



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

1. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD.
2. THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.
3. RETENTION FEATURES ON SOLDER TAILS, LOCATED AT MANUFACTURERS OPTION.
4. ϕ 0.51[.020]Ⓜ FOR KINKED TAILS.
5. HOUSING: LCP, COLOR-BLACK. POST: COPPER ALLOY.
6. 0.000381 [0.00015] GOLD IN CONTACT AREA, 0.00254-0.00508 [0.000100-0.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127 [0.00050] NICKEL.
7. 0.000381 [0.00015] GOLD IN CONTACT AREA, 0.00254-0.00508 [0.000100-0.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127 [0.00050] NICKEL.
8. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

| PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER | PLATING | C | B | A | NO. OF POSITIONS | PART NUMBER |
|---------|----------------|---------------|----|------------------|-------------|---------|----------------|---------------|----|------------------|-------------|
| 7 | 101.19 [3.984] | 99.06 [3.900] | 39 | 80 | 9-146268-0 | 6 | 101.19 [3.984] | 99.06 [3.900] | 39 | 80 | 4-146268-0 |
| 8 | 98.65 [3.884] | 96.52 [3.800] | 38 | 78 | 8-146268-9 | 6 | 98.65 [3.884] | 96.52 [3.800] | 38 | 78 | 3-146268-9 |
| 8 | 96.11 [3.784] | 93.98 [3.700] | 37 | 76 | 8-146268-8 | 6 | 96.11 [3.784] | 93.98 [3.700] | 37 | 76 | 3-146268-8 |
| 8 | 93.57 [3.684] | 91.44 [3.600] | 36 | 74 | 8-146268-7 | 6 | 93.57 [3.684] | 91.44 [3.600] | 36 | 74 | 3-146268-7 |
| 8 | 91.03 [3.584] | 88.90 [3.500] | 35 | 72 | 8-146268-6 | 6 | 91.03 [3.584] | 88.90 [3.500] | 35 | 72 | 3-146268-6 |
| 8 | 88.49 [3.484] | 86.36 [3.400] | 34 | 70 | 8-146268-5 | 6 | 88.49 [3.484] | 86.36 [3.400] | 34 | 70 | 3-146268-5 |
| 8 | 85.95 [3.384] | 83.82 [3.300] | 33 | 68 | 8-146268-4 | 6 | 85.95 [3.384] | 83.82 [3.300] | 33 | 68 | 3-146268-4 |
| 8 | 83.41 [3.284] | 81.28 [3.200] | 32 | 66 | 8-146268-3 | 6 | 83.41 [3.284] | 81.28 [3.200] | 32 | 66 | 3-146268-3 |
| 8 | 80.87 [3.184] | 78.74 [3.100] | 31 | 64 | 8-146268-2 | 6 | 80.87 [3.184] | 78.74 [3.100] | 31 | 64 | 3-146268-2 |
| 8 | 78.33 [3.084] | 76.20 [3.000] | 30 | 62 | 8-146268-1 | 6 | 78.33 [3.084] | 76.20 [3.000] | 30 | 62 | 3-146268-1 |
| 8 | 75.79 [2.984] | 73.66 [2.900] | 29 | 60 | 8-146268-0 | 6 | 75.79 [2.984] | 73.66 [2.900] | 29 | 60 | 3-146268-0 |
| 8 | 73.25 [2.884] | 71.12 [2.800] | 28 | 58 | 7-146268-9 | 6 | 73.25 [2.884] | 71.12 [2.800] | 28 | 58 | 2-146268-9 |
| 8 | 70.71 [2.784] | 68.58 [2.700] | 27 | 56 | 7-146268-8 | 6 | 70.71 [2.784] | 68.58 [2.700] | 27 | 56 | 2-146268-8 |
| 8 | 68.17 [2.684] | 66.04 [2.600] | 26 | 54 | 7-146268-7 | 6 | 68.17 [2.684] | 66.04 [2.600] | 26 | 54 | 2-146268-7 |
| 8 | 65.63 [2.584] | 63.5 [2.500] | 25 | 52 | 7-146268-6 | 6 | 65.63 [2.584] | 63.5 [2.500] | 25 | 52 | 2-146268-6 |
| 8 | 63.09 [2.484] | 60.96 [2.400] | 24 | 50 | 7-146268-5 | 6 | 63.09 [2.484] | 60.96 [2.400] | 24 | 50 | 2-146268-5 |
| 8 | 60.55 [2.384] | 58.42 [2.300] | 23 | 48 | 7-146268-4 | 6 | 60.55 [2.384] | 58.42 [2.300] | 23 | 48 | 2-146268-4 |
| 8 | 58.01 [2.284] | 55.88 [2.200] | 22 | 46 | 7-146268-3 | 6 | 58.01 [2.284] | 55.88 [2.200] | 22 | 46 | 2-146268-3 |
| 8 | 55.47 [2.184] | 53.34 [2.100] | 21 | 44 | 7-146268-2 | 6 | 55.47 [2.184] | 53.34 [2.100] | 21 | 44 | 2-146268-2 |
| 8 | 52.93 [2.084] | 50.80 [2.000] | 20 | 42 | 7-146268-1 | 6 | 52.93 [2.084] | 50.80 [2.000] | 20 | 42 | 2-146268-1 |
| 8 | 50.39 [1.984] | 48.26 [1.900] | 19 | 40 | 7-146268-0 | 6 | 50.39 [1.984] | 48.26 [1.900] | 19 | 40 | 2-146268-0 |
| 8 | 47.85 [1.884] | 45.72 [1.800] | 18 | 38 | 6-146268-9 | 6 | 47.85 [1.884] | 45.72 [1.800] | 18 | 38 | 1-146268-9 |
| 8 | 45.31 [1.784] | 43.18 [1.700] | 17 | 36 | 6-146268-8 | 6 | 45.31 [1.784] | 43.18 [1.700] | 17 | 36 | 1-146268-8 |
| 8 | 42.77 [1.684] | 40.64 [1.600] | 16 | 34 | 6-146268-7 | 6 | 42.77 [1.684] | 40.64 [1.600] | 16 | 34 | 1-146268-7 |
| 8 | 40.23 [1.584] | 38.10 [1.500] | 15 | 32 | 6-146268-6 | 6 | 40.23 [1.584] | 38.10 [1.500] | 15 | 32 | 1-146268-6 |
| 8 | 37.69 [1.484] | 35.56 [1.400] | 14 | 30 | 6-146268-5 | 6 | 37.69 [1.484] | 35.56 [1.400] | 14 | 30 | 1-146268-5 |
| 8 | 35.15 [1.384] | 33.02 [1.300] | 13 | 28 | 6-146268-4 | 6 | 35.15 [1.384] | 33.02 [1.300] | 13 | 28 | 1-146268-4 |
| 8 | 32.61 [1.284] | 30.48 [1.200] | 12 | 26 | 6-146268-3 | 6 | 32.61 [1.284] | 30.48 [1.200] | 12 | 26 | 1-146268-3 |
| 8 | 30.07 [1.184] | 27.94 [1.100] | 11 | 24 | 6-146268-2 | 6 | 30.07 [1.184] | 27.94 [1.100] | 11 | 24 | 1-146268-2 |
| 8 | 27.53 [1.084] | 25.40 [1.000] | 10 | 22 | 6-146268-1 | 6 | 27.53 [1.084] | 25.40 [1.000] | 10 | 22 | 1-146268-1 |
| 8 | 24.99 [.984] | 22.86 [.900] | 9 | 20 | 6-146268-0 | 6 | 24.99 [.984] | 22.86 [.900] | 9 | 20 | 1-146268-0 |
| 8 | 22.45 [.884] | 20.32 [.800] | 8 | 18 | 5-146268-9 | 6 | 22.45 [.884] | 20.32 [.800] | 8 | 18 | 1-146268-9 |
| 8 | 19.91 [.784] | 17.78 [.700] | 7 | 16 | 5-146268-8 | 6 | 19.91 [.784] | 17.78 [.700] | 7 | 16 | 1-146268-8 |
| 8 | 17.37 [.684] | 15.24 [.600] | 6 | 14 | 5-146268-7 | 6 | 17.37 [.684] | 15.24 [.600] | 6 | 14 | 1-146268-7 |
| 8 | 14.83 [.584] | 12.70 [.500] | 5 | 12 | 5-146268-6 | 6 | 14.83 [.584] | 12.70 [.500] | 5 | 12 | 1-146268-6 |
| 8 | 12.29 [.484] | 10.16 [.400] | 4 | 10 | 5-146268-5 | 6 | 12.29 [.484] | 10.16 [.400] | 4 | 10 | 1-146268-5 |
| 8 | 9.75 [.384] | 7.62 [.300] | 3 | 8 | 5-146268-4 | 6 | 9.75 [.384] | 7.62 [.300] | 3 | 8 | 146268-4 |
| 8 | 7.21 [.284] | 5.08 [.200] | 2 | 6 | 5-146268-3 | 6 | 7.21 [.284] | 5.08 [.200] | 2 | 6 | 146268-3 |
| 8 | 4.67 [.184] | 2.54 [.100] | 1 | 4 | 5-146268-2 | 6 | 4.67 [.184] | 2.54 [.100] | 1 | 4 | 146268-2 |
| 8 | 2.13 [.084] | - [-] | - | 2 | 5-146268-1 | 6 | 2.13 [.084] | - [-] | - | 2 | 146268-1 |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

| | | |
|--------|---|---------------|
| 0 PLC | ± | - |
| 1 PLC | ± | 0.51[.02] |
| 2 PLC | ± | 0.127[.005] |
| 3 PLC | ± | 0.025[.001] |
| 4 PLC | ± | 0.0127[.0005] |
| ANGLES | ± | - |

MATERIAL: 5

FINISH: SEE TABLE

APPROVED: T. HOFFMAN, G. DUBNICZKI

DATE: 04MAR96

NAME: G. DUBNICZKI

PRODUCT SPEC: -

APPLICATION SPEC: -

WEIGHT: -

CUSTOMER DRAWING

SCALE: 4:1

SHEET: 1 OF 1

REV: H

STE TE Connectivity

HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, .100 X 100 CL, VERTICAL, WITH RETENTION FEATURE, .025 SQ.POSTS, HIGH TEMPERATURE

SIZE: A1

00779

146268

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