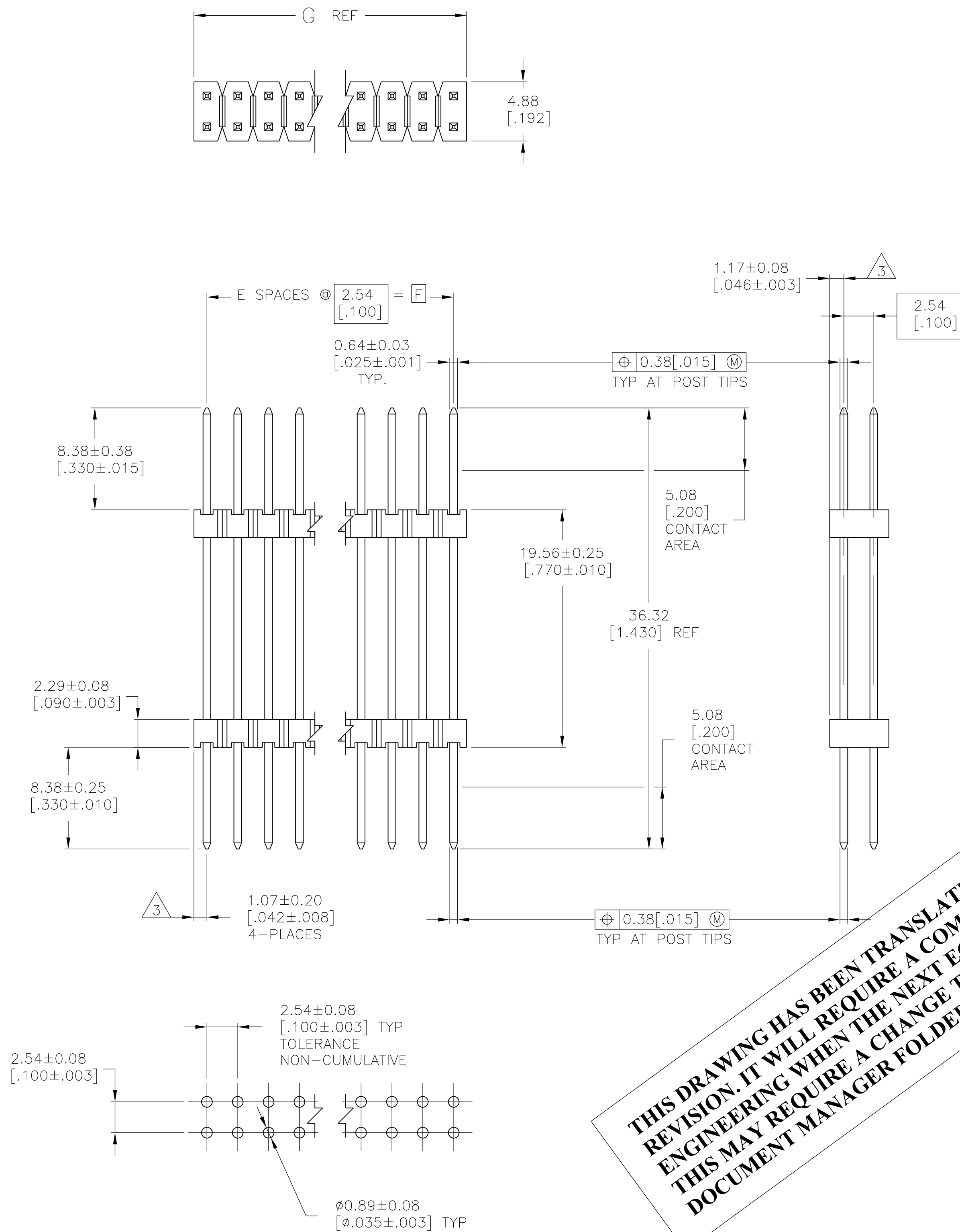


|     |      |           |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| LOC | DIST | REVISIONS |     |                           |         |     |      |
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      | P         |     | REVISED PER ECO-11-004820 | 21MAR11 | RK  | HMR  |

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.
5. FINISH: 0.000381 [0.00015] GOLD ON CONTACT AREA,  
OVER 0.00127 [0.00050] NICKEL, ENTIRE POST.



5.08  
[.200]  
CONTACT  
AREA

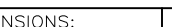
0.38 [.015] M

AT POST TIPS

**THIS DRAWING HAS BEEN TRANSLATED AND REFLECTS THE PREVIOUS REVISION. IT WILL REQUIRE A COMPLETE DRAWING CHECK BY PRODUCT ENGINEERING WHEN THE NEXT ECO CHANGE IS WRITTEN - THIS MAY REQUIRE A CHANGE TO THE REVISION OF THE DOCUMENT MANAGER FOLDER AND THIS DRAWING.**

## RECOMMENDED HOLE LAYOUT

|                   |                  |    |                     |             |
|-------------------|------------------|----|---------------------|-------------|
| 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80                  | 4-146510-0  |
| 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78                  | 3-146510-9  |
| 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76                  | 3-146510-8  |
| 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74                  | 3-146510-7  |
| 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72                  | 3-146510-6  |
| 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70                  | 3-146510-5  |
| 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68                  | 3-146510-4  |
| 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66                  | 3-146510-3  |
| 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64                  | 3-146510-2  |
| 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62                  | 3-146510-1  |
| 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | 3-146510-0  |
| 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58                  | 2-146510-9  |
| 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56                  | 2-146510-8  |
| 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54                  | 2-146510-7  |
| 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 52                  | 2-146510-6  |
| 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50                  | 2-146510-5  |
| 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48                  | 2-146510-4  |
| 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46                  | 2-146510-3  |
| 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44                  | 2-146510-2  |
| 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42                  | 2-146510-1  |
| 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40                  | 2-146510-0  |
| 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38                  | 1-146510-9  |
| 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36                  | 1-146510-8  |
| 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34                  | 1-146510-7  |
| 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32                  | 1-146510-6  |
| 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30                  | 1-146510-5  |
| 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28                  | 1-146510-4  |
| 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26                  | 1-146510-3  |
| 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24                  | 1-146510-2  |
| 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22                  | 1-146510-1  |
| 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | 1-146510-0  |
| 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18                  | 146510-9    |
| 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16                  | 146510-8    |
| 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | 146510-7    |
| 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12                  | 146510-6    |
| 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10                  | 146510-5    |
| 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | 146510-4    |
| 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | 146510-3    |
| 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                   | 146510-2    |
| 2.13<br>[.084]    | —                | —  | 2                   | 146510-1    |
| G                 | F                | E  | NO. OF<br>POSITIONS | PART NUMBER |

|                                                                                                   |  |                                                                                                                           |                                                                                             |                                            |                                                                                                       |                    |                      |
|---------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|----------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                            |  |                                                                                                                           | DWN<br>E. BRANDBERG 12NOV96<br>CHK<br>G. DUBNICZKI 12NOV96<br>APP'D<br>G. DUBNICZKI 12NOV96 |                                            |  TE Connectivity |                    |                      |
| DIMENSIONS:<br>mm [INCHES]                                                                        |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                                                 |                                                                                             | NAME                                       |                                                                                                       |                    |                      |
|              |  | Ø P L/C ± -<br>1 P L/C ± -<br>2 P L/C ± 0.01[.02]<br>3 P L/C ± 0.127[.005]<br>4 P L/C ± 0.0127[.0005]<br>ANGLES<br>FINISH |                                                                                             | PRODUCT SPEC<br>1<br>APPLICATION SPEC<br>1 |                                                                                                       |                    |                      |
| MATERIAL<br> |  |                                      |                                                                                             | SIZE<br>A1                                 |                                                                                                       | GAGE CODE<br>00779 | DRAWING NO<br>146510 |
| WEIGHT<br>-                                                                                       |  | RESTRICTED TO<br>-                                                                                                        |                                                                                             | SCALE<br>4:1                               |                                                                                                       |                    |                      |
| CUSTOMER DRAWING                                                                                  |  | SHEET<br>1 OF 1                                                                                                           |                                                                                             | REV<br>P                                   |                                                                                                       |                    |                      |

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