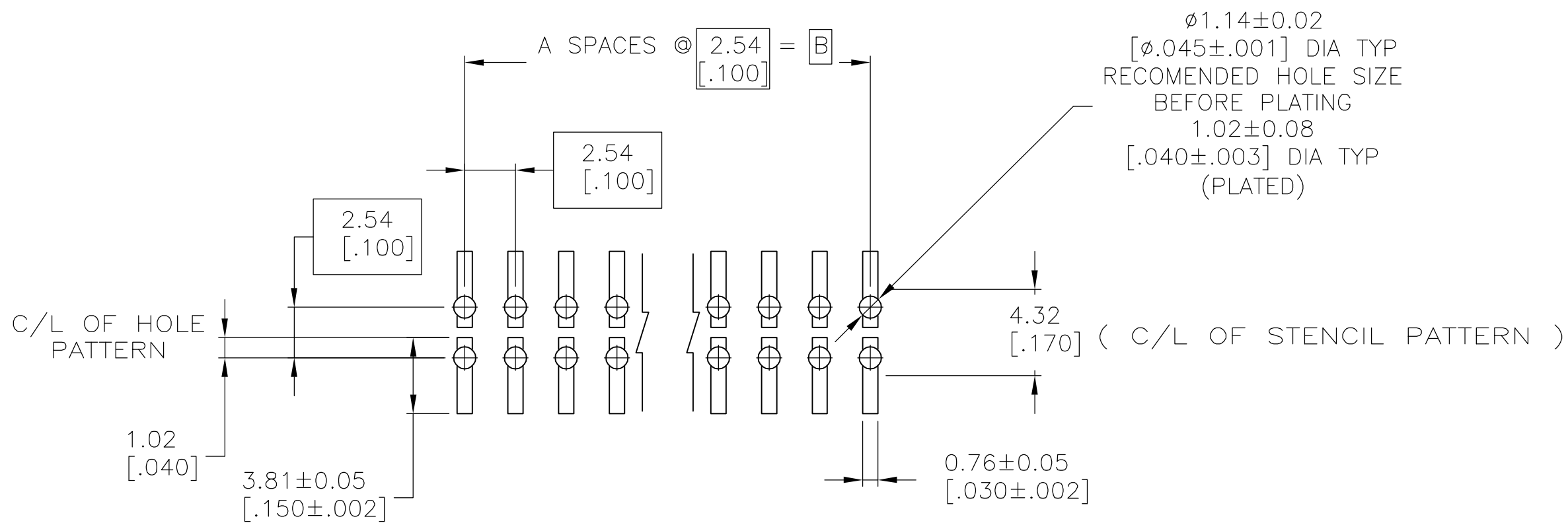
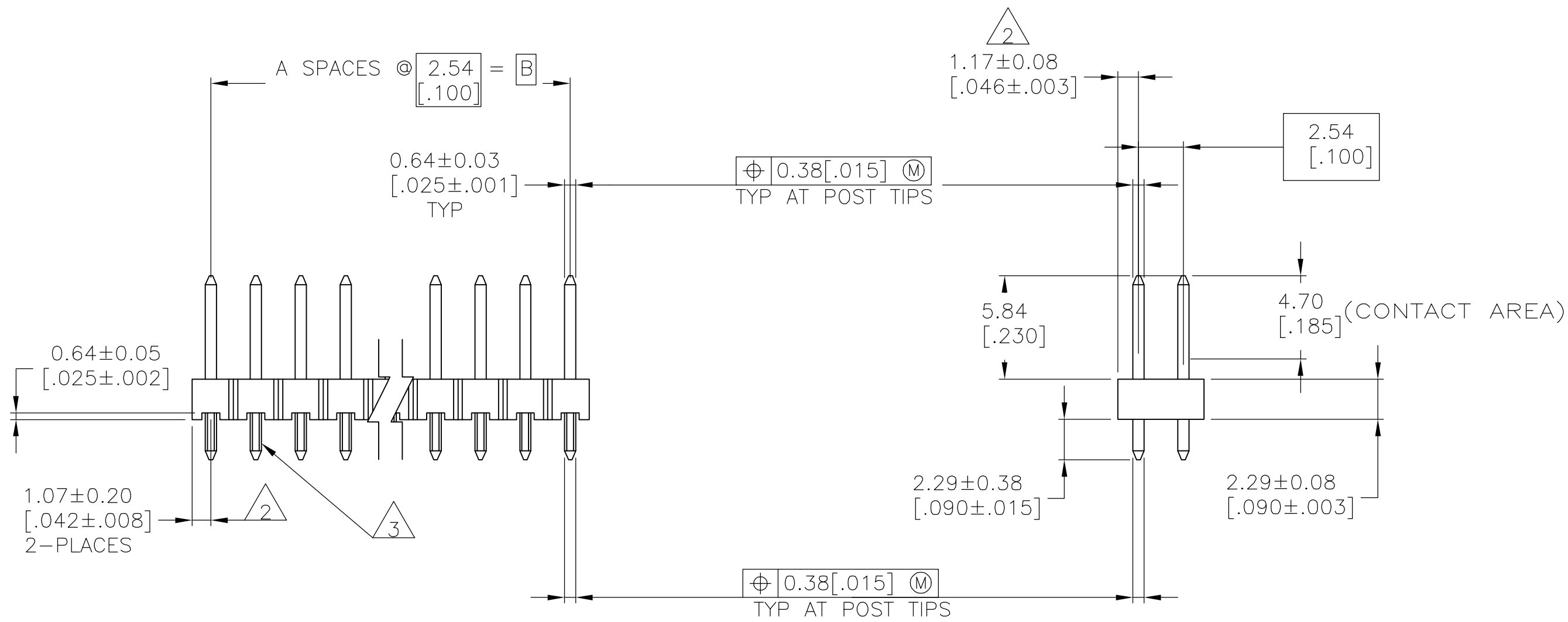
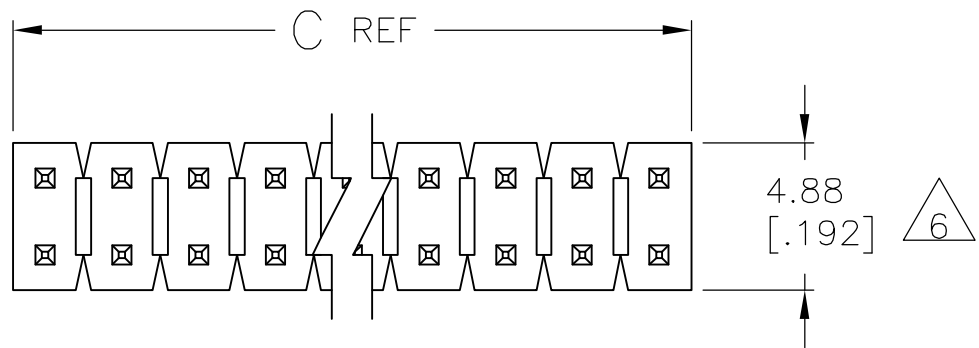


|   |                                                                                    |
|---|------------------------------------------------------------------------------------|
| 2 | THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.            |
| 3 | RETENTION FEATURES ON SOLDER TAILS, LOCATED AT MANUFACTURERS OPTION.               |
| 4 | HOUSING: LCP, COLOR-BLACK. POST: PHOSPHOR BRONZE                                   |
| 5 | 0.00254-0.00508 [.000100-.000200] MATTE TIN-LEAD<br>OVER 0.00127 [.000050] NICKEL. |
| 6 | THIS DIMENSION WILL BE 4.67[.184] FOR THE 2 POSITION CONFIGURATION                 |
| 7 | 0.00254-0.00508 [.000100-.000200] MATTE TIN<br>OVER 0.00127 [.000050] NICKEL.      |



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

|         |                   |                  |    |                     |             |         |                   |                  |    |                     |             |
|---------|-------------------|------------------|----|---------------------|-------------|---------|-------------------|------------------|----|---------------------|-------------|
| 7       | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80                  | 9-146270-0  | 5       | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80                  | 4-146270-0  |
| 7       | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78                  | 8-146270-9  | 5       | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78                  | 3-146270-9  |
| 7       | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76                  | 8-146270-8  | 5       | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76                  | 3-146270-8  |
| 7       | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74                  | 8-146270-7  | 5       | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74                  | 3-146270-7  |
| 7       | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72                  | 8-146270-6  | 5       | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72                  | 3-146270-6  |
| 7       | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70                  | 8-146270-5  | 5       | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70                  | 3-146270-5  |
| 7       | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68                  | 8-146270-4  | 5       | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68                  | 3-146270-4  |
| 7       | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66                  | 8-146270-3  | 5       | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66                  | 3-146270-3  |
| 7       | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64                  | 8-146270-2  | 5       | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64                  | 3-146270-2  |
| 7       | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62                  | 8-146270-1  | 5       | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62                  | 3-146270-1  |
| 7       | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | 8-146270-0  | 5       | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | 3-146270-0  |
| 7       | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58                  | 7-146270-9  | 5       | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58                  | 2-146270-9  |
| 7       | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56                  | 7-146270-8  | 5       | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56                  | 2-146270-8  |
| 7       | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54                  | 7-146270-7  | 5       | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54                  | 2-146270-7  |
| 7       | 65.63<br>[2.584]  | 63.5<br>[2.500]  | 25 | 52                  | 7-146270-6  | 5       | 65.63<br>[2.584]  | 63.5<br>[2.500]  | 25 | 52                  | 2-146270-6  |
| 7       | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50                  | 7-146270-5  | 5       | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50                  | 2-146270-5  |
| 7       | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48                  | 7-146270-4  | 5       | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48                  | 2-146270-4  |
| 7       | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46                  | 7-146270-3  | 5       | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46                  | 2-146270-3  |
| 7       | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44                  | 7-146270-2  | 5       | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44                  | 2-146270-2  |
| 7       | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42                  | 7-146270-1  | 5       | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42                  | 2-146270-1  |
| 7       | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40                  | 7-146270-0  | 5       | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40                  | 2-146270-0  |
| 7       | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38                  | 6-146270-9  | 5       | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38                  | 1-146270-9  |
| 7       | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36                  | 6-146270-8  | 5       | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36                  | 1-146270-8  |
| 7       | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34                  | 6-146270-7  | 5       | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34                  | 1-146270-7  |
| 7       | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32                  | 6-146270-6  | 5       | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32                  | 1-146270-6  |
| 7       | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30                  | 6-146270-5  | 5       | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30                  | 1-146270-5  |
| 7       | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28                  | 6-146270-4  | 5       | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28                  | 1-146270-4  |
| 7       | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26                  | 6-146270-3  | 5       | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26                  | 1-146270-3  |
| 7       | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24                  | 6-146270-2  | 5       | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24                  | 1-146270-2  |
| 7       | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22                  | 6-146270-1  | 5       | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22                  | 1-146270-1  |
| 7       | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | 6-146270-0  | 5       | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | 1-146270-0  |
| 7       | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18                  | 5-146270-9  | 5       | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18                  | 146270-9    |
| 7       | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16                  | 5-146270-8  | 5       | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16                  | 146270-8    |
| 7       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | 5-146270-7  | 5       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | 146270-7    |
| 7       | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12                  | 5-146270-6  | 5       | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12                  | 146270-6    |
| 7       | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10                  | 5-146270-5  | 5       | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10                  | 146270-5    |
| 7       | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | 5-146270-4  | 5       | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | 146270-4    |
| 7       | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | 5-146270-3  | 5       | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | 146270-3    |
| 7       | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                   | 5-146270-2  | 5       | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                   | 146270-2    |
| 7       | 2.33<br>[.092]    | -                | -  | 2                   | 5-146270-1  | 5       | 2.33<br>[.092]    | -                | -  | 2                   | 146270-1    |
| PLATING | C                 | B                | A  | NO. OF<br>POSITIONS | PART NUMBER | PLATING | C                 | B                | A  | NO. OF<br>POSITIONS | PART NUMBER |

|                                        |  |                                                                                                              |  |                               |  |                       |  |                                                                                                                                               |  |
|----------------------------------------|--|--------------------------------------------------------------------------------------------------------------|--|-------------------------------|--|-----------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  |                                                                                                              |  |                               |  |                       |  |                                                                                                                                               |  |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                       |  | DWG<br>T. HOFFMAN<br>8-5-95   |  | tyco<br>Electronics   |  | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608                                                                                     |  |
| mm [INCHES]                            |  | 0 P L C ±<br>1 P L C ±<br>2 P L C ± 0.51[.02]<br>3 P L C ± 0.13[.005]<br>4 P L C ± 0.0127[.0005]<br>ANGLES ± |  | CHK<br>G. DUBNICZKI<br>4-3-96 |  | APPRO<br>G. DUBNICZKI |  | NAME<br>HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW,<br>.100 X.100CL, VERTICAL, WITH RETENTION<br>FEATURE, .025 JO-POSTS, HIGH TEMPERATURE |  |
| MATERIAL                               |  | FINISH                                                                                                       |  | APPLICATION SPEC              |  | SIZE                  |  | CAGE CODE                                                                                                                                     |  |
| SEE TABLE                              |  | WEIGHT                                                                                                       |  | DRAWING NO                    |  | RESTRICTED TO         |  |                                                                                                                                               |  |
| 4                                      |  | —                                                                                                            |  | A1 00779                      |  | C146270               |  |                                                                                                                                               |  |
| CUSTOMER DRAWING                       |  |                                                                                                              |  | SCALE                         |  | SHEET                 |  | REV                                                                                                                                           |  |
|                                        |  |                                                                                                              |  | 4:1                           |  | 1 of 1                |  | K                                                                                                                                             |  |