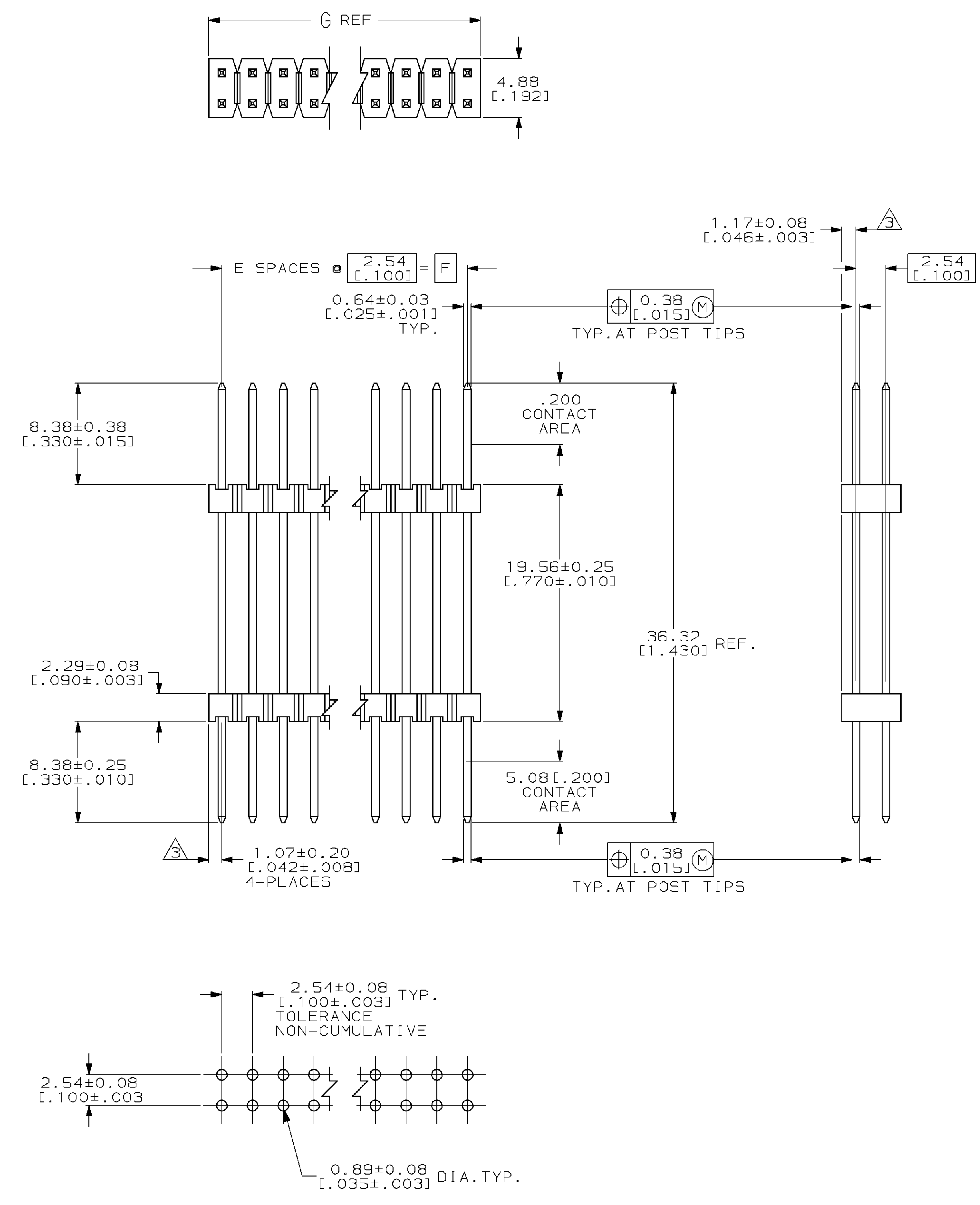


| REVISONS | | DATE | OWN | APVD |
|----------|-------------|-----------|-----|------|
| NO. | DESCRIPTION | | | |
| 0 | RELEASED | 12-NOV-96 | EB | GD |

- 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 [0.000015] GOLD ON CONTACT AREA, OVER 0.00127 [0.000050] NICKEL, ENTIRE POST.



RECOMMENDED HOLE LAYOUT

| LOC | DIST | NO. OF POSITIONS | PART NUMBER |
|----------------|---------------|------------------|-------------|
| 101.19 [3.984] | 99.06 [3.900] | 39 | 4-146510-0 |
| 98.65 [3.884] | 96.52 [3.800] | 38 | 3-146510-9 |
| 96.11 [3.784] | 93.98 [3.700] | 37 | 3-146510-8 |
| 93.57 [3.684] | 91.44 [3.600] | 36 | 3-146510-7 |
| 91.03 [3.584] | 88.90 [3.500] | 35 | 3-146510-6 |
| 88.49 [3.484] | 86.36 [3.400] | 34 | 3-146510-5 |
| 85.95 [3.384] | 83.82 [3.300] | 33 | 3-146510-4 |
| 83.41 [3.284] | 81.28 [3.200] | 32 | 3-146510-3 |
| 80.87 [3.184] | 78.74 [3.100] | 31 | 3-146510-2 |
| 78.33 [3.084] | 76.20 [3.000] | 30 | 3-146510-1 |
| 75.79 [2.984] | 73.66 [2.900] | 29 | 3-146510-0 |
| 73.25 [2.884] | 71.12 [2.800] | 28 | 2-146510-9 |
| 70.71 [2.784] | 68.58 [2.700] | 27 | 2-146510-8 |
| 68.17 [2.684] | 66.04 [2.600] | 26 | 2-146510-7 |
| 65.63 [2.584] | 63.50 [2.500] | 25 | 2-146510-6 |
| 63.09 [2.484] | 60.96 [2.400] | 24 | 2-146510-5 |
| 60.55 [2.384] | 58.42 [2.300] | 23 | 2-146510-4 |
| 58.01 [2.284] | 55.88 [2.200] | 22 | 2-146510-3 |
| 55.47 [2.184] | 53.34 [2.100] | 21 | 2-146510-2 |
| 52.93 [2.084] | 50.80 [2.000] | 20 | 2-146510-1 |
| 50.39 [1.984] | 48.26 [1.900] | 19 | 2-146510-0 |
| 47.85 [1.884] | 45.72 [1.800] | 18 | 1-146510-9 |
| 45.31 [1.784] | 43.18 [1.700] | 17 | 1-146510-8 |
| 42.77 [1.684] | 40.64 [1.600] | 16 | 1-146510-7 |
| 40.23 [1.584] | 38.10 [1.500] | 15 | 1-146510-6 |
| 37.69 [1.484] | 35.56 [1.400] | 14 | 1-146510-5 |
| 35.15 [1.384] | 33.02 [1.300] | 13 | 1-146510-4 |
| 32.61 [1.284] | 30.48 [1.200] | 12 | 1-146510-3 |
| 30.07 [1.184] | 27.94 [1.100] | 11 | 1-146510-2 |
| 27.53 [1.084] | 25.40 [1.000] | 10 | 1-146510-1 |
| 24.99 [0.984] | 22.86 [0.900] | 9 | 1-146510-0 |
| 22.45 [0.884] | 20.32 [0.800] | 8 | 146510-9 |
| 19.91 [0.784] | 17.78 [0.700] | 7 | 146510-8 |
| 17.37 [0.684] | 15.24 [0.600] | 6 | 146510-7 |
| 14.83 [0.584] | 12.70 [0.500] | 5 | 146510-6 |
| 12.29 [0.484] | 10.16 [0.400] | 4 | 146510-5 |
| 9.75 [0.384] | 7.62 [0.300] | 3 | 146510-4 |
| 7.21 [0.284] | 5.08 [0.200] | 2 | 146510-3 |
| 4.67 [0.184] | 2.54 [0.100] | 1 | 146510-2 |
| 2.13 [0.084] | - | - | 146510-1 |
| G | F | E | |

| | | | |
|--|--|--|--|
| <small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INSTRUMENTS. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING DEPARTMENT SHALL BE CONTACTED FOR THE LATEST REVISION.</small> | | DWN E. BRANDBERG 12-NOV-96 CHK G. DUBNICKI 12-NOV-96 APVD G. DUBNICKI 12-NOV-96 NAME G. DUBNICKI | AMP Incorporated Harrisburg, PA 17105-3508 |
| DIMENSIONS: mm (INCH) | TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.51 (L.02) 3 PLC ±0.127 (L.005) 4 PLC ±0.0127 (L.0005) ANGLES ± | PRODUCT SPEC APPLICATION SPEC | HEADER ASSEMBLY, MOD II, STACKING, DOUBLE ROW, .025 SQ. POST, UNSHROUDED |
| MATERIAL | FINISH | WEIGHT | SIZE A1 CAGE CODE 00779 DRAWING NO 146510 |
| CUSTOMER DRAWING | | SCALE | 4:1 SHEET 1 OF 1 REV 0 |