



RECOMMENDED PC BOARD MOUNTING DIMENSIONS
 FOR .063 [1.60] THICK PC BOARD AND
 .012 [.305] STENCIL THICK.

- 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
- 0.00762 [.000030] GOLD IN CONTACT AREA, 0.00254-0.00508 [.0000100-.0000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.
- MATERIAL: HOUSING - LCP, COLOR: BLACK. POSTS - PHOSPHOR BRONZE
- 0.00762 [.000030] GOLD IN CONTACT AREA, 0.00254-0.00508 [.0000100-.0000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [.000050] NICKEL.

| | | | | | |
|---------|--------|-------|----|------------------|-------------|
| 6 | 101.19 | 99.06 | 39 | 40 | 9-146281-0 |
| 6 | 98.65 | 96.52 | 38 | 39 | 8-146281-9 |
| 6 | 96.11 | 93.98 | 37 | 38 | 8-146281-8 |
| 6 | 93.57 | 91.44 | 36 | 37 | 8-146281-7 |
| 6 | 91.03 | 88.90 | 35 | 36 | 8-146281-6 |
| 6 | 88.49 | 86.36 | 34 | 35 | 8-146281-5 |
| 6 | 85.95 | 83.82 | 33 | 34 | 8-146281-4 |
| 6 | 83.41 | 81.28 | 32 | 33 | 8-146281-3 |
| 6 | 80.87 | 78.74 | 31 | 32 | 8-146281-2 |
| 6 | 78.33 | 76.20 | 30 | 31 | 8-146281-1 |
| 6 | 75.79 | 73.66 | 29 | 30 | 8-146281-0 |
| 6 | 73.25 | 71.12 | 28 | 29 | 7-146281-9 |
| 6 | 70.71 | 68.58 | 27 | 28 | 7-146281-8 |
| 6 | 68.17 | 66.04 | 26 | 27 | 7-146281-7 |
| 6 | 65.63 | 63.5 | 25 | 26 | 7-146281-6 |
| 6 | 63.09 | 60.96 | 24 | 25 | 7-146281-5 |
| 6 | 60.55 | 58.42 | 23 | 24 | 7-146281-4 |
| 6 | 58.01 | 55.88 | 22 | 23 | 7-146281-3 |
| 6 | 55.47 | 53.34 | 21 | 22 | 7-146281-2 |
| 6 | 52.93 | 50.80 | 20 | 21 | 7-146281-1 |
| 6 | 50.39 | 48.26 | 19 | 20 | 7-146281-0 |
| 6 | 47.85 | 45.72 | 18 | 19 | 6-146281-9 |
| 6 | 45.31 | 43.18 | 17 | 18 | 6-146281-8 |
| 6 | 42.77 | 40.64 | 16 | 17 | 6-146281-7 |
| 6 | 40.23 | 38.10 | 15 | 16 | 6-146281-6 |
| 6 | 37.69 | 35.56 | 14 | 15 | 6-146281-5 |
| 6 | 35.15 | 33.02 | 13 | 14 | 6-146281-4 |
| 6 | 32.61 | 30.48 | 12 | 13 | 6-146281-3 |
| 6 | 30.07 | 27.94 | 11 | 12 | 6-146281-2 |
| 6 | 27.53 | 25.40 | 10 | 11 | 6-146281-1 |
| 6 | 24.99 | 22.86 | 9 | 10 | 6-146281-0 |
| 6 | 22.45 | 20.32 | 8 | 9 | 5-146281-9 |
| 6 | 19.91 | 17.78 | 7 | 8 | 5-146281-8 |
| 6 | 17.37 | 15.24 | 6 | 7 | 5-146281-7 |
| 6 | 14.83 | 12.70 | 5 | 6 | 5-146281-6 |
| 6 | 12.29 | 10.16 | 4 | 5 | 5-146281-5 |
| 6 | 9.75 | 7.62 | 3 | 4 | 5-146281-4 |
| 6 | 7.21 | 5.08 | 2 | 3 | 5-146281-3 |
| 6 | 4.67 | 2.54 | 1 | 2 | 5-146281-2 |
| 6 | 2.13 | - | 0 | 1 | 5-146281-1 |
| PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |

| | | | | | |
|---------|--------|-------|----|------------------|-------------|
| 4 | 101.19 | 99.06 | 39 | 40 | 4-146281-0 |
| 4 | 98.65 | 96.52 | 38 | 39 | 3-146281-9 |
| 4 | 96.11 | 93.98 | 37 | 38 | 3-146281-8 |
| 4 | 93.57 | 91.44 | 36 | 37 | 3-146281-7 |
| 4 | 91.03 | 88.90 | 35 | 36 | 3-146281-6 |
| 4 | 88.49 | 86.36 | 34 | 35 | 3-146281-5 |
| 4 | 85.95 | 83.82 | 33 | 34 | 3-146281-4 |
| 4 | 83.41 | 81.28 | 32 | 33 | 3-146281-3 |
| 4 | 80.87 | 78.74 | 31 | 32 | 3-146281-2 |
| 4 | 78.33 | 76.20 | 30 | 31 | 3-146281-1 |
| 4 | 75.79 | 73.66 | 29 | 30 | 3-146281-0 |
| 4 | 73.25 | 71.12 | 28 | 29 | 2-146281-9 |
| 4 | 70.71 | 68.58 | 27 | 28 | 2-146281-8 |
| 4 | 68.17 | 66.04 | 26 | 27 | 2-146281-7 |
| 4 | 65.63 | 63.5 | 25 | 26 | 2-146281-6 |
| 4 | 63.09 | 60.96 | 24 | 25 | 2-146281-5 |
| 4 | 60.55 | 58.42 | 23 | 24 | 2-146281-4 |
| 4 | 58.01 | 55.88 | 22 | 23 | 2-146281-3 |
| 4 | 55.47 | 53.34 | 21 | 22 | 2-146281-2 |
| 4 | 52.93 | 50.80 | 20 | 21 | 2-146281-1 |
| 4 | 50.39 | 48.26 | 19 | 20 | 2-146281-0 |
| 4 | 47.85 | 45.72 | 18 | 19 | 1-146281-9 |
| 4 | 45.31 | 43.18 | 17 | 18 | 1-146281-8 |
| 4 | 42.77 | 40.64 | 16 | 17 | 1-146281-7 |
| 4 | 40.23 | 38.10 | 15 | 16 | 1-146281-6 |
| 4 | 37.69 | 35.56 | 14 | 15 | 1-146281-5 |
| 4 | 35.15 | 33.02 | 13 | 14 | 1-146281-4 |
| 4 | 32.61 | 30.48 | 12 | 13 | 1-146281-3 |
| 4 | 30.07 | 27.94 | 11 | 12 | 1-146281-2 |
| 4 | 27.53 | 25.40 | 10 | 11 | 1-146281-1 |
| 4 | 24.99 | 22.86 | 9 | 10 | 1-146281-0 |
| 4 | 22.45 | 20.32 | 8 | 9 | 146281-9 |
| 4 | 19.91 | 17.78 | 7 | 8 | 146281-8 |
| 4 | 17.37 | 15.24 | 6 | 7 | 146281-7 |
| 4 | 14.83 | 12.70 | 5 | 6 | 146281-6 |
| 4 | 12.29 | 10.16 | 4 | 5 | 146281-5 |
| 4 | 9.75 | 7.62 | 3 | 4 | 146281-4 |
| 4 | 7.21 | 5.08 | 2 | 3 | 146281-3 |
| 4 | 4.67 | 2.54 | 1 | 2 | 146281-2 |
| 4 | 2.13 | - | 0 | 1 | 146281-1 |
| PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN T. HOFFMAN 5/12/95
 DIMENSIONS: mm [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED:
 0 PLC ± -
 1 PLC ± .0127 [.005]
 2 PLC ± .0254 [.010]
 3 PLC ± .051 [.02]
 4 PLC ± .127 [.005]
 5 PLC ± .0127 [.005]
 ANGLE FINISH SEE TABLE

DWG T. HOFFMAN 5/12/95
 CHK G. DUBNICZKI 3/18/96
 APD G. DUBNICZKI 3/18/96
 NAME G. DUBNICZKI
 PRODUCT SPEC
 APPLICATION SPEC
 WEIGHT -
 CUSTOMER DRAWING

TYCO Electronics Tyco Electronics Corporation
 Harrisburg, Pa 17105-3608
 HEADER ASSEMBLY, MOD II, BREAKWAY,
 SINGLE ROW, HIGH TEMPERATURE, VERTICAL
 W/.025 SQ POSTS, .100 C
 SIZE A1 CAGE CODE DRAWING NO 00779 C=146281
 RESTRICTED TO
 SCALE 4:1 SHEET 1 OF 1 REV F