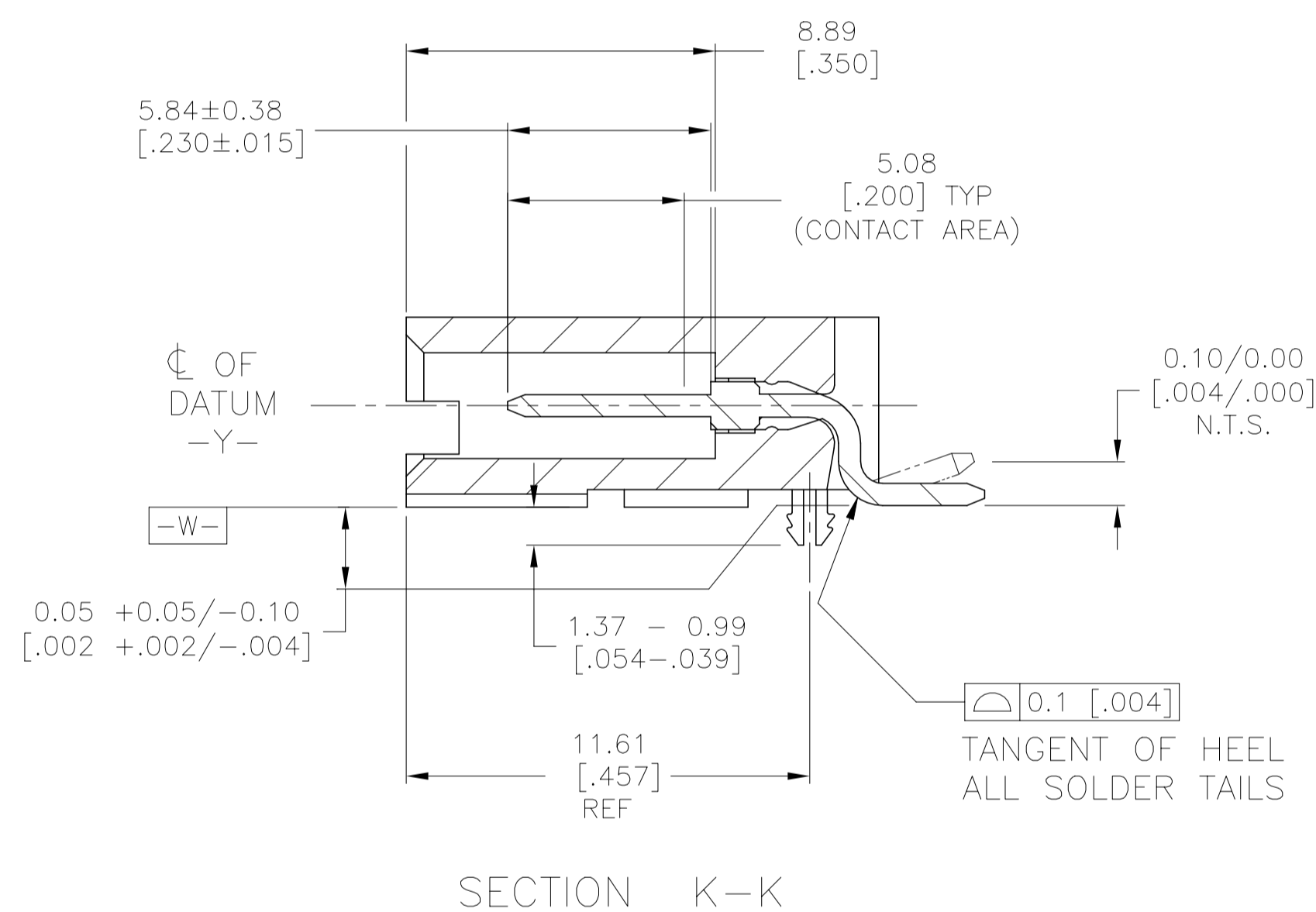
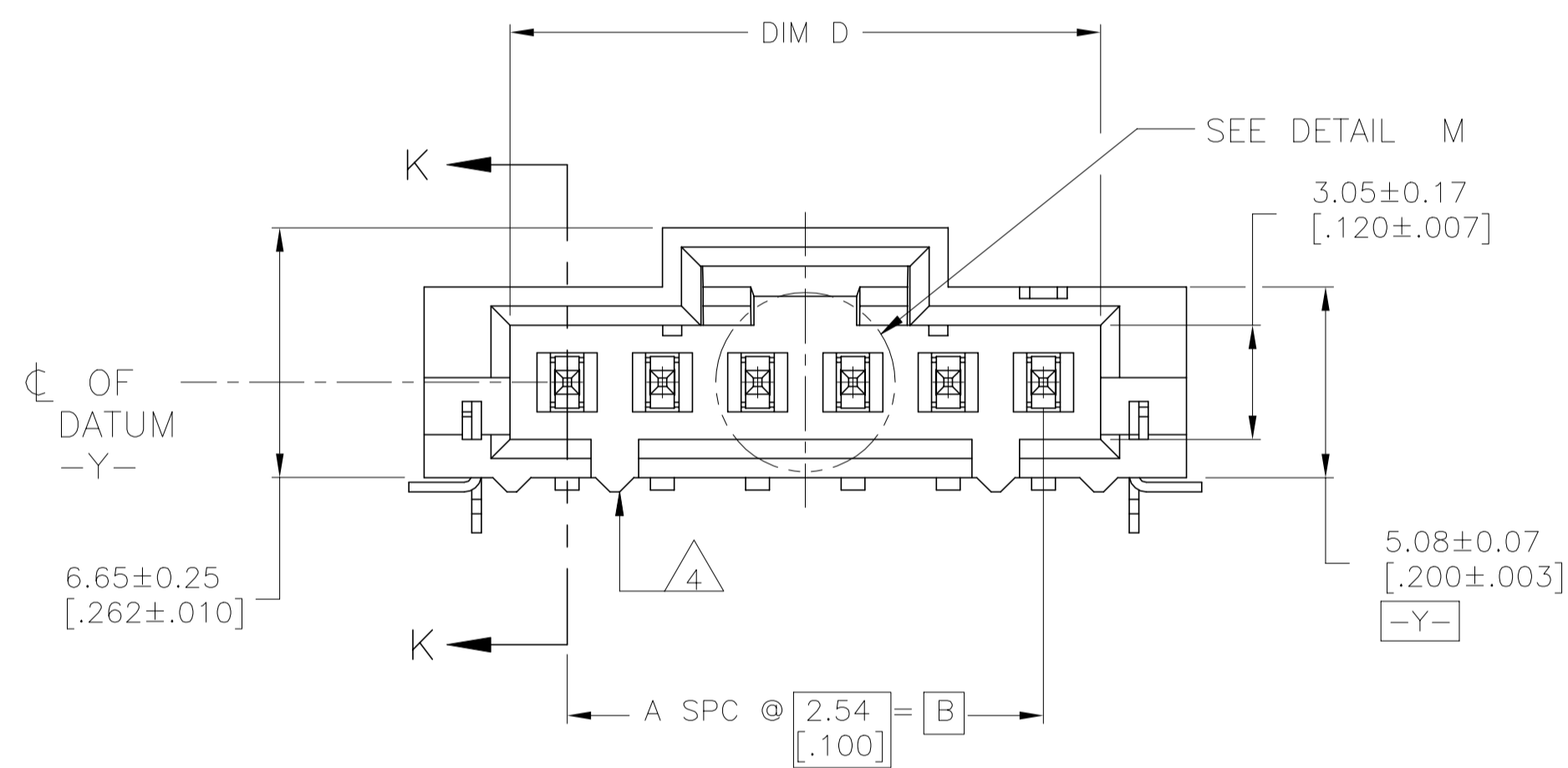
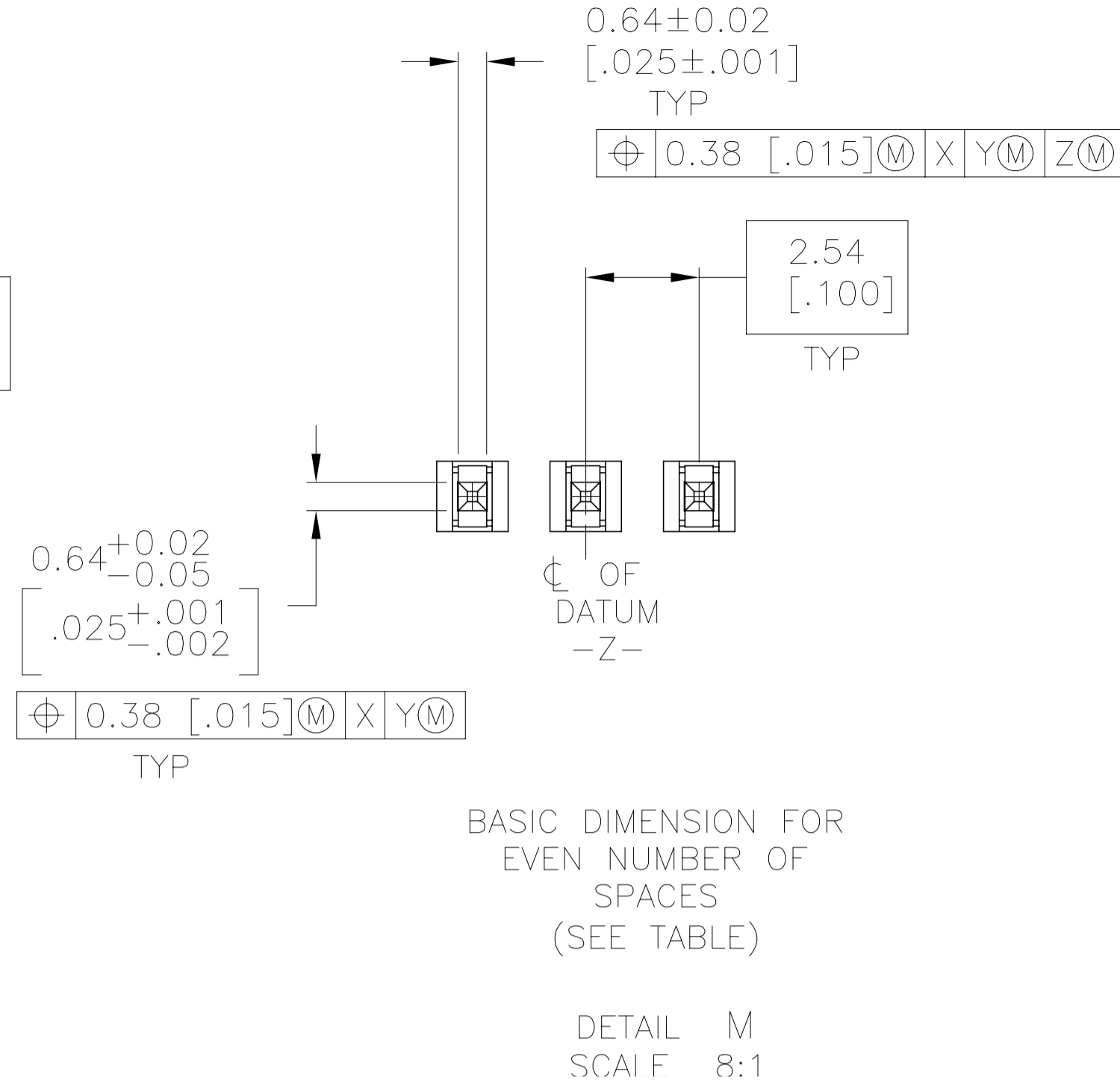
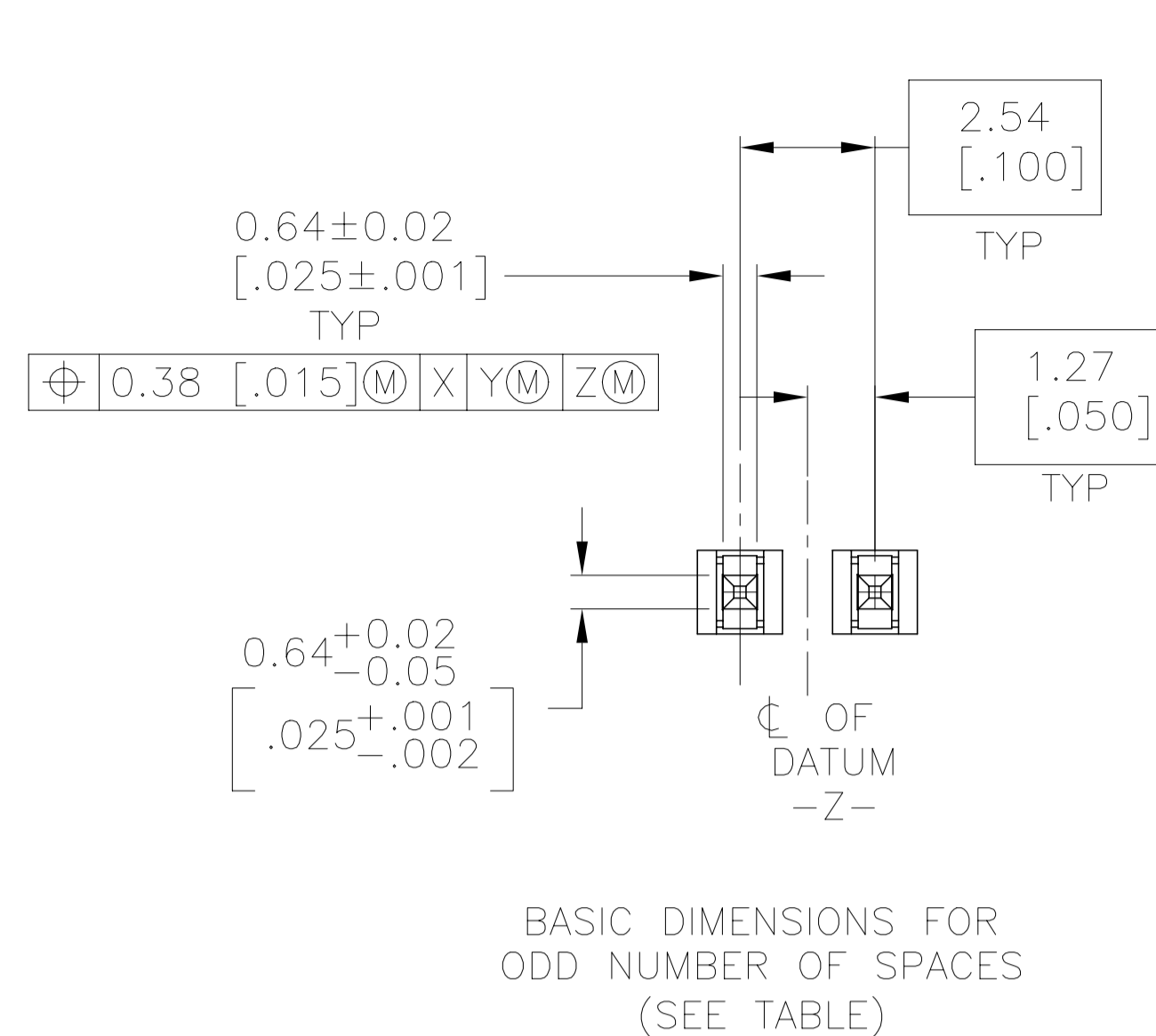
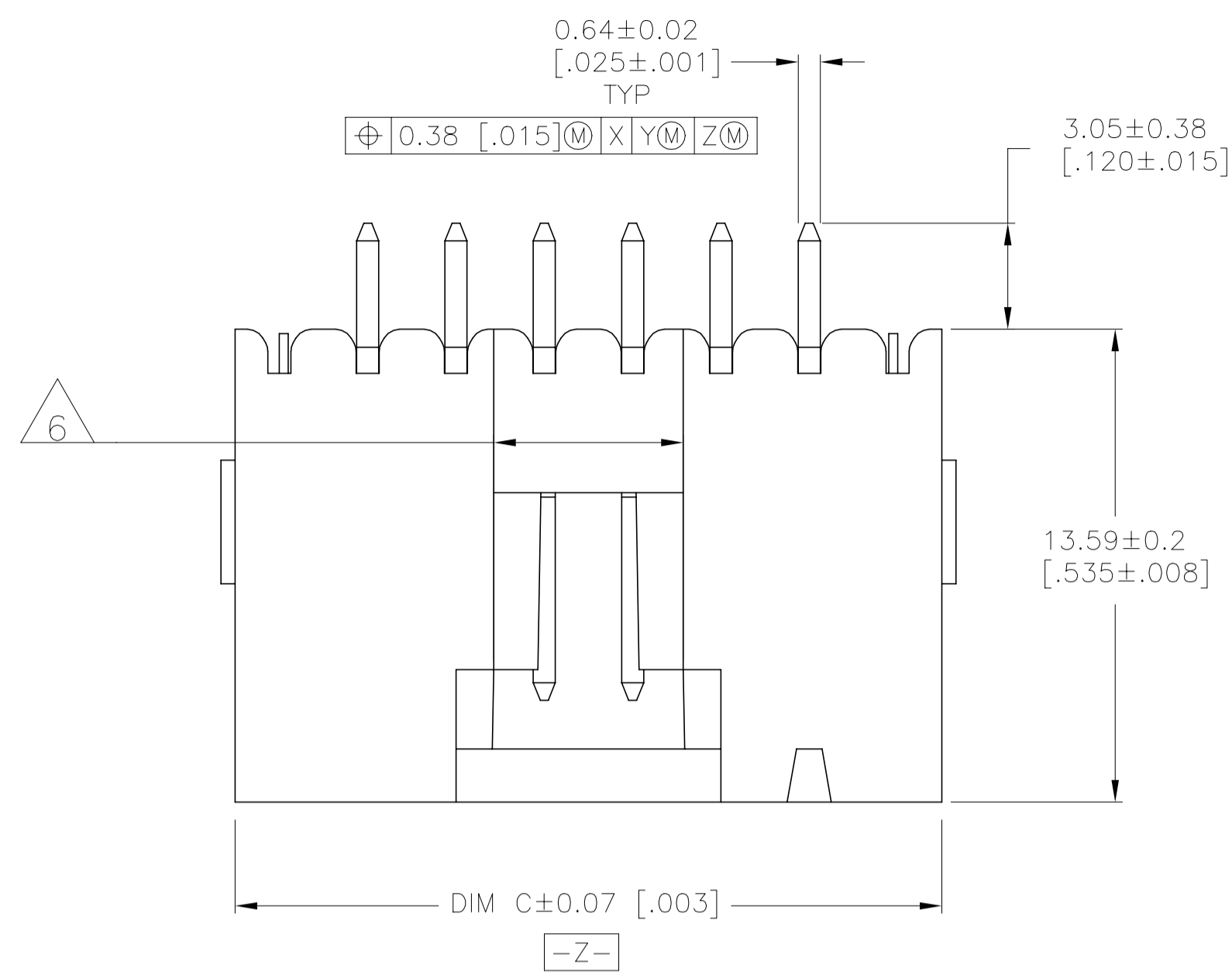
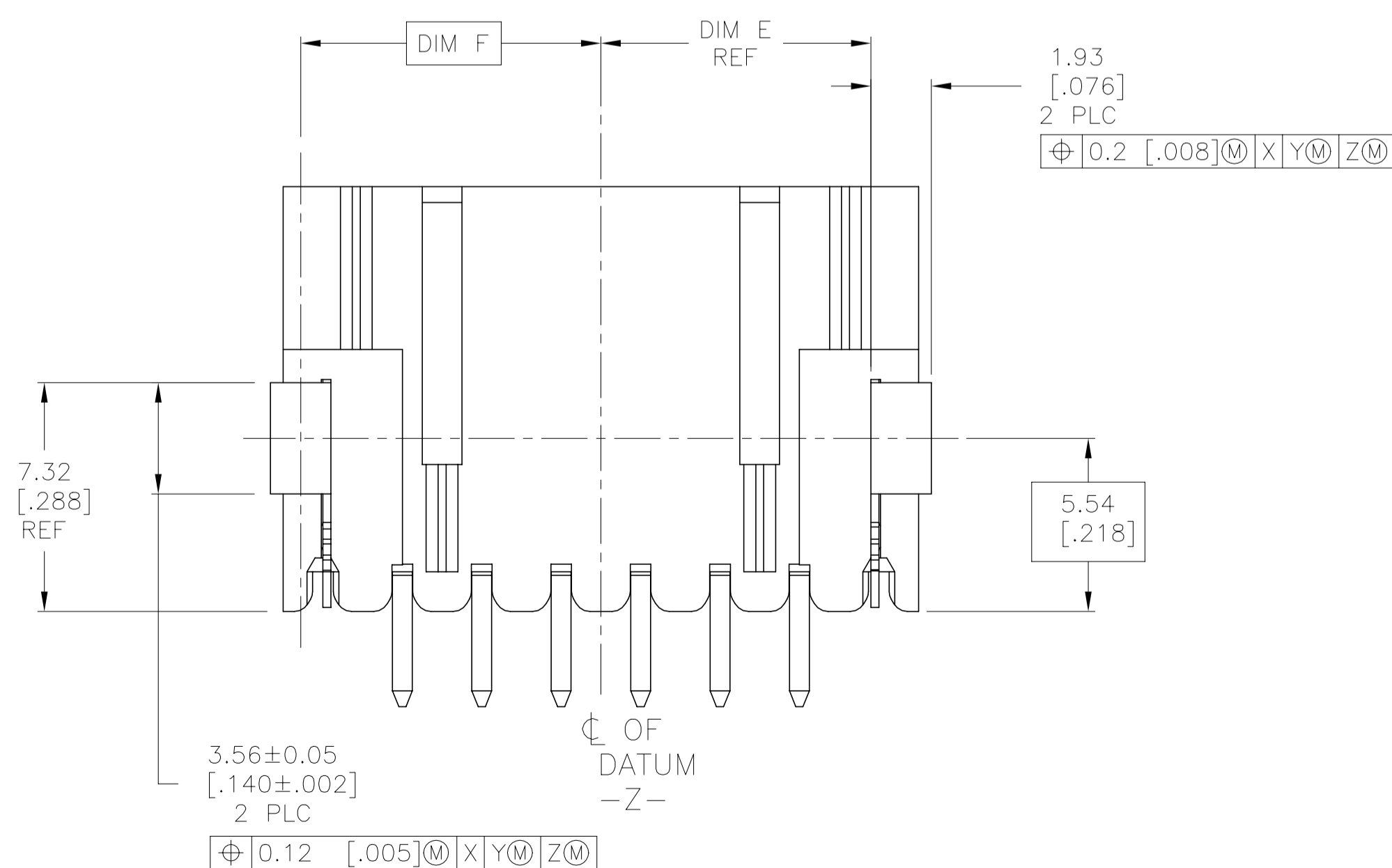


| REVISIONS |     |                           |           |       |
|-----------|-----|---------------------------|-----------|-------|
| P         | LTR | DESCRIPTION               | DATE      | DRN   |
| H         |     | REVISED PER ECO-20-001327 | 05JUN2020 | SB JO |



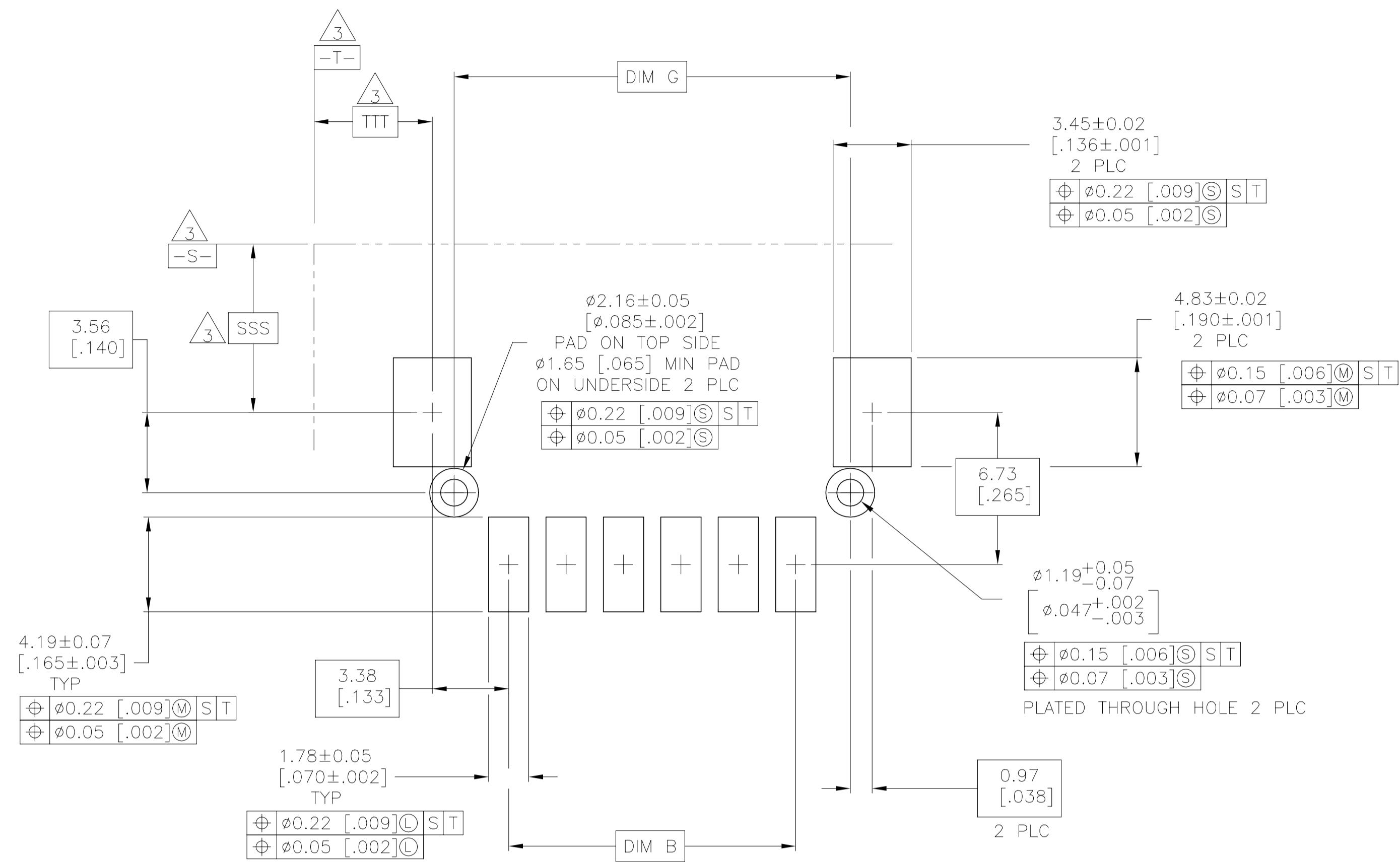
- 1 HOUSING: LCP, COLOR-BLACK.  
POST: BRASS.
- 2 POST: 0.000762 [.000030] MIN GOLD ON THE CONTACT AREA,  
0.00254-0.00508 [.000100-.000200] MIN MATTE TIN-LEAD  
ON THE SOLDER LEADS, ALL OVER 0.00127 [.000050] NICKEL.
- 3 DATUMS AND BASIC DIMENSIONS ESTABLISHED BY THE CUSTOMER.
- 4 TWO POLARIZATION SLOTS ON ASSEMBLIES WITH FOUR OR MORE  
POSITIONS.
- 5 POST: 0.000762 [.000030] MIN GOLD ON THE CONTACT AREA,  
0.00254-0.00508 [.000100-.000200] MIN MATTE TIN ON THE  
SOLDER LEADS, ALL OVER 0.00127 [.000050] NICKEL.
- 6 0.25 [.010] RECESS PERMISSIBLE IN THIS AREA FOR MOLD SHUT OFF



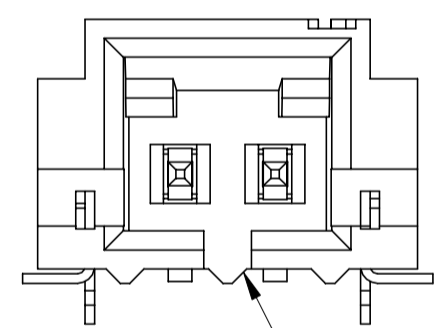
SEE TABLE ON  
SHEET #3

|   |                     |                               |                      |  |
|---|---------------------|-------------------------------|----------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.    |                     | DRN<br>B. HAYMAKER<br>02DEC99 | TE Connectivity Ltd. |  |
| DIMENSIONS:<br>mm [INCHES]                |                     | CHK<br>J. MOSIER<br>02DEC99   | NAME                 |  |
| TOLERANCES UNLESS<br>OTHERWISE SPECIFIED: |                     | APVD<br>J. MOSIER<br>02DEC99  | PRODUCT SPEC         |  |
| 0 PLC ± -                                 | 1 PLC ± -           | 108-25034                     |                      |  |
| 2 PLC ± -                                 | 3 PLC ± 0.13 [.005] | APPLICATION SPEC              |                      |  |
| 4 PLC ± -                                 | ANGLES ± -          | SIZE CAGE CODE DRAWING NO     |                      |  |
| MATERIAL                                  | FINISH              | WEIGHT                        | RESTRICTED TO        |  |
| 1   | SEE TABLE           | -                             | A1 00779 C=147323    |  |
| CUSTOMER DRAWING                          |                     | SCALE                         | SHEET 1 OF 4 REV H   |  |
|   |                     | 6:1                           |                      |  |

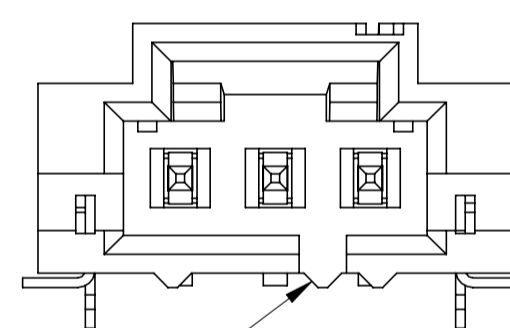
| REVISIONS |     |             |      |       |
|-----------|-----|-------------|------|-------|
| P         | LTR | DESCRIPTION | DATE | APP'D |
| -         | -   | SEE SHEET 1 | -    | -     |



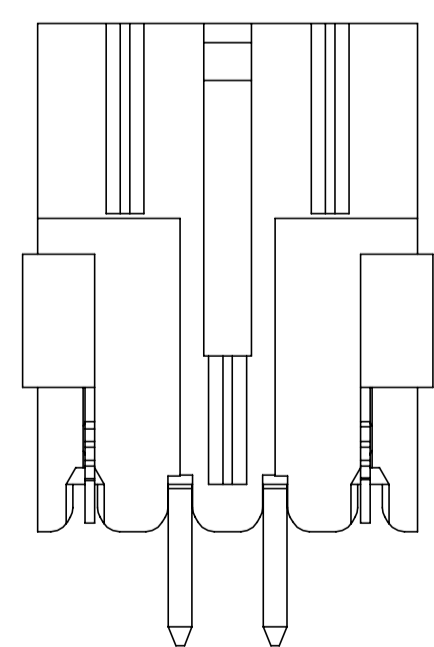
RECOMMENDED PC BOARD LAYOUT



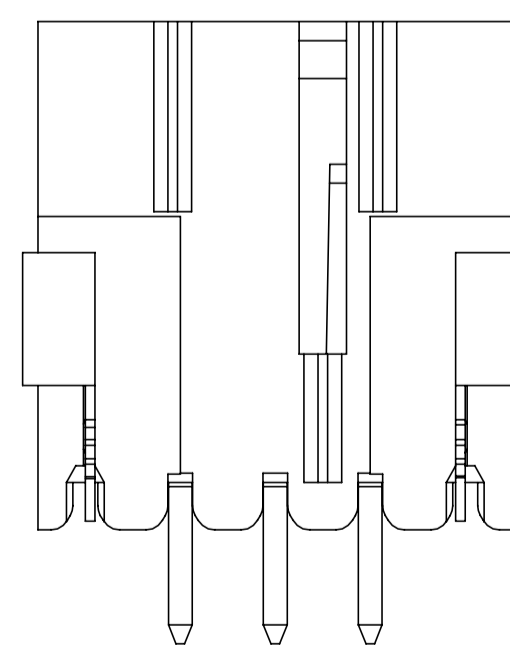
POLARIZATION SLOT FOR TWO POSITION



POLARIZING SLOT FOR THREE POSITION



147278-1



147278-2

|  |                     |                               |  |       |     |       |     |       |               |       |     |        |     |                           |            |
|--|---------------------|-------------------------------|--|-------|-----|-------|-----|-------|---------------|-------|-----|--------|-----|---------------------------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.   |                     | DWN<br>B. HAYMAKER<br>02DEC99 | TE Connectivity Ltd.   |       |     |       |     |       |               |       |     |        |     |                           |            |
| DIMENSIONS:<br>mm [INCHES]   |                     | CHK<br>J. MOSIER<br>02DEC99   |  |       |     |       |     |       |               |       |     |        |     |                           |            |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:   |                     | APVD<br>J. MOSIER<br>02DEC99  | NAME<br>HEADER ASSEMBLY, LATCHING, RIGHT<br>ANGLE SURFACE MOUNT, MTE,<br>AMPMODU |       |     |       |     |       |               |       |     |        |     |                           |            |
| <table border="1"> <tr><td>0 PLC</td><td>± -</td></tr> <tr><td>1 PLC</td><td>± -</td></tr> <tr><td>2 PLC</td><td>± -</td></tr> <tr><td>3 PLC</td><td>± 0.13 [.005]</td></tr> <tr><td>4 PLC</td><td>± -</td></tr> <tr><td>ANGLES</td><td>± -</td></tr> </table> |                     | 0 PLC                         | ± -  | 1 PLC | ± - | 2 PLC | ± - | 3 PLC | ± 0.13 [.005] | 4 PLC | ± - | ANGLES | ± - | PRODUCT SPEC<br>108-25034 | SIZE<br>A1 |
| 0 PLC  | ± -                 |                               |  |       |     |       |     |       |               |       |     |        |     |                           |            |
| 1 PLC  | ± -                 |                               |  |       |     |       |     |       |               |       |     |        |     |                           |            |
| 2 PLC  | ± -                 |                               |  |       |     |       |     |       |               |       |     |        |     |                           |            |
| 3 PLC  | ± 0.13 [.005]       |                               |  |       |     |       |     |       |               |       |     |        |     |                           |            |
| 4 PLC  | ± -                 |                               |  |       |     |       |     |       |               |       |     |        |     |                           |            |
| ANGLES   | ± -                 |                               |  |       |     |       |     |       |               |       |     |        |     |                           |            |
| MATERIAL<br>1  | FINISH<br>SEE TABLE | APPLICATION SPEC<br>-         | CAGE CODE<br>00779   |       |     |       |     |       |               |       |     |        |     |                           |            |
| CUSTOMER DRAWING   |                     | WEIGHT<br>-                   | DRAWING NO<br>147323   |       |     |       |     |       |               |       |     |        |     |                           |            |
|  |                     | SCALE<br>6:1                  | SHEET<br>2 OF 4  |       |     |       |     |       |               |       |     |        |     |                           |            |
|  |                     |                               | REV<br>H   |       |     |       |     |       |               |       |     |        |     |                           |            |

| REVISIONS |     |             |      |       |
|-----------|-----|-------------|------|-------|
| P         | LTR | DESCRIPTION | DATE | APP'D |
| -         | -   | SEE SHEET 1 | -    | -     |

|         |                       |               |               |               |               |               |               |    |            |             |
|---------|-----------------------|---------------|---------------|---------------|---------------|---------------|---------------|----|------------|-------------|
|         | 88                    | 65.79 [2.590] | 33.73 [1.328] | 32.77 [1.290] | 64.01 [2.520] | 68.45 [2.695] | 60.96 [2.400] | 24 | 25         | 2-147323-4  |
|         | 88                    | 63.25 [2.490] | 32.46 [1.278] | 31.50 [1.240] | 61.47 [2.420] | 65.91 [2.595] | 58.42 [2.300] | 23 | 24         | 2-147323-3  |
|         | 88                    | 60.71 [2.390] | 31.19 [1.228] | 30.23 [1.190] | 58.93 [2.320] | 63.37 [2.495] | 55.88 [2.200] | 22 | 23         | 2-147323-2  |
|         | 88                    | 58.17 [2.290] | 29.92 [1.178] | 28.96 [1.140] | 56.39 [2.220] | 60.83 [2.395] | 53.34 [2.100] | 21 | 22         | 2-147323-1  |
|         | 88                    | 55.63 [2.190] | 28.65 [1.128] | 27.69 [1.090] | 53.85 [2.120] | 58.29 [2.295] | 50.80 [2.000] | 20 | 21         | 2-147323-0  |
|         | 72                    | 53.09 [2.090] | 27.38 [1.078] | 26.42 [1.040] | 51.31 [2.020] | 55.75 [2.195] | 48.26 [1.900] | 19 | 20         | 1-147323-9  |
|         | 72                    | 50.55 [1.990] | 26.11 [1.028] | 25.15 [.990]  | 48.77 [1.920] | 53.21 [2.095] | 45.72 [1.800] | 18 | 19         | 1-147323-8  |
|         | 72                    | 48.01 [1.890] | 24.84 [.978]  | 23.88 [.940]  | 46.23 [1.820] | 50.67 [1.995] | 43.18 [1.700] | 17 | 18         | 1-147323-7  |
|         | 72                    | 45.47 [1.790] | 23.57 [.928]  | 22.61 [.890]  | 43.69 [1.720] | 48.13 [1.895] | 40.64 [1.600] | 16 | 17         | 1-147323-6  |
|         | 72                    | 42.93 [1.690] | 22.30 [.878]  | 21.34 [.840]  | 41.15 [1.620] | 45.59 [1.795] | 38.10 [1.500] | 15 | 16         | 1-147323-5  |
|         | 72                    | 40.39 [1.590] | 21.03 [.828]  | 20.07 [.790]  | 38.61 [1.520] | 43.05 [1.695] | 35.56 [1.400] | 14 | 15         | 1-147323-4  |
|         | 56                    | 37.85 [1.490] | 19.76 [.778]  | 18.80 [.740]  | 36.07 [1.420] | 40.51 [1.595] | 33.02 [1.300] | 13 | 14         | 1-147323-3  |
|         | 56                    | 35.31 [1.390] | 18.49 [.728]  | 17.53 [.690]  | 33.53 [1.320] | 37.97 [1.495] | 30.48 [1.200] | 12 | 13         | 1-147323-2  |
|         | 56                    | 32.77 [1.290] | 17.22 [.678]  | 16.26 [.640]  | 30.99 [1.220] | 35.43 [1.395] | 27.94 [1.100] | 11 | 12         | 1-147323-1  |
|         | 56                    | 30.23 [1.190] | 15.95 [.628]  | 14.99 [.590]  | 28.45 [1.120] | 32.89 [1.295] | 25.40 [1.000] | 10 | 11         | 1-147323-0  |
|         | 44                    | 27.69 [1.090] | 14.68 [.578]  | 13.72 [.540]  | 25.91 [1.020] | 30.35 [1.195] | 22.86 [.900]  | 9  | 10         | 147323-9    |
|         | 44                    | 25.15 [.990]  | 13.41 [.528]  | 12.45 [.490]  | 23.37 [.920]  | 27.81 [1.095] | 20.32 [.800]  | 8  | 9          | 147323-8    |
|         | 44                    | 22.61 [.890]  | 12.14 [.478]  | 11.18 [.440]  | 20.83 [.820]  | 25.27 [.995]  | 17.78 [.700]  | 7  | 8          | 147323-7    |
|         | 44                    | 20.07 [.790]  | 10.87 [.428]  | 9.91 [.390]   | 18.29 [.720]  | 22.73 [.895]  | 15.24 [.600]  | 6  | 7          | 147323-6    |
|         | 44                    | 17.53 [.690]  | 9.60 [.378]   | 8.64 [.340]   | 15.75 [.620]  | 20.19 [.795]  | 12.70 [.500]  | 5  | 6          | 147323-5    |
|         | 32                    | 14.99 [.590]  | 8.33 [.328]   | 7.37 [.290]   | 13.21 [.520]  | 17.65 [.695]  | 10.16 [.400]  | 4  | 5          | 147323-4    |
|         | 24                    | 12.45 [.490]  | 7.06 [.278]   | 6.10 [.240]   | 10.67 [.420]  | 15.11 [.595]  | 7.62 [.300]   | 3  | 4          | 147323-3    |
|         | 24                    | 9.91 [.390]   | 5.79 [.228]   | 4.83 [.190]   | 8.13 [.320]   | 12.57 [.495]  | 5.08 [.200]   | 2  | 3          | 147323-2    |
|         | 24                    | 7.37 [.290]   | 4.52 [.178]   | 3.56 [.140]   | 5.59 [.220]   | 10.03 [.395]  | 2.54 [.100]   | 1  | 2          | 147323-1    |
| PLATING | EAI 481 TAPE WIDTH mm | G             | F             | E             | D             | C             | B             | A  | NO OF POSN | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

FINISH: SEE TABLE

DRAWN: B. HAYMAKER 02DEC99

CHK: J. MOSIER 02DEC99

APVD: J. MOSIER 02DEC99

NAME: J. MOSIER

PRODUCT SPEC: 108-25034

APPLICATION SPEC: -

WEIGHT: -

CUSTOMER DRAWING

STE TE Connectivity Ltd.

HEADER ASSEMBLY, LATCHING, RIGHT ANGLE SURFACE MOUNT, MTE, AMPMODU

SIZE: A1 CAGE CODE: 00779 DRAWING NO: C=147323 RESTRICTED TO: -

SCALE: 1:1 SHEET: 3 OF 4 REV: H

| REVISIONS |     |             |      |       |
|-----------|-----|-------------|------|-------|
| P         | LTR | DESCRIPTION | DATE | APP'D |
| -         | -   | SEE SHEET 1 | -    | -     |

|         |                          |               |               |               |               |               |               |    |                  |                |
|---------|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|----|------------------|----------------|
| △5      | 88                       | 65.79 [2.590] | 33.73 [1.328] | 32.77 [1.290] | 64.01 [2.520] | 68.45 [2.695] | 60.96 [2.400] | 24 | 25               | 7-147323-4     |
| △5      | 88                       | 63.25 [2.490] | 32.46 [1.278] | 31.50 [1.240] | 61.47 [2.420] | 65.91 [2.595] | 58.42 [2.300] | 23 | 24               | 7-147323-3     |
| △5      | 88                       | 60.71 [2.390] | 31.19 [1.228] | 30.23 [1.190] | 58.93 [2.320] | 63.37 [2.495] | 55.88 [2.200] | 22 | 23               | 7-147323-2     |
| △5      | 88                       | 58.17 [2.290] | 29.92 [1.178] | 28.96 [1.140] | 56.39 [2.220] | 60.83 [2.395] | 53.34 [2.100] | 21 | 22               | 7-147323-1     |
| △5      | 88                       | 55.63 [2.190] | 28.65 [1.128] | 27.69 [1.090] | 53.85 [2.120] | 58.29 [2.295] | 50.80 [2.000] | 20 | 21               | 7-147323-0     |
| △5      | 72                       | 53.09 [2.090] | 27.38 [1.078] | 26.42 [1.040] | 51.31 [2.020] | 55.75 [2.195] | 48.26 [1.900] | 19 | 20               | 6-147323-9     |
| △5      | 72                       | 50.55 [1.990] | 26.11 [1.028] | 25.15 [.990]  | 48.77 [1.920] | 53.21 [2.095] | 45.72 [1.800] | 18 | 19               | 6-147323-8     |
| △5      | 72                       | 48.01 [1.890] | 24.84 [.978]  | 23.88 [.940]  | 46.23 [1.820] | 50.67 [1.995] | 43.18 [1.700] | 17 | 18               | 6-147323-7     |
| △5      | 72                       | 45.47 [1.790] | 23.57 [.928]  | 22.61 [.890]  | 43.69 [1.720] | 48.13 [1.895] | 40.64 [1.600] | 16 | 17               | 6-147323-6     |
| △5      | 72                       | 42.93 [1.690] | 22.30 [.878]  | 21.34 [.840]  | 41.15 [1.620] | 45.59 [1.795] | 38.10 [1.500] | 15 | 16               | 6-147323-5     |
| △5      | 72                       | 40.39 [1.590] | 21.03 [.828]  | 20.07 [.790]  | 38.61 [1.520] | 43.05 [1.695] | 35.56 [1.400] | 14 | 15               | 6-147323-4     |
| △5      | 56                       | 37.85 [1.490] | 19.76 [.778]  | 18.80 [.740]  | 36.07 [1.420] | 40.51 [1.595] | 33.02 [1.300] | 13 | 14               | 6-147323-3     |
| △5      | 56                       | 35.31 [1.390] | 18.49 [.728]  | 17.53 [.690]  | 33.53 [1.320] | 37.97 [1.495] | 30.48 [1.200] | 12 | 13               | 6-147323-2     |
| △5      | 56                       | 32.77 [1.290] | 17.22 [.678]  | 16.26 [.640]  | 30.99 [1.220] | 35.43 [1.395] | 27.94 [1.100] | 11 | 12               | 6-147323-1     |
| △5      | 56                       | 30.23 [1.190] | 15.95 [.628]  | 14.99 [.590]  | 28.45 [1.120] | 32.89 [1.295] | 25.40 [1.000] | 10 | 11               | 6-147323-0     |
| △5      | 44                       | 27.69 [1.090] | 14.68 [.578]  | 13.72 [.540]  | 25.91 [1.020] | 30.35 [1.195] | 22.86 [.900]  | 9  | 10               | 5-147323-9     |
| △5      | 44                       | 25.15 [.990]  | 13.41 [.528]  | 12.45 [.490]  | 23.37 [.920]  | 27.81 [1.095] | 20.32 [.800]  | 8  | 9                | 5-147323-8     |
| △5      | 44                       | 22.61 [.890]  | 12.14 [.478]  | 11.18 [.440]  | 20.83 [.820]  | 25.27 [.995]  | 17.78 [.700]  | 7  | 8                | 5-147323-7     |
| △5      | 44                       | 20.07 [.790]  | 10.87 [.428]  | 9.91 [.390]   | 18.29 [.720]  | 22.73 [.895]  | 15.24 [.600]  | 6  | 7                | 5-147323-6     |
| △5      | 44                       | 17.53 [.690]  | 9.60 [.378]   | 8.64 [.340]   | 15.75 [.620]  | 20.19 [.795]  | 12.70 [.500]  | 5  | 6                | 5-147323-5     |
| △5      | 32                       | 14.99 [.590]  | 8.33 [.328]   | 7.37 [.290]   | 13.21 [.520]  | 17.65 [.695]  | 10.16 [.400]  | 4  | 5                | 5-147323-4     |
| △5      | 24                       | 12.45 [.490]  | 7.06 [.278]   | 6.10 [.240]   | 10.67 [.420]  | 15.11 [.595]  | 7.62 [.300]   | 3  | 4                | 5-147323-3     |
| △5      | 24                       | 9.91 [.390]   | 5.79 [.228]   | 4.83 [.190]   | 8.13 [.320]   | 12.57 [.495]  | 5.08 [.200]   | 2  | 3                | 5-147323-2     |
| △5      | 24                       | 7.37 [.290]   | 4.52 [.178]   | 3.56 [.140]   | 5.59 [.220]   | 10.03 [.395]  | 2.54 [.100]   | 1  | 2                | 5-147323-1     |
| PLATING | EAI 481 TAPE<br>WIDTH mm | G             | F             | E             | D             | C             | B             | A  | NO<br>OF<br>POSN | PART<br>NUMBER |

|  |  |                               |                                 |
|--|--|-------------------------------|---------------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>B. HAYMAKER<br>02DEC99 | <b>STE</b> TE Connectivity Ltd. |
| DIMENSIONS:<br>mm [INCHES]             |  | CHK<br>J. MOSIER<br>02DEC99   |                                 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD<br>J. MOSIER<br>02DEC99  | NAME                            |
| 0 PLC ± -                              |  | 108-25034                     |                                 |
| 1 PLC ± -                              |  | APPLICATION SPEC              |                                 |
| 2 PLC ± -                              |  | SIZE                          |                                 |
| 3 PLC ± 0.13 [.005]                    |  | CAGE CODE                     |                                 |
| 4 PLC ± -                              |  | DRAWING NO                    |                                 |
| ANGLES ± -                             |  | RESTRICTED TO                 |                                 |
| FINISH SEE TABLE                       |  | A1 00779 C=147323             |                                 |
| MATERIAL △1                            |  | WEIGHT                        |                                 |
| CUSTOMER DRAWING                       |  | SCALE 1:1 SHEET 4 OF 4 REV H  |                                 |

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[4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [79531-3000](#) [FCN-](#)  
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