



RECOMMENDED PC BOARD MOUNTING DIMENSIONS
 FOR .063 [1.60] THICK PC BOARD AND
 .012 [0.305] 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. $\text{Ø} 0.51 [0.020] \text{M}$ FOR KINKED TAILS.
5. 0.00254-0.00508 [0.00100-.000200] MATTE TIN-LEAD OVER 0.00127 [0.000050] NICKEL.
6. HOUSING: LCP, COLOR-BLACK.
7. POST: PHOSPHOR BRONZE
8. 0.00254-0.00508 [0.00100-.000200] MATTE TIN OVER 0.00127 [0.000050] NICKEL.
9. PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
10. .000100-.000200 BRIGHT TIN OVER .000050 NICKEL.

| | | | | | |
|----------------|---------------|----|---------|------------------|-------------|
| 101.19 [3.984] | 99.06 [3.900] | 39 | 8 | 80 | 9-146266-0 |
| 98.65 [3.884] | 96.52 [3.800] | 38 | 8 | 78 | 8-146266-9 |
| 96.11 [3.784] | 93.98 [3.700] | 37 | 8 | 76 | 8-146266-8 |
| 93.57 [3.684] | 91.44 [3.600] | 36 | 8 | 74 | 8-146266-7 |
| 91.03 [3.584] | 88.90 [3.500] | 35 | 8 | 72 | 8-146266-6 |
| 88.49 [3.484] | 86.36 [3.400] | 34 | 8 | 70 | 8-146266-5 |
| 85.95 [3.384] | 83.82 [3.300] | 33 | 8 | 68 | 8-146266-4 |
| 83.41 [3.284] | 81.28 [3.200] | 32 | 8 | 66 | 8-146266-3 |
| 80.87 [3.184] | 78.74 [3.100] | 31 | 8 | 64 | 8-146266-2 |
| 78.33 [3.084] | 76.20 [3.000] | 30 | 8 | 62 | 8-146266-1 |
| 75.79 [2.984] | 73.66 [2.900] | 29 | 8 | 60 | 8-146266-0 |
| 73.25 [2.884] | 71.12 [2.800] | 28 | 8 | 58 | 7-146266-9 |
| 70.71 [2.784] | 68.58 [2.700] | 27 | 8 | 56 | 7-146266-8 |
| 68.17 [2.684] | 66.04 [2.600] | 26 | 8 | 54 | 7-146266-7 |
| 65.63 [2.584] | 63.5 [2.500] | 25 | 8 | 52 | 7-146266-6 |
| 63.09 [2.484] | 60.96 [2.400] | 24 | 8 | 50 | 7-146266-5 |
| 60.55 [2.384] | 58.42 [2.300] | 23 | 8 | 48 | 7-146266-4 |
| 58.01 [2.284] | 55.88 [2.200] | 22 | 8 | 46 | 7-146266-3 |
| 55.47 [2.184] | 53.34 [2.100] | 21 | 8 | 44 | 7-146266-2 |
| 52.93 [2.084] | 50.80 [2.000] | 20 | 8 | 42 | 7-146266-1 |
| 50.39 [1.984] | 48.26 [1.900] | 19 | 8 | 40 | 7-146266-0 |
| 47.85 [1.884] | 45.72 [1.800] | 18 | 8 | 38 | 6-146266-9 |
| 45.31 [1.784] | 43.18 [1.700] | 17 | 8 | 36 | 6-146266-8 |
| 42.77 [1.684] | 40.64 [1.600] | 16 | 8 | 34 | 6-146266-7 |
| 40.23 [1.584] | 38.10 [1.500] | 15 | 8 | 32 | 6-146266-6 |
| 37.69 [1.484] | 35.56 [1.400] | 14 | 8 | 30 | 6-146266-5 |
| 35.15 [1.384] | 33.02 [1.300] | 13 | 8 | 28 | 6-146266-4 |
| 32.61 [1.284] | 30.48 [1.200] | 12 | 8 | 26 | 6-146266-3 |
| 30.07 [1.184] | 27.94 [1.100] | 11 | 8 | 24 | 6-146266-2 |
| 27.53 [1.084] | 25.40 [1.000] | 10 | 8 | 22 | 6-146266-1 |
| 24.99 [0.984] | 22.86 [0.900] | 9 | 8 | 20 | 6-146266-0 |
| 22.45 [0.884] | 20.32 [0.800] | 8 | 8 | 18 | 5-146266-9 |
| 19.91 [0.784] | 17.78 [0.700] | 7 | 8 | 16 | 5-146266-8 |
| 17.37 [0.684] | 15.24 [0.600] | 6 | 8 | 14 | 5-146266-7 |
| 14.83 [0.584] | 12.70 [0.500] | 5 | 8 | 12 | 5-146266-6 |
| 12.29 [0.484] | 10.16 [0.400] | 4 | 8 | 10 | 5-146266-5 |
| 9.75 [0.384] | 7.62 [0.300] | 3 | 8 | 8 | 5-146266-4 |
| 7.21 [0.284] | 5.08 [0.200] | 2 | 8 | 6 | 5-146266-3 |
| 4.67 [0.184] | 2.54 [0.100] | 1 | 8 | 4 | 5-146266-2 |
| 2.13 [0.084] | - | - | 8 | 2 | 5-146266-1 |
| C | B | A | PLATING | NO. OF POSITIONS | PART NUMBER |

| | | | | | |
|----------------|---------------|----|---------|------------------|-------------|
| 17.37 [0.684] | 15.24 [0.600] | 6 | 8 | 14 | 4-146266-2 |
| 101.19 [3.984] | 99.06 [3.900] | 39 | 8 | 80 | 4-146266-1 |
| 101.19 [3.984] | 99.06 [3.900] | 39 | 5 | 80 | 4-146266-0 |
| 98.65 [3.884] | 96.52 [3.800] | 38 | 5 | 78 | 3-146266-9 |
| 96.11 [3.784] | 93.98 [3.700] | 37 | 5 | 76 | 3-146266-8 |
| 93.57 [3.684] | 91.44 [3.600] | 36 | 5 | 74 | 3-146266-7 |
| 91.03 [3.584] | 88.90 [3.500] | 35 | 5 | 72 | 3-146266-6 |
| 88.49 [3.484] | 86.36 [3.400] | 34 | 5 | 70 | 3-146266-5 |
| 85.95 [3.384] | 83.82 [3.300] | 33 | 5 | 68 | 3-146266-4 |
| 83.41 [3.284] | 81.28 [3.200] | 32 | 5 | 66 | 3-146266-3 |
| 80.87 [3.184] | 78.74 [3.100] | 31 | 5 | 64 | 3-146266-2 |
| 78.33 [3.084] | 76.20 [3.000] | 30 | 5 | 62 | 3-146266-1 |
| 75.79 [2.984] | 73.66 [2.900] | 29 | 5 | 60 | 3-146266-0 |
| 73.25 [2.884] | 71.12 [2.800] | 28 | 5 | 58 | 2-146266-9 |
| 70.71 [2.784] | 68.58 [2.700] | 27 | 5 | 56 | 2-146266-8 |
| 68.17 [2.684] | 66.04 [2.600] | 26 | 5 | 54 | 2-146266-7 |
| 65.63 [2.584] | 63.5 [2.500] | 25 | 5 | 52 | 2-146266-6 |
| 63.09 [2.484] | 60.96 [2.400] | 24 | 5 | 50 | 2-146266-5 |
| 60.55 [2.384] | 58.42 [2.300] | 23 | 5 | 48 | 2-146266-4 |
| 58.01 [2.284] | 55.88 [2.200] | 22 | 5 | 46 | 2-146266-3 |
| 55.47 [2.184] | 53.34 [2.100] | 21 | 5 | 44 | 2-146266-2 |
| 52.93 [2.084] | 50.80 [2.000] | 20 | 5 | 42 | 2-146266-1 |
| 50.39 [1.984] | 48.26 [1.900] | 19 | 5 | 40 | 2-146266-0 |
| 47.85 [1.884] | 45.72 [1.800] | 18 | 5 | 38 | 1-146266-9 |
| 45.31 [1.784] | 43.18 [1.700] | 17 | 5 | 36 | 1-146266-8 |
| 42.77 [1.684] | 40.64 [1.600] | 16 | 5 | 34 | 1-146266-7 |
| 40.23 [1.584] | 38.10 [1.500] | 15 | 5 | 32 | 1-146266-6 |
| 37.69 [1.484] | 35.56 [1.400] | 14 | 5 | 30 | 1-146266-5 |
| 35.15 [1.384] | 33.02 [1.300] | 13 | 5 | 28 | 1-146266-4 |
| 32.61 [1.284] | 30.48 [1.200] | 12 | 5 | 26 | 1-146266-3 |
| 30.07 [1.184] | 27.94 [1.100] | 11 | 5 | 24 | 1-146266-2 |
| 27.53 [1.084] | 25.40 [1.000] | 10 | 5 | 22 | 1-146266-1 |
| 24.99 [0.984] | 22.86 [0.900] | 9 | 5 | 20 | 1-146266-0 |
| 22.45 [0.884] | 20.32 [0.800] | 8 | 5 | 18 | 146266-9 |
| 19.91 [0.784] | 17.78 [0.700] | 7 | 5 | 16 | 146266-8 |
| 17.37 [0.684] | 15.24 [0.600] | 6 | 5 | 14 | 146266-7 |
| 14.83 [0.584] | 12.70 [0.500] | 5 | 5 | 12 | 146266-6 |
| 12.29 [0.484] | 10.16 [0.400] | 4 | 5 | 10 | 146266-5 |
| 9.75 [0.384] | 7.62 [0.300] | 3 | 5 | 8 | 146266-4 |
| 7.21 [0.284] | 5.08 [0.200] | 2 | 5 | 6 | 146266-3 |
| 4.67 [0.184] | 2.54 [0.100] | 1 | 5 | 4 | 146266-2 |
| 2.13 [0.084] | - | - | 5 | 2 | 146266-1 |
| C | B | A | PLATING | NO. OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

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|-----------------------------|--|-----------|----------------------|----------------------|------------------------|-----------|---------------|
| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: | 0 PLC ± - | 1 PLC ± 0.05 [0.002] | 2 PLC ± 0.13 [0.005] | 3 PLC ± 0.013 [0.0005] | 4 PLC ± - | ANGLES ± - |
| MATERIAL HOUSING : Δ | FINISH SEE TABLE | WEIGHT - | SIZE A1 | SCALE 4:1 | SHEET 1 OF 1 | REV K | RESTRICTED TO |

DATE: 200795
 CHK: G. DUBNICZKI
 APVD: G. DUBNICZKI
 NAME: G. DUBNICZKI
 PRODUCT SPEC: HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW, .100 X.100CL, VERTICAL, WITH RETENTION FEATURE, .025 SQ.POSTS, HIGH TEMPERATURE
 CUSTOMER DRAWING