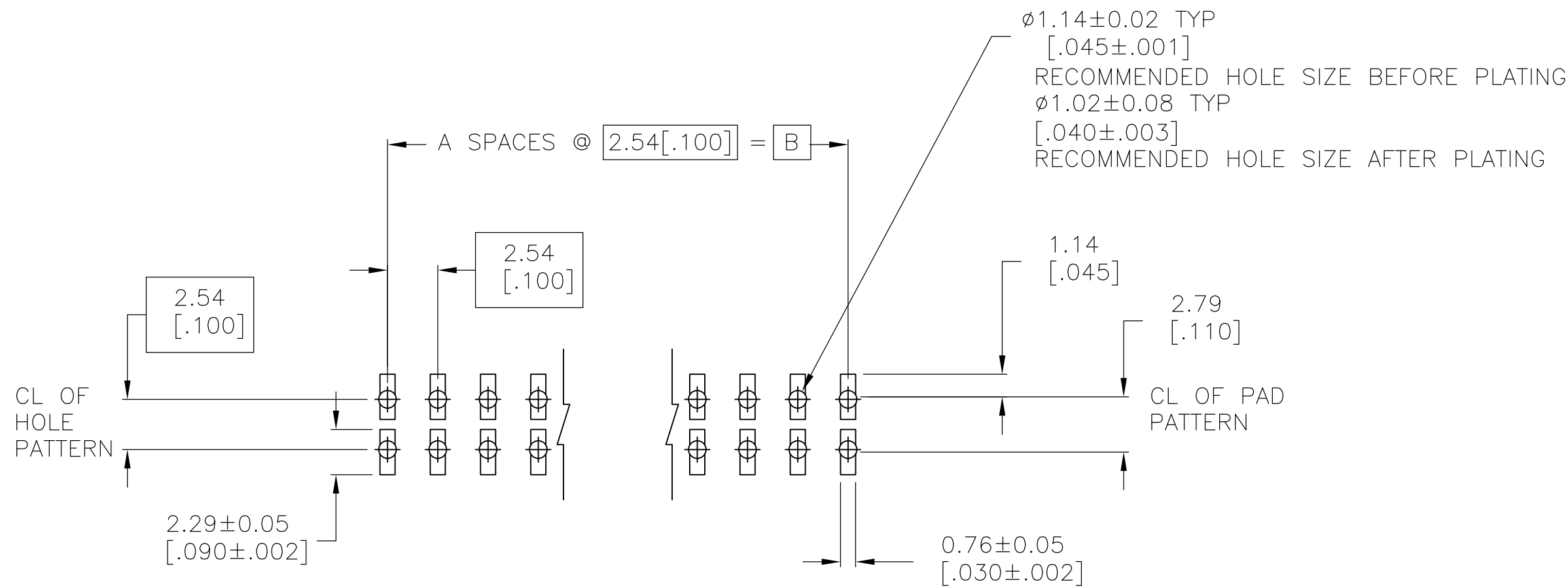
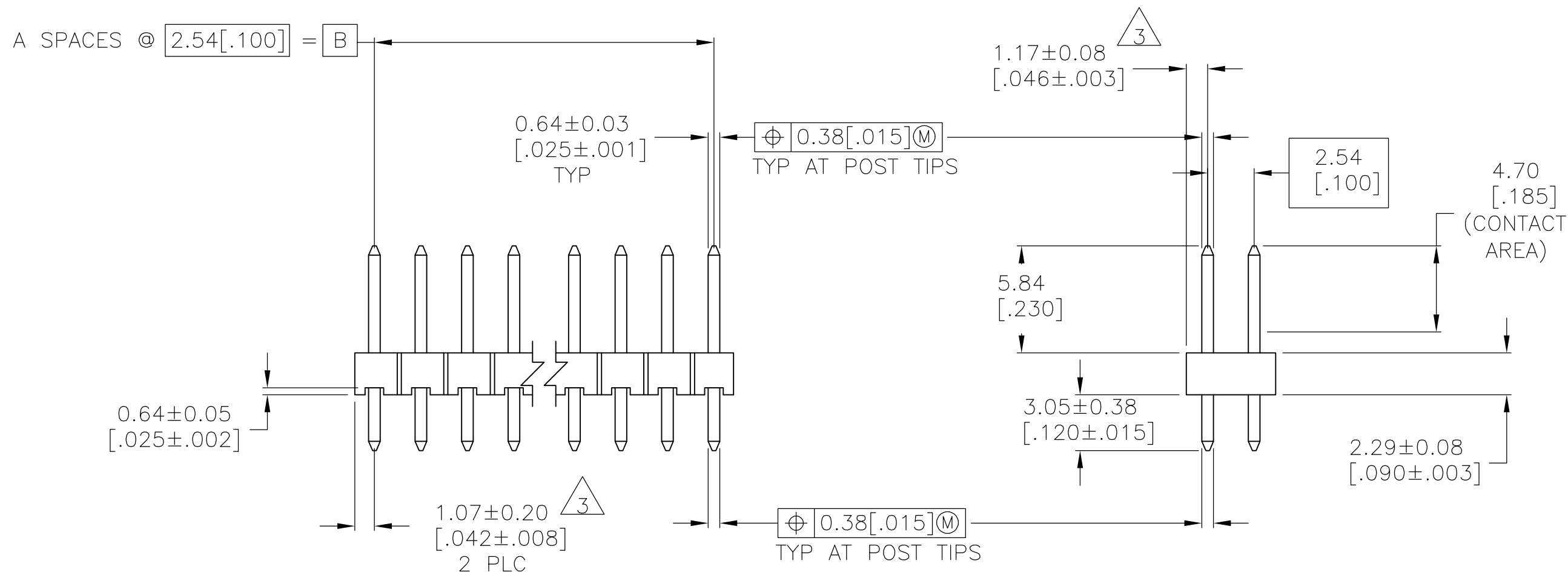
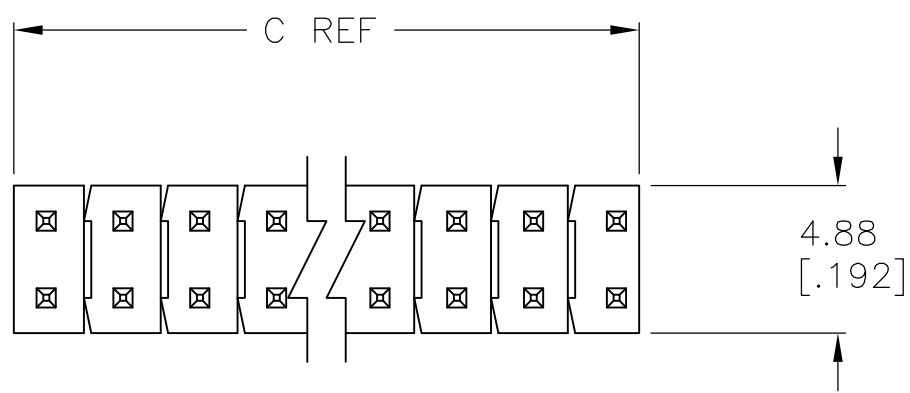


1. ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS
2. TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADER IS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
3. THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING
4. POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA,  
0.00254-0.00508[.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL,  
ALL OVER 0.00127[.000050] NICKEL.
5. HOUSING: LCP, COLOR-BLACK.
6. POST: COPPER ALLOY.
7. PARTS PACKAGED IN TUBES.
8. POST PLATING: 0.00762[.000030] GOLD ON CONTACT AREA,  
0.00254-0.00508[.000100-.000200] MATTE TIN ON SOLDER TAIL,  
ALL OVER 0.00127[.000050] NICKEL.
9. PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
10. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



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

|                                                                                       |                   |                  |    |                     |                                                                                                  |
|---------------------------------------------------------------------------------------|-------------------|------------------|----|---------------------|--------------------------------------------------------------------------------------------------|
|    | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80                  | 9-146257-0                                                                                       |
|    | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78                  |  8-146257-9   |
|    | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76                  |  8-146257-8   |
|    | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74                  |  8-146257-7   |
|    | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72                  |  8-146257-6   |
|    | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70                  |  8-146257-5   |
|    | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68                  |  8-146257-4   |
|    | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66                  |  8-146257-3   |
|    | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64                  |  8-146257-2   |
|    | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62                  |  8-146257-1   |
|   | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | 8-146257-0                                                                                       |
|  | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58                  |  7-146257-9 |
|  | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56                  |  7-146257-8 |
|  | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54                  |  7-146257-7 |
|  | 65.63<br>[2.584]  | 63.5<br>[2.500]  | 25 | 52                  |  7-146257-6 |
|  | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50                  | 7-146257-5                                                                                       |
|  | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48                  |  7-146257-4 |
|  | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46                  |  7-146257-3 |
|  | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44                  | 7-146257-2                                                                                       |
|  | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42                  |  7-146257-1 |
|  | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40                  |  7-146257-0 |
|  | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38                  | 6-146257-9                                                                                       |
|  | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36                  |  6-146257-8 |
|  | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34                  | 6-146257-7                                                                                       |
|  | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32                  |  6-146257-6 |
|  | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30                  | 6-146257-5                                                                                       |
|  | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28                  |  6-146257-4 |
|  | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26                  | 6-146257-3                                                                                       |
|  | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24                  | 6-146257-2                                                                                       |
|  | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22                  | 6-146257-1                                                                                       |
|  | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | 6-146257-0                                                                                       |
|  | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18                  |  5-146257-9 |
|  | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16                  | 5-146257-8                                                                                       |
|  | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | 5-146257-7                                                                                       |
|  | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12                  | 5-146257-6                                                                                       |
|  | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10                  | 5-146257-5                                                                                       |
|  | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | 5-146257-4                                                                                       |
|  | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | 5-146257-3                                                                                       |
|  | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                   | 5-146257-2                                                                                       |
|  | -<br>[ - ]        | -<br>[ - ]       | 0  | 2                   | 5-146257-1                                                                                       |
| PLATING                                                                               | C                 | B                | A  | NO. OF<br>POSITIONS | PART NUMBER                                                                                      |

|          |         |                   |                  |    |                     |             |
|----------|---------|-------------------|------------------|----|---------------------|-------------|
| 9        | 8       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | 4-146257-6  |
|          | 8       | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | 4-146257-5  |
|          | 8       | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | 4-146257-4  |
| OBSELETE | 8       | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | 4-146257-3  |
| 7        | 4       | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | 4-146257-2  |
| 7        | 4       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | 4-146257-1  |
|          | 4       | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80                  | 4-146257-0  |
|          | 4       | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78                  | 3-146257-9  |
|          | 4       | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76                  | 3-146257-8  |
|          | 4       | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74                  | 3-146257-7  |
|          | 4       | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72                  | 3-146257-6  |
|          | 4       | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70                  | 3-146257-5  |
|          | 4       | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68                  | 3-146257-4  |
|          | 4       | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66                  | 3-146257-3  |
|          | 4       | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64                  | 3-146257-2  |
|          | 4       | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62                  | 3-146257-1  |
|          | 4       | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | 3-146257-0  |
|          | 4       | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58                  | 2-146257-9  |
|          | 4       | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56                  | 2-146257-8  |
|          | 4       | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54                  | 2-146257-7  |
|          | 4       | 65.63<br>[2.584]  | 63.5<br>[2.500]  | 25 | 52                  | 2-146257-6  |
|          | 4       | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50                  | 2-146257-5  |
|          | 4       | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48                  | 2-146257-4  |
|          | 4       | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46                  | 2-146257-3  |
|          | 4       | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44                  | 2-146257-2  |
|          | 4       | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42                  | 2-146257-1  |
|          | 4       | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40                  | 2-146257-0  |
|          | 4       | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38                  | 1-146257-9  |
|          | 4       | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36                  | 1-146257-8  |
|          | 4       | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34                  | 1-146257-7  |
|          | 4       | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32                  | 1-146257-6  |
|          | 4       | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30                  | 1-146257-5  |
|          | 4       | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28                  | 1-146257-4  |
|          | 4       | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26                  | 1-146257-3  |
|          | 4       | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24                  | 1-146257-2  |
|          | 4       | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22                  | 1-146257-1  |
|          | 4       | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | 1-146257-0  |
|          | 4       | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18                  | 146257-9    |
|          | 4       | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16                  | 146257-8    |
|          | 4       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | 146257-7    |
|          | 4       | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12                  | 146257-6    |
|          | 4       | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10                  | 146257-5    |
|          | 4       | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | 146257-4    |
|          | 4       | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | 146257-3    |
|          | 4       | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                   | 146257-2    |
|          | 4       | -                 | -                | 0  | 2                   | 146257-1    |
|          | PLATING | C                 | B                | A  | NO. OF<br>POSITIONS | PART NUMBER |

|                                        |             |                                                                                                                    |  |                   |         |                                                                       |                                                                        |                 |  |  |
|----------------------------------------|-------------|--------------------------------------------------------------------------------------------------------------------|--|-------------------|---------|-----------------------------------------------------------------------|------------------------------------------------------------------------|-----------------|--|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |             |                                                                                                                    |  |                   |         | DWG. NO.<br>R BROWN                                                   | 19JAN05                                                                | TE Connectivity |  |  |
|                                        |             |                                                                                                                    |  |                   |         | CHK.<br>GSEFORD                                                       | 19JAN05                                                                |                 |  |  |
| DIMENSIONS:<br>mm[INCHES]              |             | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                                                          |  | APD.<br>J GSEFORD | 19JAN05 | NAME                                                                  | HEADER ASSEMBLY, MOD II,<br>BREAKAWAY, DOUBLE ROW,<br>HIGH TEMPERATURE |                 |  |  |
|                                        |             | 0 PLC ± —<br>1 PLC ± —<br>2 PLC ± 0.51[(.02)]<br>3 PLC ± 0.127[(.005)]<br>4 PLC ± 0.0127[(.0005)]<br>ANGLES FINISH |  | PRODUCT SPEC      |         | SIZE CASE CODE DRAWING NO RESTRICTED TO<br><b>A1 00779 C-146257 —</b> |                                                                        |                 |  |  |
|                                        |             | SEE TABLE                                                                                                          |  | APPLICATION SPEC  |         |                                                                       |                                                                        |                 |  |  |
| MATERIAL<br>                           | WEIGHT<br>— |                                                                                                                    |  |                   |         |                                                                       |                                                                        |                 |  |  |
| CUSTOMER DRAWING                       |             |                                                                                                                    |  |                   |         | SCALE<br>4:1                                                          | SHEET<br>1 OF 1                                                        | REV<br>N        |  |  |