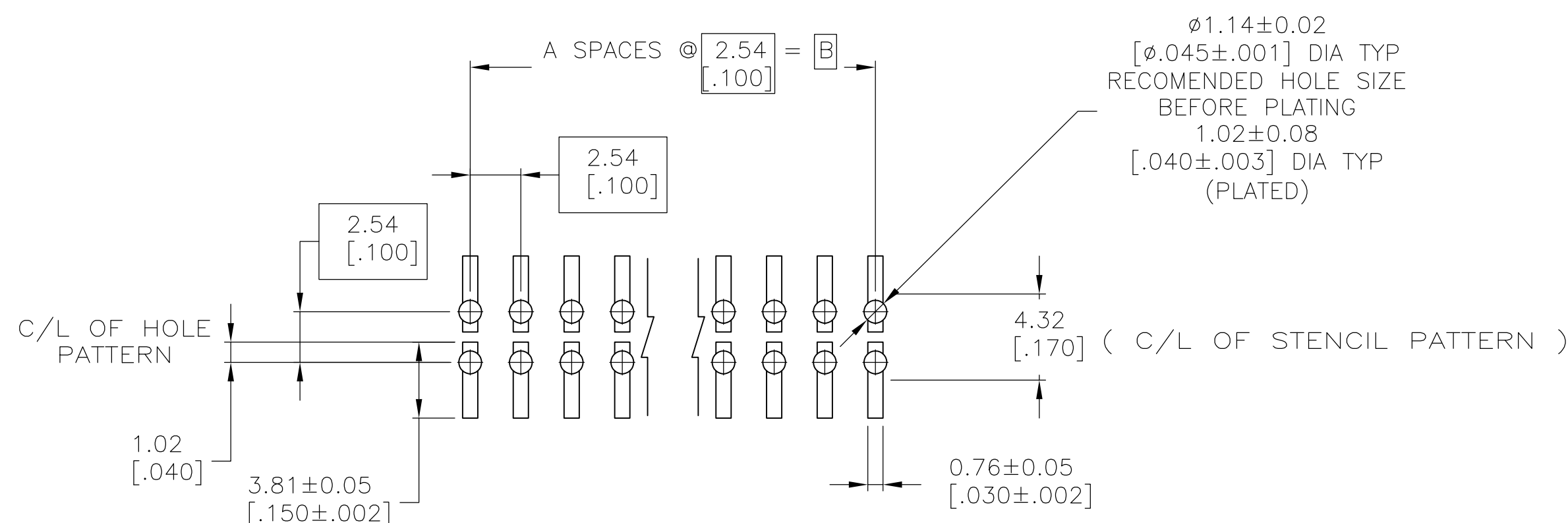
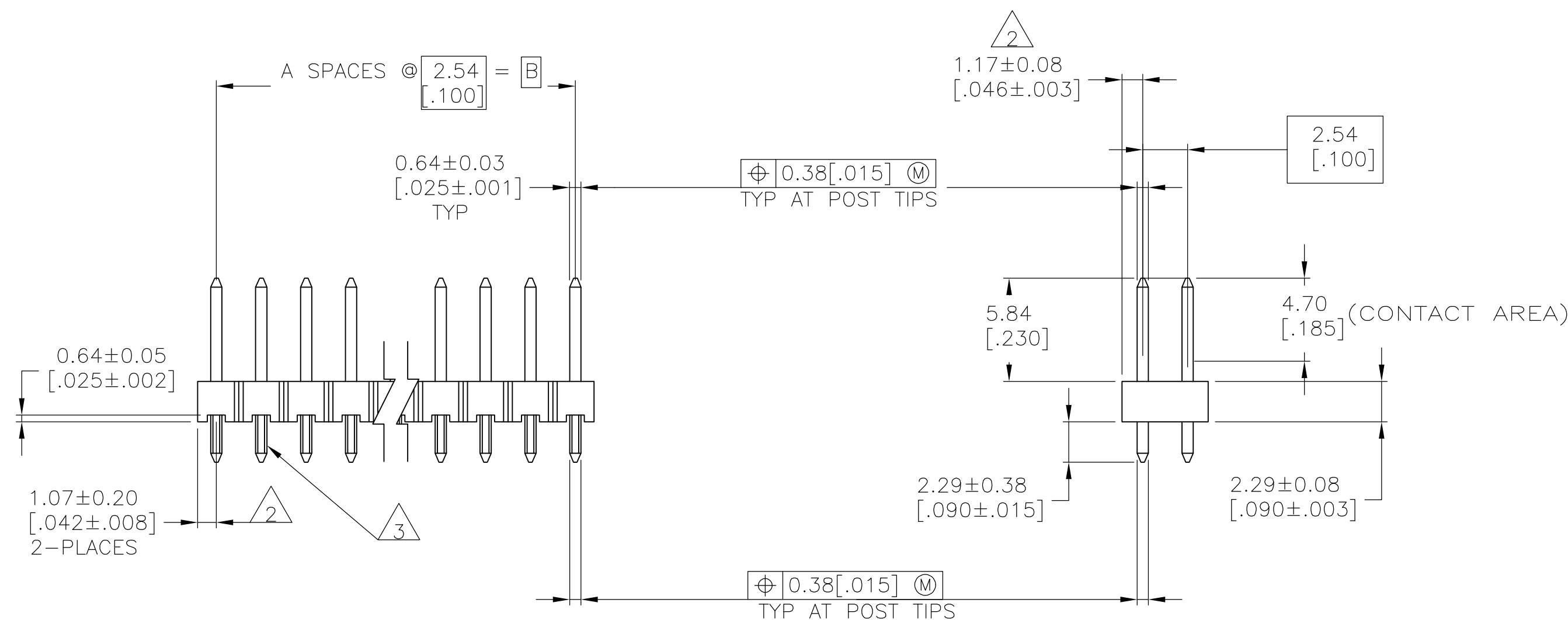
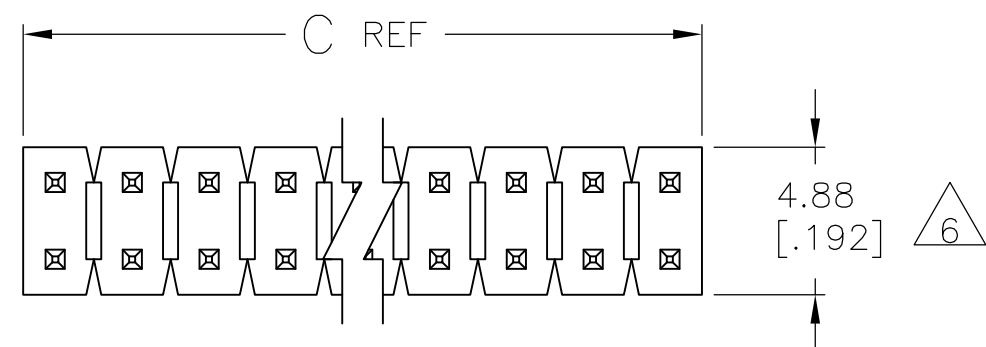


|     |      |           |     |                           |           |     |      |
|-----|------|-----------|-----|---------------------------|-----------|-----|------|
| LOC | DIST | REVISIONS |     |                           |           |     |      |
| AD  | 00   | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |      |           | L   | REVISED PER ECO-14-000255 | 16JUL2014 | NK  | MM   |

- |    |                                                                                                                  |
|----|------------------------------------------------------------------------------------------------------------------|
| 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. | HOUSING: LCP, COLOR—BLACK. POST: COPPER ALLOY.                                                                   |
| 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.                                    |
| 8. | 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.

|              |                   |                  |    |                     |                          |              |                   |                  |    |                     |                          |
|--------------|-------------------|------------------|----|---------------------|--------------------------|--------------|-------------------|------------------|----|---------------------|--------------------------|
| <div>7</div> | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80                  | 9-146270-0               | <div>5</div> | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80                  | 4-146270-0               |
| <div>7</div> | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78                  | <div>8</div> -146270-9   | <div>5</div> | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78                  | <div>8</div> -146270-9   |
| <div>7</div> | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76                  | <div>8</div> -146270-8   | <div>5</div> | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76                  | <div>8</div> -146270-8   |
| <div>7</div> | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74                  | <div>8</div> -146270-7   | <div>5</div> | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74                  | <div>8</div> -146270-7   |
| <div>7</div> | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72                  | <div>8</div> -146270-6   | <div>5</div> | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72                  | <div>8</div> -146270-6   |
| <div>7</div> | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70                  | <div>8</div> -146270-5   | <div>5</div> | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70                  | <div>8</div> -146270-5   |
| <div>7</div> | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68                  | <div>8</div> -146270-4   | <div>5</div> | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68                  | <div>8</div> -146270-4   |
| <div>7</div> | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66                  | <div>8</div> -146270-3   | <div>5</div> | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66                  | <div>8</div> -146270-3   |
| <div>7</div> | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64                  | <div>8</div> -146270-2   | <div>5</div> | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64                  | <div>8</div> -146270-2   |
| <div>7</div> | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62                  | <div>8</div> -146270-1   | <div>5</div> | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62                  | <div>8</div> -146270-1   |
| <div>7</div> | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | <div>8</div> -146270-0   | <div>5</div> | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | <div>8</div> -146270-0   |
| <div>7</div> | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58                  | <div>7</div> -146270-9   | <div>5</div> | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58                  | <div>8</div> -146270-9   |
| <div>7</div> | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56                  | <div>7</div> -146270-8   | <div>5</div> | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56                  | <div>8</div> -146270-8   |
| <div>7</div> | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54                  | <div>7</div> -146270-7   | <div>5</div> | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54                  | <div>8</div> -146270-7   |
| <div>7</div> | 65.63<br>[2.584]  | 63.5<br>[2.500]  | 25 | 52                  | <div>7</div> -146270-6   | <div>5</div> | 65.63<br>[2.584]  | 63.5<br>[2.500]  | 25 | 52                  | <div>8</div> -146270-6   |
| <div>7</div> | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50                  | <div>7</div> -146270-5   | <div>5</div> | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50                  | <div>8</div> -146270-5   |
| <div>7</div> | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48                  | <div>7</div> -146270-4   | <div>5</div> | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48                  | <div>8</div> -146270-4   |
| <div>7</div> | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46                  | <div>7</div> -146270-3   | <div>5</div> | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46                  | <div>8</div> -146270-3   |
| <div>7</div> | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44                  | <div>7</div> -146270-2   | <div>5</div> | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44                  | <div>8</div> -146270-2   |
| <div>7</div> | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42                  | <div>7</div> -146270-1   | <div>5</div> | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42                  | <div>8</div> -146270-1   |
| <div>7</div> | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40                  | <div>7</div> -146270-0   | <div>5</div> | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40                  | <div>8</div> -146270-0   |
| <div>7</div> | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38                  | <div>8</div> -6-146270-9 | <div>5</div> | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38                  | <div>8</div> -1-146270-9 |
| <div>7</div> | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36                  | <div>8</div> -6-146270-8 | <div>5</div> | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36                  | <div>8</div> -1-146270-8 |
| <div>7</div> | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34                  | <div>8</div> -6-146270-7 | <div>5</div> | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34                  | <div>8</div> -1-146270-7 |
| <div>7</div> | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32                  | <div>8</div> -6-146270-6 | <div>5</div> | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32                  | <div>8</div> -1-146270-6 |
| <div>7</div> | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30                  | <div>8</div> -6-146270-5 | <div>5</div> | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30                  | <div>8</div> -1-146270-5 |
| <div>7</div> | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28                  | <div>8</div> -6-146270-4 | <div>5</div> | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28                  | <div>8</div> -1-146270-4 |
| <div>7</div> | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26                  | <div>8</div> -6-146270-3 | <div>5</div> | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26                  | <div>8</div> -1-146270-3 |
| <div>7</div> | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24                  | 6-146270-2               | <div>5</div> | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24                  | <div>8</div> -1-146270-2 |
| <div>7</div> | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22                  | <div>8</div> -6-146270-1 | <div>5</div> | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22                  | <div>8</div> -1-146270-1 |
| <div>7</div> | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | 6-146270-0               | <div>5</div> | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | <div>8</div> -1-146270-0 |
| <div>7</div> | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18                  | <div>8</div> -5-146270-9 | <div>5</div> | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18                  | <div>8</div> -146270-9   |
| <div>7</div> | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16                  | 5-146270-8               | <div>5</div> | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16                  | <div>8</div> -146270-8   |
| <div>7</div> | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | <div>8</div> -5-146270-7 | <div>5</div> | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | <div>8</div> -146270-7   |
| <div>7</div> | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12                  | <div>8</div> -5-146270-6 | <div>5</div> | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12                  | <div>8</div> -146270-6   |
| <div>7</div> | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10                  | <div>8</div> -5-146270-5 | <div>5</div> | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10                  | <div>8</div> -146270-5   |
| <div>7</div> | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | <div>8</div> -5-146270-4 | <div>5</div> | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | <div>8</div> -146270-4   |
| <div>7</div> | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | <div>8</div> -5-146270-3 | <div>5</div> | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | <div>8</div> -146270-3   |
| <div>7</div> | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                   | <div>8</div> -5-146270-2 | <div>5</div> | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                   | <div>8</div> -146270-2   |
| <div>7</div> | 2.33<br>[.092]    | -<br>[-]         | -  | 2                   | <div>8</div> -5-146270-1 | <div>5</div> | 2.33<br>[.092]    | -<br>[-]         | -  | 2                   | <div>8</div> -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.                                                                                                                                          |           | OWN<br>T. HOFFMAN    | 8-5-95                                                                                                |  TE Connectivity                                   |               |
| DIMENSIONS:<br>mm [INCHES]                                                                                                                                                      |           | CHK<br>G. DUBNICZKI  | 4-3-96                                                                                                |                                                                                                                                         |               |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:<br><br>0 PL/C ± —<br>1 PL/C ± 0.01 [0.02]<br>2 PL/C ± 0.127 [0.005]<br>3 PL/C ± 0.127 [0.005]<br>4 PL/C ± 0.127 [0.005]<br>ANGLES ± — |           | APRD<br>G. DUBNICZKI | 4-3-96                                                                                                | NAME                                                                                                                                    |               |
|                                                                                            |           | PRODUCT SPEC         | —                                                                                                     | HEADER ASSEMBLY, MOD II, BREAKAWAY, DOUBLE ROW,<br>.100 X .100CL, VERTICAL, WITH RETENTION<br>FEATURE, .025 SQ. POSTS, HIGH TEMPERATURE |               |
| MATERIAL                                                                                                                                                                        | FINISH    | APPLICATION SPEC     | —                                                                                                     | SIZE                                                                                                                                    | CAGE CODE     |
|                                                                                            | SEE TABLE | WEIGHT               | —                                                                                                     | DRAWING NO                                                                                                                              | RESTRICTED TO |
| CUSTOMER DRAWING                                                                                                                                                                |           |                      | A1 00779  146270 |                                                                                                                                         |               |
|                                                                                                                                                                                 |           |                      | SCALE                                                                                                 | 4:1                                                                                                                                     | SHEET 1 of 1  |
|                                                                                                                                                                                 |           |                      | REV L                                                                                                 |                                                                                                                                         |               |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[5-146270-8](#)