



RECOMMENDED HOLE LAYOUT

- 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, 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
- FINISH: 0.000381[.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [.000100-.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

| PLATING | G | F | E | NO. OF POSITIONS | PART NUMBER |
|---------|----------------|---------------|----|------------------|-------------|
| 6 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 9-146481-0 |
| 6 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | 8-146481-9 |
| 6 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | 8-146481-8 |
| 6 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | 8-146481-7 |
| 6 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 8-146481-6 |
| 6 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | 8-146481-5 |
| 6 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | 8-146481-4 |
| 6 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | 8-146481-3 |
| 6 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | 8-146481-2 |
| 6 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | 8-146481-1 |
| 6 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 8-146481-0 |
| 6 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | 7-146481-9 |
| 6 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | 7-146481-8 |
| 6 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | 7-146481-7 |
| 6 | 65.63 [2.584] | 63.50 [2.500] | 25 | 26 | 7-146481-6 |
| 6 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | 7-146481-5 |
| 6 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | 7-146481-4 |
| 6 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | 7-146481-3 |
| 6 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | 7-146481-2 |
| 6 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | 7-146481-1 |
| 6 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | 7-146481-0 |
| 6 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | 6-146481-9 |
| 6 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | 6-146481-8 |
| 6 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | 6-146481-7 |
| 6 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | 6-146481-6 |
| 6 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 6-146481-5 |
| 6 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 6-146481-4 |
| 6 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | 6-146481-3 |
| 6 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | 6-146481-2 |
| 6 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 6-146481-1 |
| 6 | 24.99 [.984] | 22.86 [.900] | 9 | 10 | 6-146481-0 |
| 6 | 22.45 [.884] | 20.32 [.800] | 8 | 9 | 5-146481-9 |
| 6 | 19.91 [.784] | 17.78 [.700] | 7 | 8 | 5-146481-8 |
| 6 | 17.37 [.684] | 15.24 [.600] | 6 | 7 | 5-146481-7 |
| 6 | 14.83 [.584] | 12.70 [.500] | 5 | 6 | 5-146481-6 |
| 6 | 12.29 [.484] | 10.16 [.400] | 4 | 5 | 5-146481-5 |
| 6 | 9.75 [.384] | 7.62 [.300] | 3 | 4 | 5-146481-4 |
| 6 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | 5-146481-3 |
| 6 | 4.67 [.184] | 2.54 [.100] | 1 | 2 | 5-146481-2 |
| 6 | 2.13 [.084] | - | - | 1 | 5-146481-1 |

| PLATING | G | F | E | NO. OF POSITIONS | PART NUMBER |
|---------|----------------|---------------|----|------------------|-------------|
| 5 | 101.19 [3.984] | 99.06 [3.900] | 39 | 40 | 4-146481-0 |
| 5 | 98.65 [3.884] | 96.52 [3.800] | 38 | 39 | 3-146481-9 |
| 5 | 96.11 [3.784] | 93.98 [3.700] | 37 | 38 | 3-146481-8 |
| 5 | 93.57 [3.684] | 91.44 [3.600] | 36 | 37 | 3-146481-7 |
| 5 | 91.03 [3.584] | 88.90 [3.500] | 35 | 36 | 3-146481-6 |
| 5 | 88.49 [3.484] | 86.36 [3.400] | 34 | 35 | 3-146481-5 |
| 5 | 85.95 [3.384] | 83.82 [3.300] | 33 | 34 | 3-146481-4 |
| 5 | 83.41 [3.284] | 81.28 [3.200] | 32 | 33 | 3-146481-3 |
| 5 | 80.87 [3.184] | 78.74 [3.100] | 31 | 32 | 3-146481-2 |
| 5 | 78.33 [3.084] | 76.20 [3.000] | 30 | 31 | 3-146481-1 |
| 5 | 75.79 [2.984] | 73.66 [2.900] | 29 | 30 | 3-146481-0 |
| 5 | 73.25 [2.884] | 71.12 [2.800] | 28 | 29 | 2-146481-9 |
| 5 | 70.71 [2.784] | 68.58 [2.700] | 27 | 28 | 2-146481-8 |
| 5 | 68.17 [2.684] | 66.04 [2.600] | 26 | 27 | 2-146481-7 |
| 5 | 65.63 [2.584] | 63.50 [2.500] | 25 | 26 | 2-146481-6 |
| 5 | 63.09 [2.484] | 60.96 [2.400] | 24 | 25 | 2-146481-5 |
| 5 | 60.55 [2.384] | 58.42 [2.300] | 23 | 24 | 2-146481-4 |
| 5 | 58.01 [2.284] | 55.88 [2.200] | 22 | 23 | 2-146481-3 |
| 5 | 55.47 [2.184] | 53.34 [2.100] | 21 | 22 | 2-146481-2 |
| 5 | 52.93 [2.084] | 50.80 [2.000] | 20 | 21 | 2-146481-1 |
| 5 | 50.39 [1.984] | 48.26 [1.900] | 19 | 20 | 2-146481-0 |
| 5 | 47.85 [1.884] | 45.72 [1.800] | 18 | 19 | 1-146481-9 |
| 5 | 45.31 [1.784] | 43.18 [1.700] | 17 | 18 | 1-146481-8 |
| 5 | 42.77 [1.684] | 40.64 [1.600] | 16 | 17 | 1-146481-7 |
| 5 | 40.23 [1.584] | 38.10 [1.500] | 15 | 16 | 1-146481-6 |
| 5 | 37.69 [1.484] | 35.56 [1.400] | 14 | 15 | 1-146481-5 |
| 5 | 35.15 [1.384] | 33.02 [1.300] | 13 | 14 | 1-146481-4 |
| 5 | 32.61 [1.284] | 30.48 [1.200] | 12 | 13 | 1-146481-3 |
| 5 | 30.07 [1.184] | 27.94 [1.100] | 11 | 12 | 1-146481-2 |
| 5 | 27.53 [1.084] | 25.40 [1.000] | 10 | 11 | 1-146481-1 |
| 5 | 24.99 [.984] | 22.86 [.900] | 9 | 10 | 1-146481-0 |
| 5 | 22.45 [.884] | 20.32 [.800] | 8 | 9 | 146481-9 |
| 5 | 19.91 [.784] | 17.78 [.700] | 7 | 8 | 146481-8 |
| 5 | 17.37 [.684] | 15.24 [.600] | 6 | 7 | 146481-7 |
| 5 | 14.83 [.584] | 12.70 [.500] | 5 | 6 | 146481-6 |
| 5 | 12.29 [.484] | 10.16 [.400] | 4 | 5 | 146481-5 |
| 5 | 9.75 [.384] | 7.62 [.300] | 3 | 4 | 146481-4 |
| 5 | 7.21 [.284] | 5.08 [.200] | 2 | 3 | 146481-3 |
| 5 | 4.67 [.184] | 2.54 [.100] | 1 | 2 | 146481-2 |
| 5 | 2.13 [.084] | - | - | 1 | 146481-1 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

| | |
|--------|-------------------|
| 0 PL | ± .0005 |
| 1 PL | ± .0010 |
| 2 PL | ± .0015 |
| 3 PL | ± .0020 |
| 4 PL | ± .0025 |
| ANGLES | ± .00127 [0.0005] |

MATERIAL: 4

FINISH: SEE TABLE

APPROVED: G. DUBNICZKI

DATE: 14-MAR-97

PRODUCT SPEC: 14-MAR-97

APPLICATION SPEC: 14-MAR-97

WEIGHT: -

CUSTOMER DRAWING: 00779

DRAWING NO: 146481

SCALE: 4:1

SHEET: 1 of 1

REV: A1

STE TE Connectivity

HEADER ASSEMBLY, MOD II, STACKING, SINGLE ROW, .025 SQ. POST, UNSHROUDED

Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6-146481-7](#)