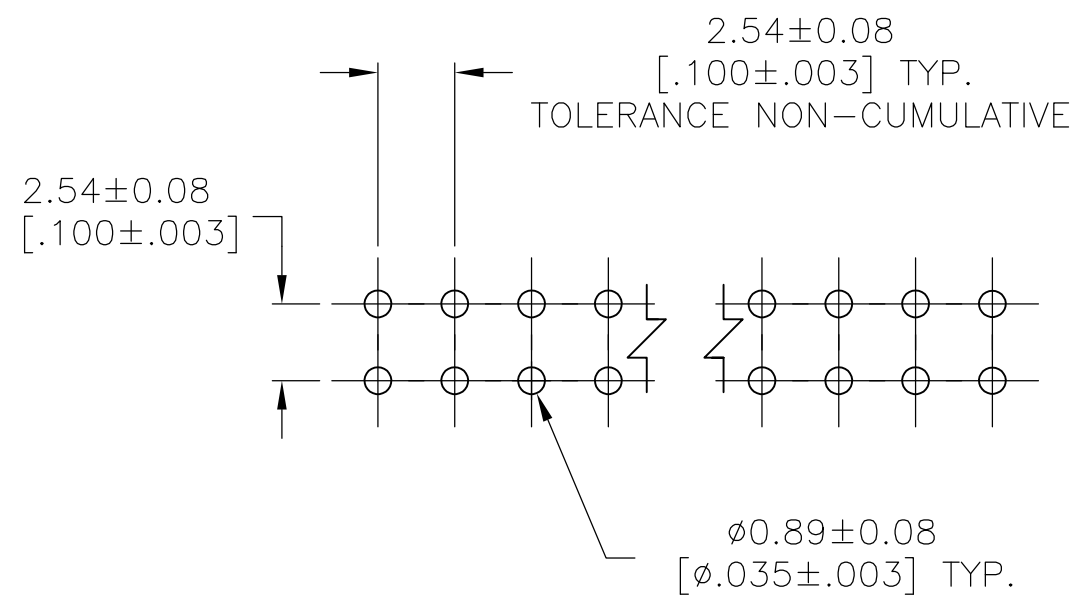
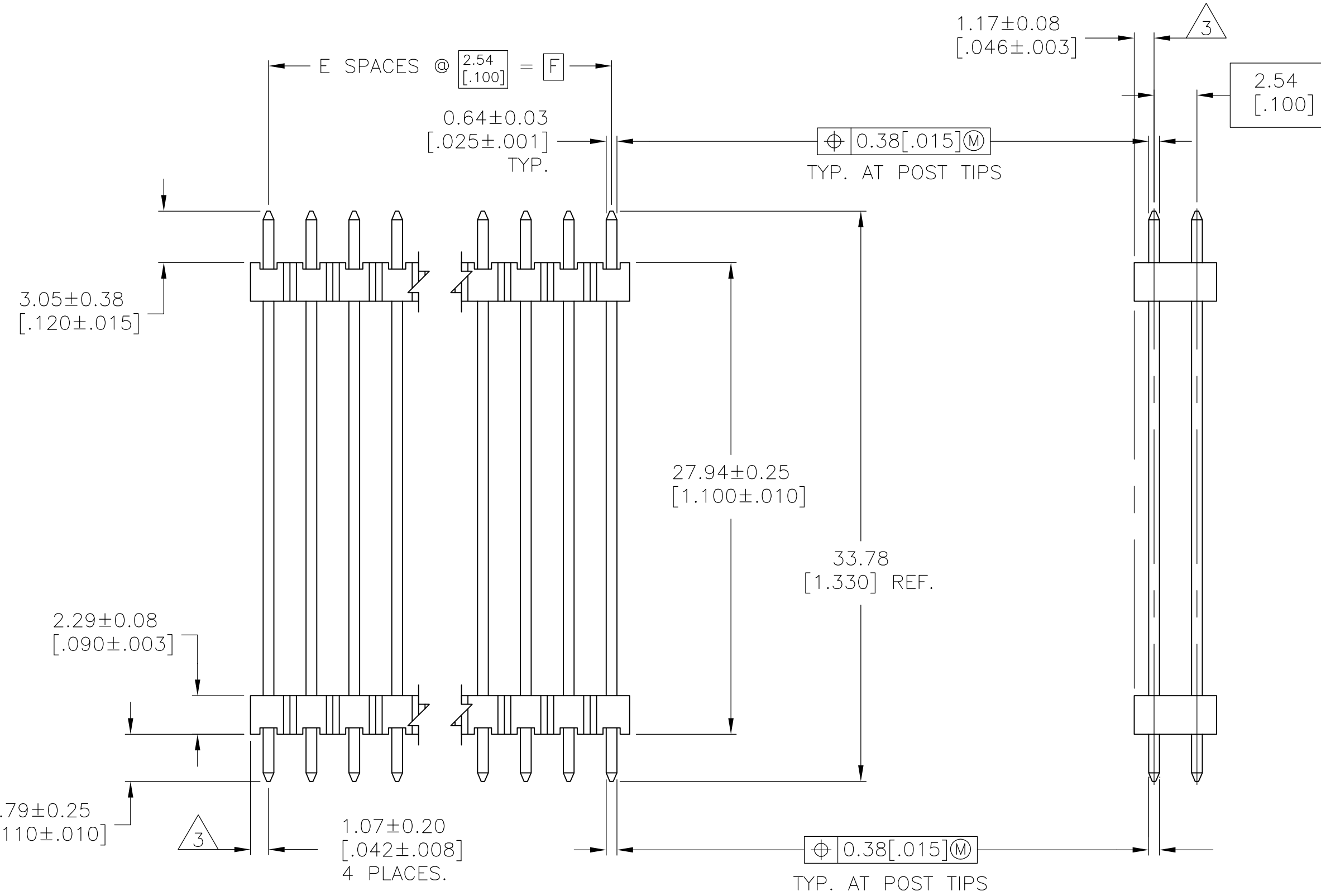
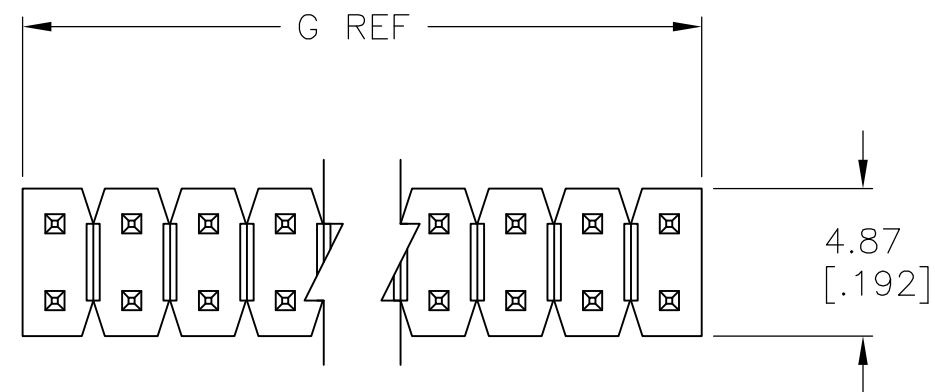


|     |      |           |     |                           |         |     |      |
|-----|------|-----------|-----|---------------------------|---------|-----|------|
| LOC | DIST | REVISIONS |     |                           |         |     |      |
| AD  | 39   | P         | LTR | DESCRIPTION               | DATE    | DWN | APVD |
|     |      |           | A1  | REVISED PER ECO-11-004820 | 11MAR11 | RK  | HMR  |



## 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.

 THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING.

 HOUSING: FLAME RETARDANT THERMOPLASTIC; COLOR: BLACK.

5 FINISH: 0.00254-0.00508 [.000100-.000200] BRIGHT TIN-LEAD  
OVER 0.00127 [.000050] NICKEL ENTIRE POST.

6 FINISH: 0.00254-0.00508 [.000100-.000200] MATTE TIN  
OVER 0.00127 [.000050] NICKEL ENTIRE POST.

|         |                   |                  |    |                  |             |
|---------|-------------------|------------------|----|------------------|-------------|
| 6       | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80               | 9-146505-0  |
| 6       | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78               | 8-146505-9  |
| 6       | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76               | 8-146505-8  |
| 6       | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74               | 8-146505-7  |
| 6       | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72               | 8-146505-6  |
| 6       | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70               | 8-146505-5  |
| 6       | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68               | 8-146505-4  |
| 6       | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66               | 8-146505-3  |
| 6       | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64               | 8-146505-2  |
| 6       | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62               | 8-146505-1  |
| 6       | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60               | 8-146505-0  |
| 6       | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58               | 7-146505-9  |
| 6       | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56               | 7-146505-8  |
| 6       | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54               | 7-146505-7  |
| 6       | 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 52               | 7-146505-6  |
| 6       | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50               | 7-146505-5  |
| 6       | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48               | 7-146505-4  |
| 6       | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46               | 7-146505-3  |
| 6       | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44               | 7-146505-2  |
| 6       | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42               | 7-146505-1  |
| 6       | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40               | 7-146505-0  |
| 6       | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38               | 6-146505-9  |
| 6       | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36               | 6-146505-8  |
| 6       | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34               | 6-146505-7  |
| 6       | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32               | 6-146505-6  |
| 6       | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30               | 6-146505-5  |
| 6       | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28               | 6-146505-4  |
| 6       | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26               | 6-146505-3  |
| 6       | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24               | 6-146505-2  |
| 6       | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22               | 6-146505-1  |
| 6       | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20               | 6-146505-0  |
| 6       | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18               | 5-146505-9  |
| 6       | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16               | 5-146505-8  |
| 6       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14               | 5-146505-7  |
| 6       | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12               | 5-146505-6  |
| 6       | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10               | 5-146505-5  |
| 6       | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                | 5-146505-4  |
| 6       | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                | 5-146505-3  |
| 6       | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                | 5-146505-2  |
| 6       | 2.13<br>[.084]    | -                | -  | 2                | 5-146505-1  |
| PLATING | G                 | F                | E  | NO. OF<br>NO. OF | PART NUMBER |

|         |                   |                  |    |                     |             |
|---------|-------------------|------------------|----|---------------------|-------------|
| 5       | 101.19<br>[3.984] | 99.06<br>[3.900] | 39 | 80                  | 4-146505-0  |
| 5       | 98.65<br>[3.884]  | 96.52<br>[3.800] | 38 | 78                  | 3-146505-9  |
| 5       | 96.11<br>[3.784]  | 93.98<br>[3.700] | 37 | 76                  | 3-146505-8  |
| 5       | 93.57<br>[3.684]  | 91.44<br>[3.600] | 36 | 74                  | 3-146505-7  |
| 5       | 91.03<br>[3.584]  | 88.90<br>[3.500] | 35 | 72                  | 3-146505-6  |
| 5       | 88.49<br>[3.484]  | 86.36<br>[3.400] | 34 | 70                  | 3-146505-5  |
| 5       | 85.95<br>[3.384]  | 83.82<br>[3.300] | 33 | 68                  | 3-146505-4  |
| 5       | 83.41<br>[3.284]  | 81.28<br>[3.200] | 32 | 66                  | 3-146505-3  |
| 5       | 80.87<br>[3.184]  | 78.74<br>[3.100] | 31 | 64                  | 3-146505-2  |
| 5       | 78.33<br>[3.084]  | 76.20<br>[3.000] | 30 | 62                  | 3-146505-1  |
| 5       | 75.79<br>[2.984]  | 73.66<br>[2.900] | 29 | 60                  | 3-146505-0  |
| 5       | 73.25<br>[2.884]  | 71.12<br>[2.800] | 28 | 58                  | 2-146505-9  |
| 5       | 70.71<br>[2.784]  | 68.58<br>[2.700] | 27 | 56                  | 2-146505-8  |
| 5       | 68.17<br>[2.684]  | 66.04<br>[2.600] | 26 | 54                  | 2-146505-7  |
| 5       | 65.63<br>[2.584]  | 63.50<br>[2.500] | 25 | 52                  | 2-146505-6  |
| 5       | 63.09<br>[2.484]  | 60.96<br>[2.400] | 24 | 50                  | 2-146505-5  |
| 5       | 60.55<br>[2.384]  | 58.42<br>[2.300] | 23 | 48                  | 2-146505-4  |
| 5       | 58.01<br>[2.284]  | 55.88<br>[2.200] | 22 | 46                  | 2-146505-3  |
| 5       | 55.47<br>[2.184]  | 53.34<br>[2.100] | 21 | 44                  | 2-146505-2  |
| 5       | 52.93<br>[2.084]  | 50.80<br>[2.000] | 20 | 42                  | 2-146505-1  |
| 5       | 50.39<br>[1.984]  | 48.26<br>[1.900] | 19 | 40                  | 2-146505-0  |
| 5       | 47.85<br>[1.884]  | 45.72<br>[1.800] | 18 | 38                  | 1-146505-9  |
| 5       | 45.31<br>[1.784]  | 43.18<br>[1.700] | 17 | 36                  | 1-146505-8  |
| 5       | 42.77<br>[1.684]  | 40.64<br>[1.600] | 16 | 34                  | 1-146505-7  |
| 5       | 40.23<br>[1.584]  | 38.10<br>[1.500] | 15 | 32                  | 1-146505-6  |
| 5       | 37.69<br>[1.484]  | 35.56<br>[1.400] | 14 | 30                  | 1-146505-5  |
| 5       | 35.15<br>[1.384]  | 33.02<br>[1.300] | 13 | 28                  | 1-146505-4  |
| 5       | 32.61<br>[1.284]  | 30.48<br>[1.200] | 12 | 26                  | 1-146505-3  |
| 5       | 30.07<br>[1.184]  | 27.94<br>[1.100] | 11 | 24                  | 1-146505-2  |
| 5       | 27.53<br>[1.084]  | 25.40<br>[1.000] | 10 | 22                  | 1-146505-1  |
| 5       | 24.99<br>[.984]   | 22.86<br>[.900]  | 9  | 20                  | 1-146505-0  |
| 5       | 22.45<br>[.884]   | 20.32<br>[.800]  | 8  | 18                  | 146505-9    |
| 5       | 19.91<br>[.784]   | 17.78<br>[.700]  | 7  | 16                  | 146505-8    |
| 5       | 17.37<br>[.684]   | 15.24<br>[.600]  | 6  | 14                  | 146505-7    |
| 5       | 14.83<br>[.584]   | 12.70<br>[.500]  | 5  | 12                  | 146505-6    |
| 5       | 12.29<br>[.484]   | 10.16<br>[.400]  | 4  | 10                  | 146505-5    |
| 5       | 9.75<br>[.384]    | 7.62<br>[.300]   | 3  | 8                   | 146505-4    |
| 5       | 7.21<br>[.284]    | 5.08<br>[.200]   | 2  | 6                   | 146505-3    |
| 5       | 4.67<br>[.184]    | 2.54<br>[.100]   | 1  | 4                   | 146505-2    |
| 5       | 2.13<br>[.084]    | -                | -  | 2                   | 146505-1    |
| PLATING | G                 | F                | E  | NO. OF<br>POSITIONS | PART NUMBER |

|                                                                                                                                  |  |                                                                                      |  |                                                                                                       |  |
|----------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                           |  | DWG. NO. <b>BRANDBERG</b><br>11-NOV-96                                               |  |  TE Connectivity |  |
| DIMENSIONS:<br>mm [INCHES]                                                                                                       |  | CHG. NO. <b>G. DUBNICZKI</b><br>11-NOV-96<br>APP'D. <b>G. DUBNICZKI</b><br>11-NOV-96 |  |                                                                                                       |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±<br>2 PLC ± 0.51[.02]<br>3 PLC ± 0.127[.005]<br>4 PLC ± 0.0254[.001] |  | NAME                                                                                 |  | PRODUCT SPEC<br>APPLICATION SPEC                                                                      |  |
| MATERIAL<br> SEE TABLE                      |  | WEIGHT<br>—                                                                          |  | SIZE<br>A1                                                                                            |  |
|                                                                                                                                  |  | CASE CODE<br>00779                                                                   |  | DRAWING NO.<br>146505                                                                                 |  |
|                                                                                                                                  |  | CUSTOMER DRAWING                                                                     |  | RESTRICTED TO<br>—                                                                                    |  |
|                                                                                                                                  |  | SCALE<br>4:1                                                                         |  | SHEET<br>1 OF 1                                                                                       |  |
|                                                                                                                                  |  | REV<br>A                                                                             |  |                                                                                                       |  |

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