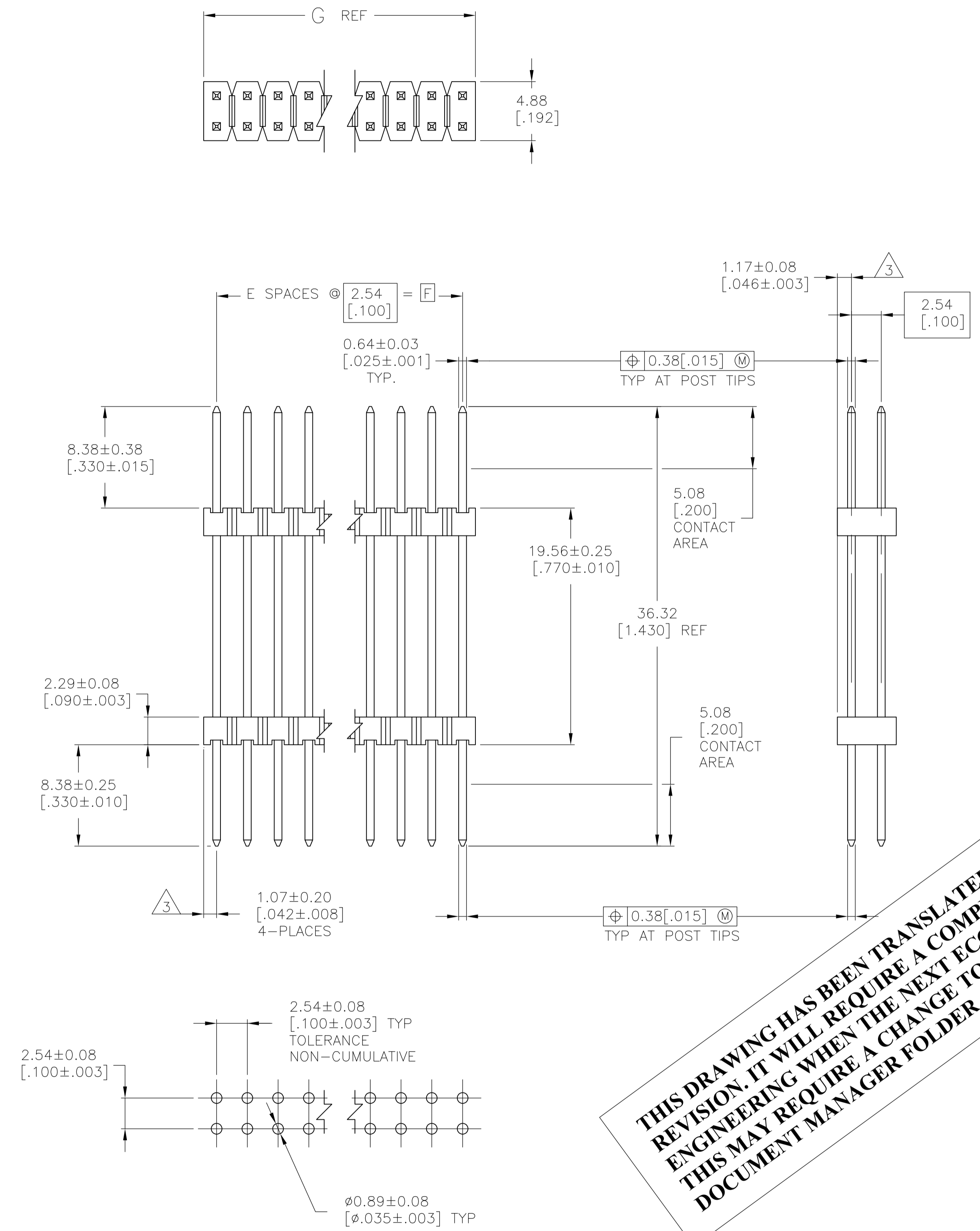


| REVISONS | | DATE | BY | APPV |
|----------|---------------------------|---------|----|------|
| P | REVISED PER ECO-11-004820 | 21MAR11 | RK | HMR |

- ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
- TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING
- HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.
- FINISH: 0.000381 [.000015] GOLD ON CONTACT AREA, OVER 0.00127 [.000050] NICKEL, ENTIRE POST.



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.

| PLC | PLC | PLC | PLC | PLC |
|----------------|---------------|-----|------------------|-------------|
| 101.19 [3.984] | 99.06 [3.900] | 39 | 80 | 4-146510-0 |
| 98.65 [3.884] | 96.52 [3.800] | 38 | 78 | 3-146510-9 |
| 96.11 [3.784] | 93.98 [3.700] | 37 | 76 | 3-146510-8 |
| 93.57 [3.684] | 91.44 [3.600] | 36 | 74 | 3-146510-7 |
| 91.03 [3.584] | 88.90 [3.500] | 35 | 72 | 3-146510-6 |
| 88.49 [3.484] | 86.36 [3.400] | 34 | 70 | 3-146510-5 |
| 85.95 [3.384] | 83.82 [3.300] | 33 | 68 | 3-146510-4 |
| 83.41 [3.284] | 81.28 [3.200] | 32 | 66 | 3-146510-3 |
| 80.87 [3.184] | 78.74 [3.100] | 31 | 64 | 3-146510-2 |
| 78.33 [3.084] | 76.20 [3.000] | 30 | 62 | 3-146510-1 |
| 75.79 [2.984] | 73.66 [2.900] | 29 | 60 | 3-146510-0 |
| 73.25 [2.884] | 71.12 [2.800] | 28 | 58 | 2-146510-9 |
| 70.71 [2.784] | 68.58 [2.700] | 27 | 56 | 2-146510-8 |
| 68.17 [2.684] | 66.04 [2.600] | 26 | 54 | 2-146510-7 |
| 65.63 [2.584] | 63.50 [2.500] | 25 | 52 | 2-146510-6 |
| 63.09 [2.484] | 60.96 [2.400] | 24 | 50 | 2-146510-5 |
| 60.55 [2.384] | 58.42 [2.300] | 23 | 48 | 2-146510-4 |
| 58.01 [2.284] | 55.88 [2.200] | 22 | 46 | 2-146510-3 |
| 55.47 [2.184] | 53.34 [2.100] | 21 | 44 | 2-146510-2 |
| 52.93 [2.084] | 50.80 [2.000] | 20 | 42 | 2-146510-1 |
| 50.39 [1.984] | 48.26 [1.900] | 19 | 40 | 2-146510-0 |
| 47.85 [1.884] | 45.72 [1.800] | 18 | 38 | 1-146510-9 |
| 45.31 [1.784] | 43.18 [1.700] | 17 | 36 | 1-146510-8 |
| 42.77 [1.684] | 40.64 [1.600] | 16 | 34 | 1-146510-7 |
| 40.23 [1.584] | 38.10 [1.500] | 15 | 32 | 1-146510-6 |
| 37.69 [1.484] | 35.56 [1.400] | 14 | 30 | 1-146510-5 |
| 35.15 [1.384] | 33.02 [1.300] | 13 | 28 | 1-146510-4 |
| 32.61 [1.284] | 30.48 [1.200] | 12 | 26 | 1-146510-3 |
| 30.07 [1.184] | 27.94 [1.100] | 11 | 24 | 1-146510-2 |
| 27.53 [1.084] | 25.40 [1.000] | 10 | 22 | 1-146510-1 |
| 24.99 [984] | 22.86 [900] | 9 | 20 | 1-146510-0 |
| 22.45 [884] | 20.32 [800] | 8 | 18 | 146510-9 |
| 19.91 [784] | 17.78 [700] | 7 | 16 | 146510-8 |
| 17.37 [684] | 15.24 [600] | 6 | 14 | 146510-7 |
| 14.83 [584] | 12.70 [500] | 5 | 12 | 146510-6 |
| 12.29 [484] | 10.16 [400] | 4 | 10 | 146510-5 |
| 9.75 [384] | 7.62 [300] | 3 | 8 | 146510-4 |
| 7.21 [284] | 5.08 [200] | 2 | 6 | 146510-3 |
| 4.67 [184] | 2.54 [100] | 1 | 4 | 146510-2 |
| 2.13 [84] | - | - | 2 | 146510-1 |
| G | F | E | NO. OF POSITIONS | PART NUMBER |

RECOMMENDED HOLE LAYOUT

THIS DRAWING IS A CONTROLLED DOCUMENT.

| | | | | | | | |
|-------------------------|--|-----------|-----------|-------------------|--------------------|----------------------|------------|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± - | 1 PLC ± - | 2 PLC ± 0.51[.02] | 3 PLC ± 0.12[.005] | 4 PLC ± 0.012[.0005] | ANGLES ± - |
|-------------------------|--|-----------|-----------|-------------------|--------------------|----------------------|------------|

MATERIAL: 4 FINISH: 5

| | | |
|------------------|-----------|-----------------|
| BRANDBERG | 12NOV96 | TE Connectivity |
| DUBNICZKI | 12NOV96 | |
| DUBNICZKI | 12NOV96 | |
| NAME | | |
| PRODUCT SPEC | | |
| APPLICATION SPEC | | |
| SIZE | CAGE CODE | DRAWING NO |
| A1 | 00779 | 146510 |
| WEIGHT | | |
| CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 1 |

Mouser Electronics

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[4-146510-0](#)