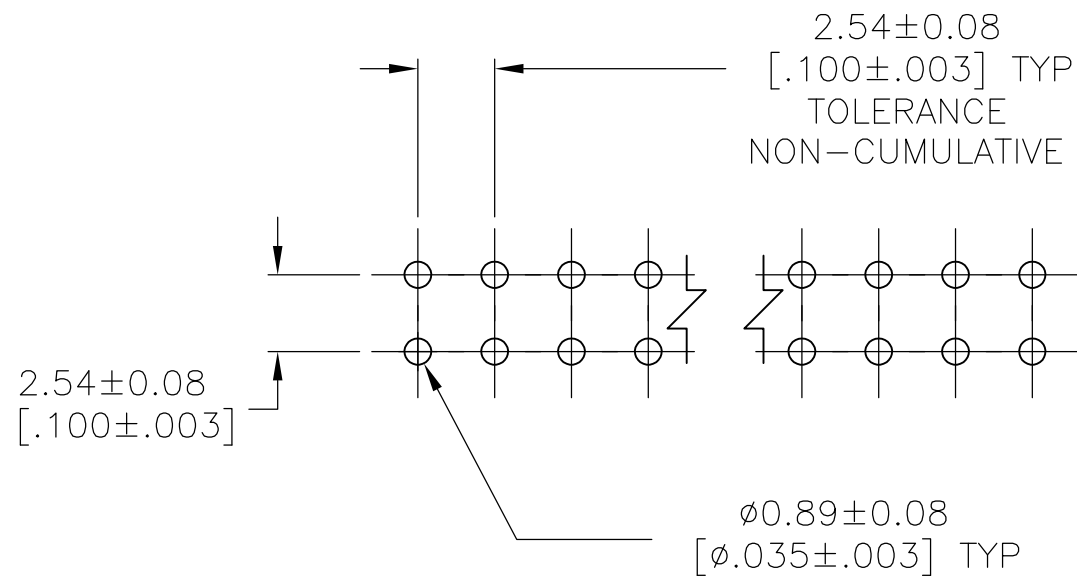
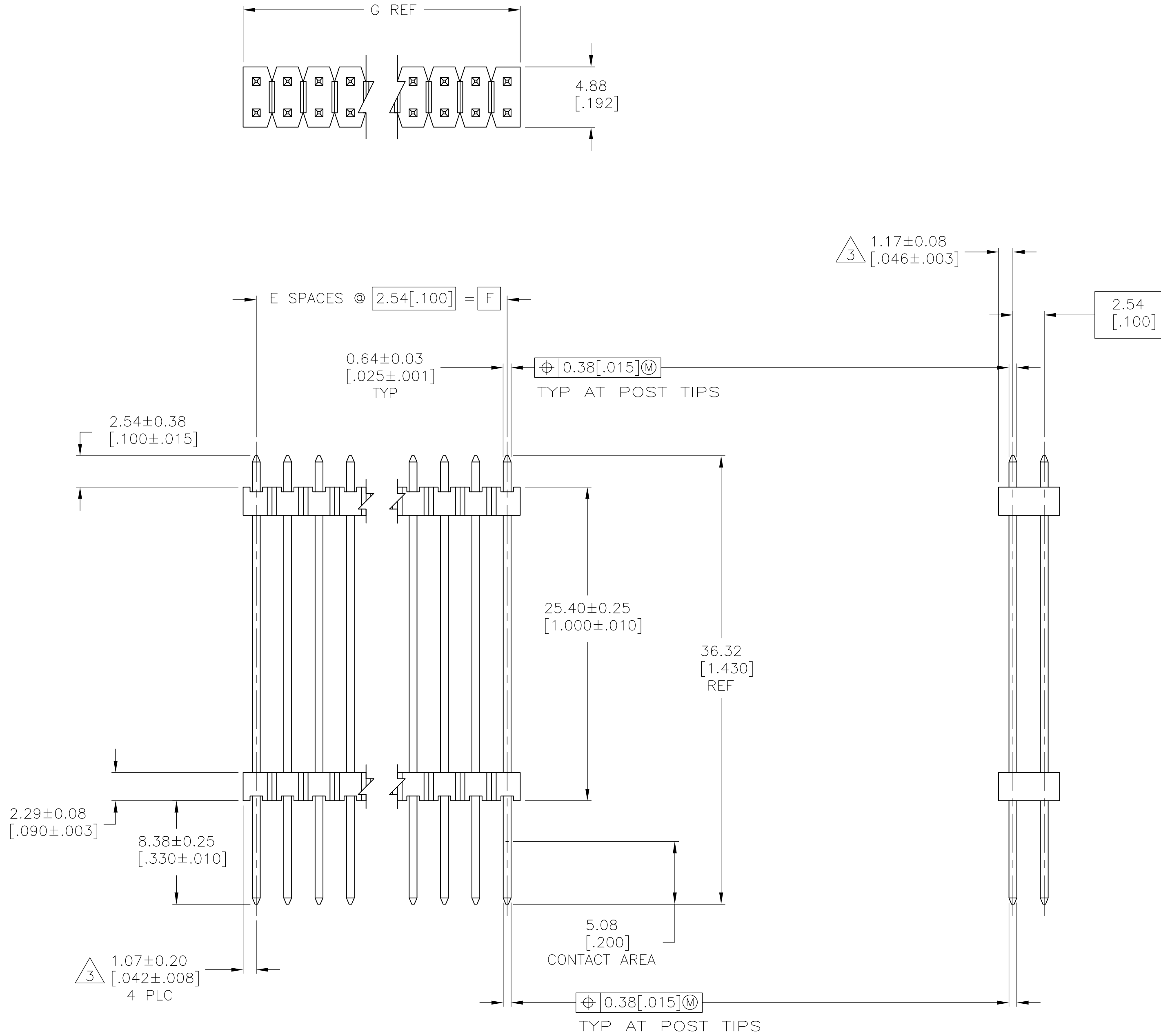




RECOMMENDED HOLE LAYOUT

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. HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.
5. FINISH: 0.000381 [0.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [0.000100-0.000200] MATTE TIN-LEAD ON SOLDER TAIL, 0.00127 [0.000050] NICKEL ENTIRE POST.
6. FINISH: 0.000381 [0.000015] GOLD ON CONTACT AREA, 0.00254-0.00508 [0.000100-0.000200] MATTE TIN ON SOLDER TAIL, 0.00127 [0.000050] NICKEL ENTIRE POST.



8

7

6

5

4

3

2

1

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LOCAD

DIST00

REV

DATE

BY

APPROVED

DESCRIPTION

SEE SHEET 1

|                          |                   |                  |    |                  |             |
|--------------------------|-------------------|------------------|----|------------------|-------------|
| <div>△<sub>6</sub></div> | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80               | 9-146509-0  |
| <div>△<sub>6</sub></div> | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78               | 8-146509-9  |
| <div>△<sub>6</sub></div> | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76               | 8-146509-8  |
| <div>△<sub>6</sub></div> | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74               | 8-146509-7  |
| <div>△<sub>6</sub></div> | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72               | 8-146509-6  |
| <div>△<sub>6</sub></div> | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70               | 8-146509-5  |
| <div>△<sub>6</sub></div> | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68               | 8-146509-4  |
| <div>△<sub>6</sub></div> | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66               | 8-146509-3  |
| <div>△<sub>6</sub></div> | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64               | 8-146509-2  |
| <div>△<sub>6</sub></div> | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62               | 8-146509-1  |
| <div>△<sub>6</sub></div> | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60               | 8-146509-0  |
| <div>△<sub>6</sub></div> | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58               | 7-146509-9  |
| <div>△<sub>6</sub></div> | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56               | 7-146509-8  |
| <div>△<sub>6</sub></div> | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54               | 7-146509-7  |
| <div>△<sub>6</sub></div> | 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 52               | 7-146509-6  |
| <div>△<sub>6</sub></div> | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50               | 7-146509-5  |
| <div>△<sub>6</sub></div> | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48               | 7-146509-4  |
| <div>△<sub>6</sub></div> | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46               | 7-146509-3  |
| <div>△<sub>6</sub></div> | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44               | 7-146509-2  |
| <div>△<sub>6</sub></div> | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42               | 7-146509-1  |
| <div>△<sub>6</sub></div> | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40               | 7-146509-0  |
| <div>△<sub>6</sub></div> | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38               | 6-146509-9  |
| <div>△<sub>6</sub></div> | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36               | 6-146509-8  |
| <div>△<sub>6</sub></div> | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34               | 6-146509-7  |
| <div>△<sub>6</sub></div> | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32               | 6-146509-6  |
| <div>△<sub>6</sub></div> | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30               | 6-146509-5  |
| <div>△<sub>6</sub></div> | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28               | 6-146509-4  |
| <div>△<sub>6</sub></div> | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26               | 6-146509-3  |
| <div>△<sub>6</sub></div> | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24               | 6-146509-2  |
| <div>△<sub>6</sub></div> | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22               | 6-146509-1  |
| <div>△<sub>6</sub></div> | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20               | 6-146509-0  |
| <div>△<sub>6</sub></div> | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18               | 5-146509-9  |
| <div>△<sub>6</sub></div> | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16               | 5-146509-8  |
| <div>△<sub>6</sub></div> | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14               | 5-146509-7  |
| <div>△<sub>6</sub></div> | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12               | 5-146509-6  |
| <div>△<sub>6</sub></div> | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10               | 5-146509-5  |
| <div>△<sub>6</sub></div> | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                | 5-146509-4  |
| <div>△<sub>6</sub></div> | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                | 5-146509-3  |
| <div>△<sub>6</sub></div> | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                | 5-146509-2  |
| <div>△<sub>6</sub></div> | 2.13<br>[.084]    | -                | -  | 2                | 5-146509-1  |
| PLATING                  | G                 | F                | E  | NO. OF POSITIONS | PART NUMBER |

|                          |                   |                  |    |                  |             |
|--------------------------|-------------------|------------------|----|------------------|-------------|
| <div>△<sub>5</sub></div> | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80               | 4-146509-0  |
| <div>△<sub>5</sub></div> | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78               | 3-146509-9  |
| <div>△<sub>5</sub></div> | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76               | 3-146509-8  |
| <div>△<sub>5</sub></div> | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74               | 3-146509-7  |
| <div>△<sub>5</sub></div> | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72               | 3-146509-6  |
| <div>△<sub>5</sub></div> | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70               | 3-146509-5  |
| <div>△<sub>5</sub></div> | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68               | 3-146509-4  |
| <div>△<sub>5</sub></div> | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66               | 3-146509-3  |
| <div>△<sub>5</sub></div> | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64               | 3-146509-2  |
| <div>△<sub>5</sub></div> | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62               | 3-146509-1  |
| <div>△<sub>5</sub></div> | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60               | 3-146509-0  |
| <div>△<sub>5</sub></div> | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58               | 2-146509-9  |
| <div>△<sub>5</sub></div> | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56               | 2-146509-8  |
| <div>△<sub>5</sub></div> | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54               | 2-146509-7  |
| <div>△<sub>5</sub></div> | 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 52               | 2-146509-6  |
| <div>△<sub>5</sub></div> | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50               | 2-146509-5  |
| <div>△<sub>5</sub></div> | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48               | 2-146509-4  |
| <div>△<sub>5</sub></div> | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46               | 2-146509-3  |
| <div>△<sub>5</sub></div> | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44               | 2-146509-2  |
| <div>△<sub>5</sub></div> | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42               | 2-146509-1  |
| <div>△<sub>5</sub></div> | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40               | 2-146509-0  |
| <div>△<sub>5</sub></div> | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38               | 1-146509-9  |
| <div>△<sub>5</sub></div> | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36               | 1-146509-8  |
| <div>△<sub>5</sub></div> | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34               | 1-146509-7  |
| <div>△<sub>5</sub></div> | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32               | 1-146509-6  |
| <div>△<sub>5</sub></div> | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30               | 1-146509-5  |
| <div>△<sub>5</sub></div> | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28               | 1-146509-4  |
| <div>△<sub>5</sub></div> | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26               | 1-146509-3  |
| <div>△<sub>5</sub></div> | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24               | 1-146509-2  |
| <div>△<sub>5</sub></div> | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22               | 1-146509-1  |
| <div>△<sub>5</sub></div> | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20               | 1-146509-0  |
| <div>△<sub>5</sub></div> | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18               | 146509-9    |
| <div>△<sub>5</sub></div> | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16               | 146509-8    |
| <div>△<sub>5</sub></div> | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14               | 146509-7    |
| <div>△<sub>5</sub></div> | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12               | 146509-6    |
| <div>△<sub>5</sub></div> | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10               | 146509-5    |
| <div>△<sub>5</sub></div> | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                | 146509-4    |
| <div>△<sub>5</sub></div> | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                | 146509-3    |
| <div>△<sub>5</sub></div> | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                | 146509-2    |
| <div>△<sub>5</sub></div> | 2.13<br>[.084]    | -                | -  | 2                | 146509-1    |
| PLATING                  | G                 | F                | E  | NO. OF POSITIONS | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -  
1 PLC ± 0.5[.02]  
2 PLC ± 0.13[.005]  
3 PLC ± -  
4 PLC ± -  
ANGLES ± -

FINISH

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DWN  
R BROWN  
19OCT2006

CHK  
J GESFORD  
19OCT2006

APVD  
J GESFORD  
19OCT2006

NAME

TE Connectivity

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
146509

SCALE  
4:1

SHEET  
2

OF  
2

REV  
A1

RESTRICTED TO

-

4805 (3/11)

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