |       |
| PLOC ± .-                                                                                         |  |  |  |  |  | PRODUCT SPEC     |                                                                               |                                                                                       |                                                                                                       |       |
| 1 PLOC ± .-                                                                                       |  |  |  |  |  | APPLICATION SPEC |                                                                               |                                                                                       |                                                                                                       |       |
| 2 PLOC ± 0.51[.02]                                                                                |  |  |  |  |  | SIZE             | CAGE CODE                                                                     | DRAWING NO                                                                            | RESTRICTED TO                                                                                         |       |
| 3 PLOC ± 0.51[.050]                                                                               |  |  |  |  |  | A1               | 00779                                                                         |  | 146458                                                                                                | -     |
| 4 PLOC ± 0.0127[.0005]                                                                            |  |  |  |  |  | WEIGHT           | —                                                                             |                                                                                       |                                                                                                       |       |
| ANGLES FINISH SEE TABLE                                                                           |  |  |  |  |  | CUSTOMER DRAWING |                                                                               |                                                                                       |                                                                                                       |       |
| MATERIAL<br> |  |  |  |  |  | SCALE            | 4:1                                                                           | SHEET                                                                                 | 1 OF 1                                                                                                | REV B |

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