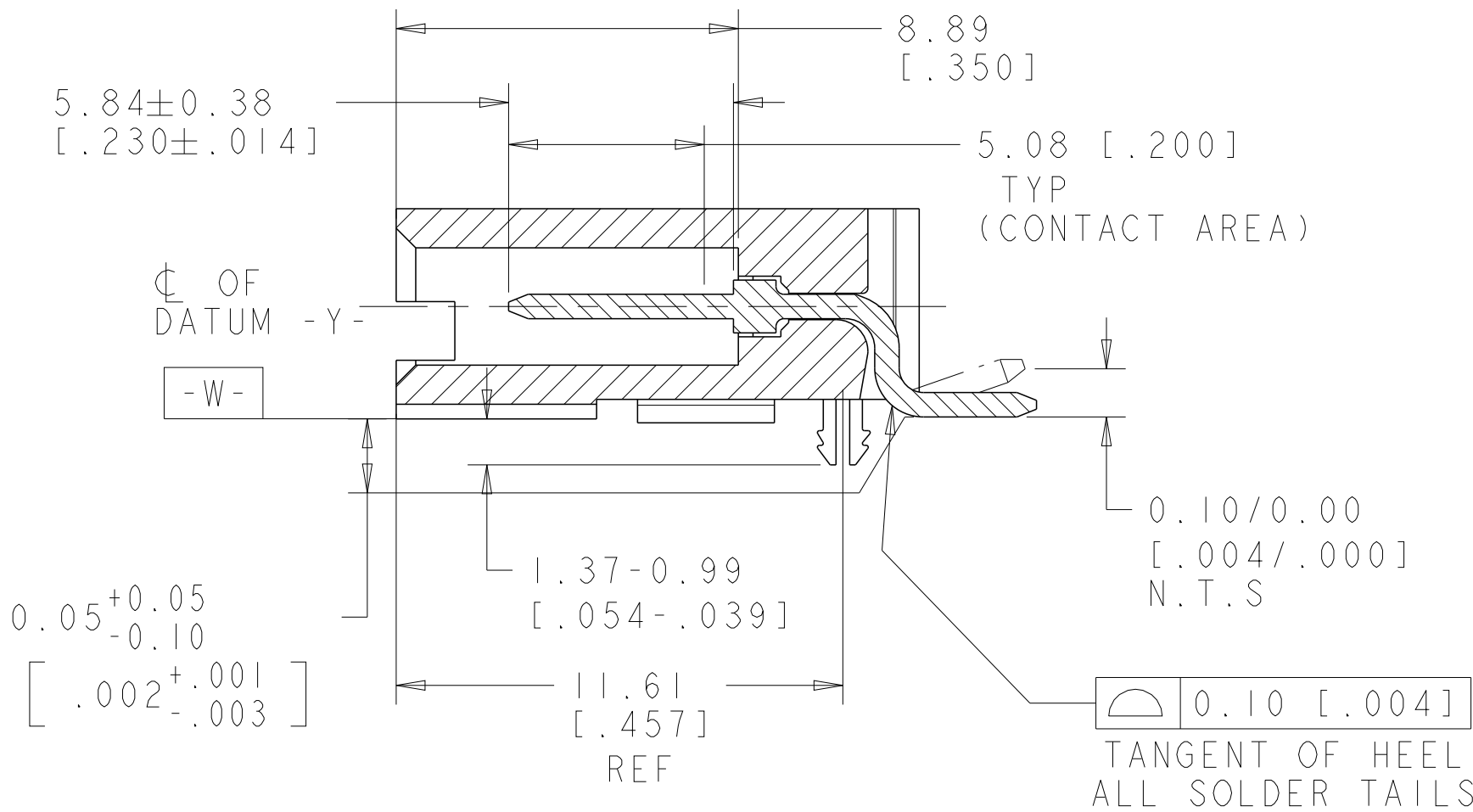
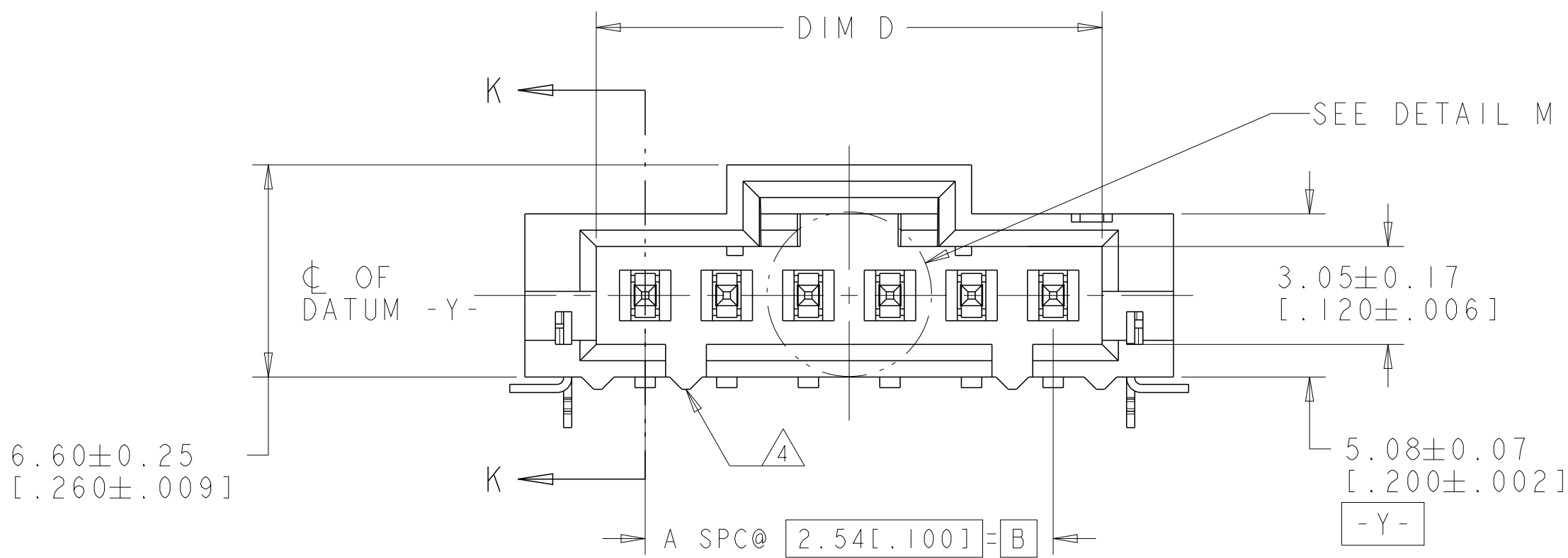
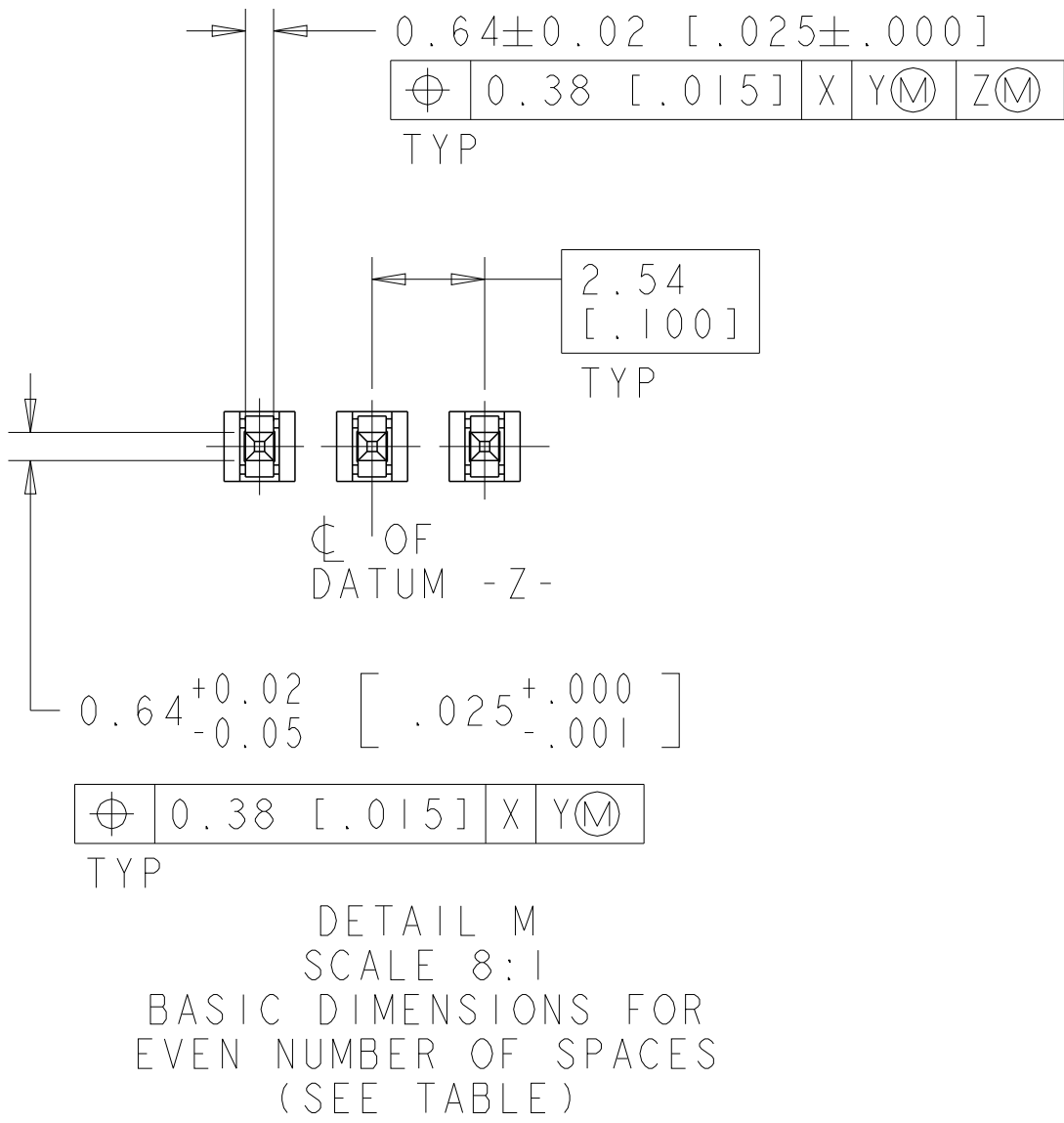
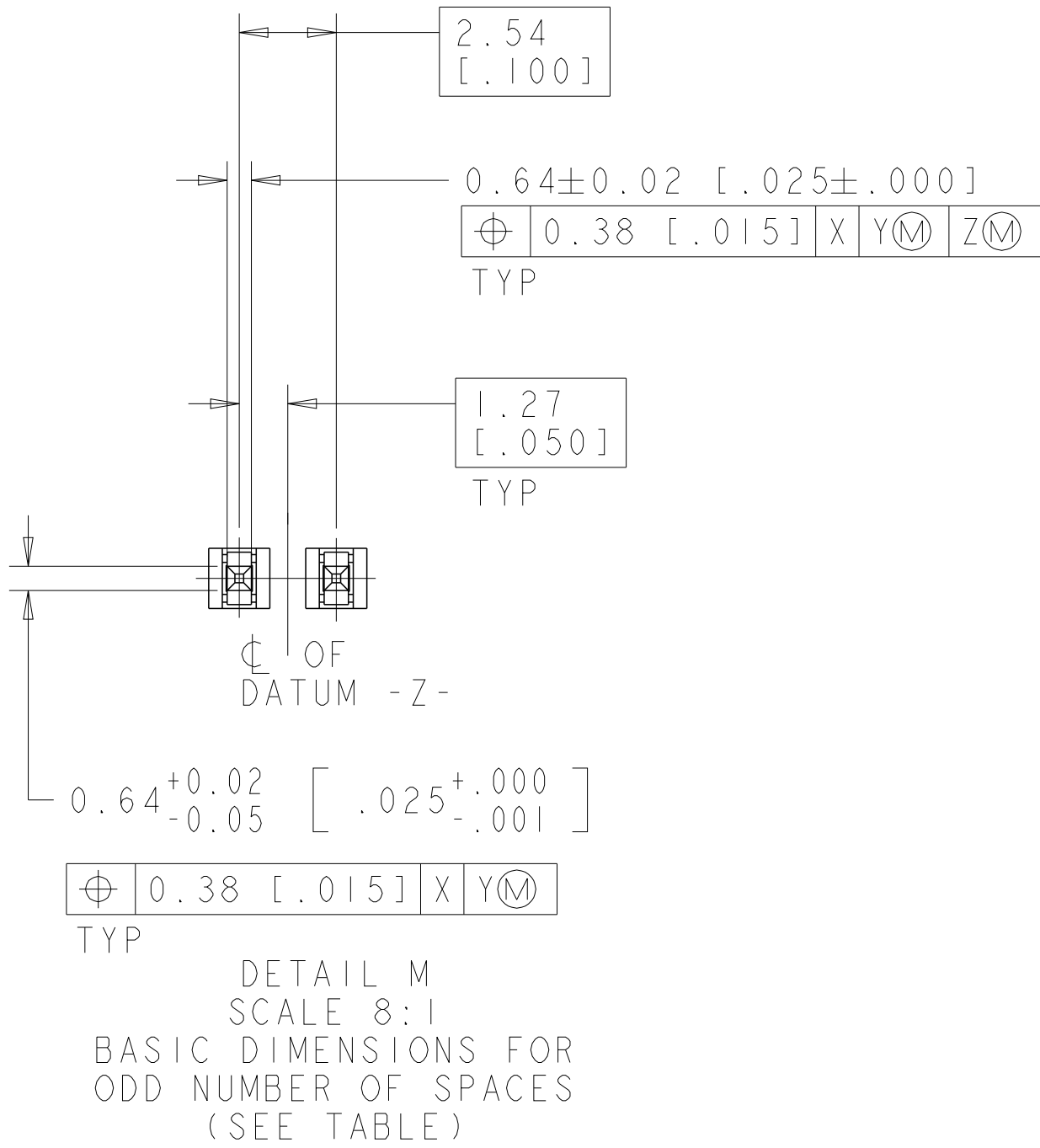
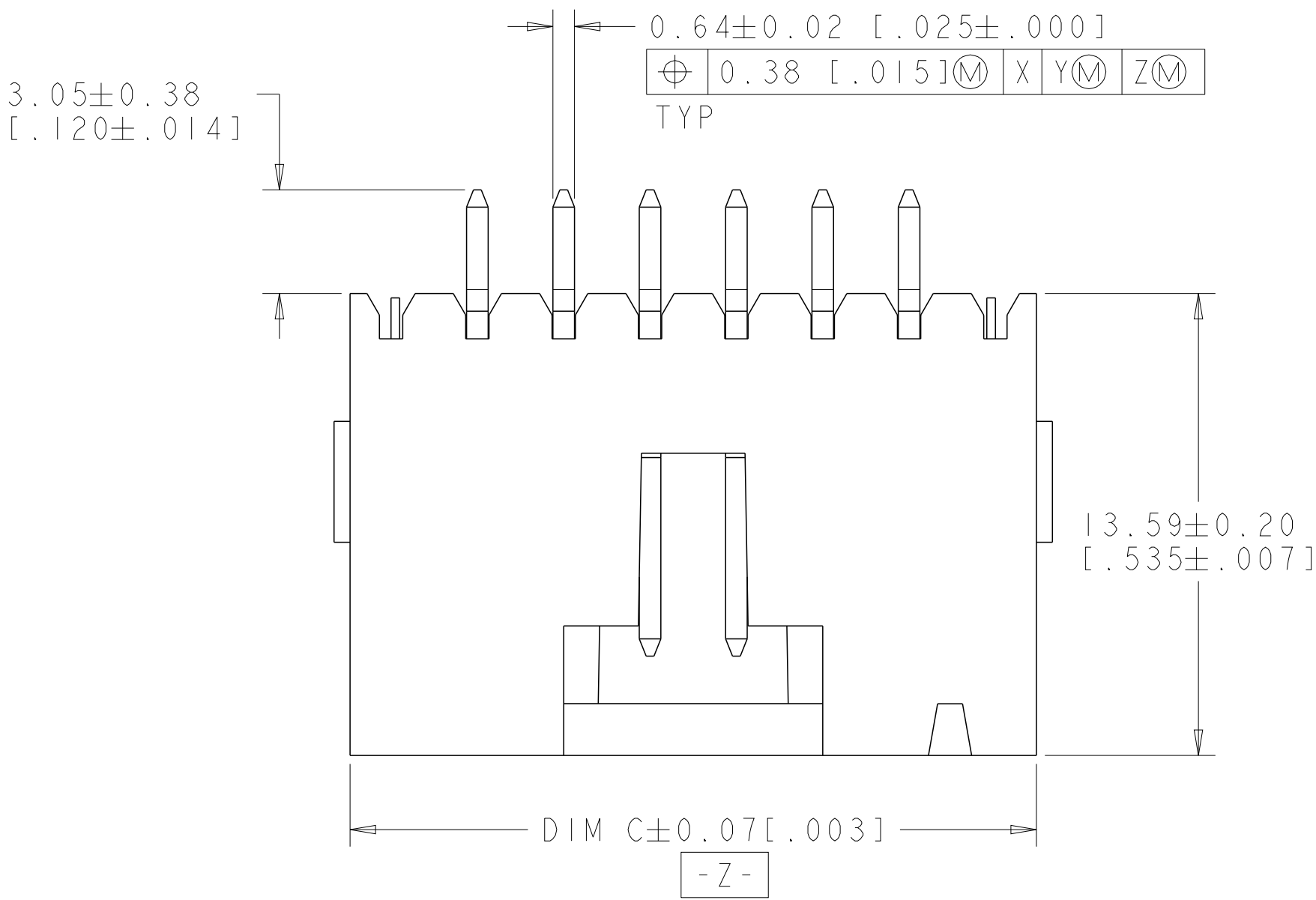
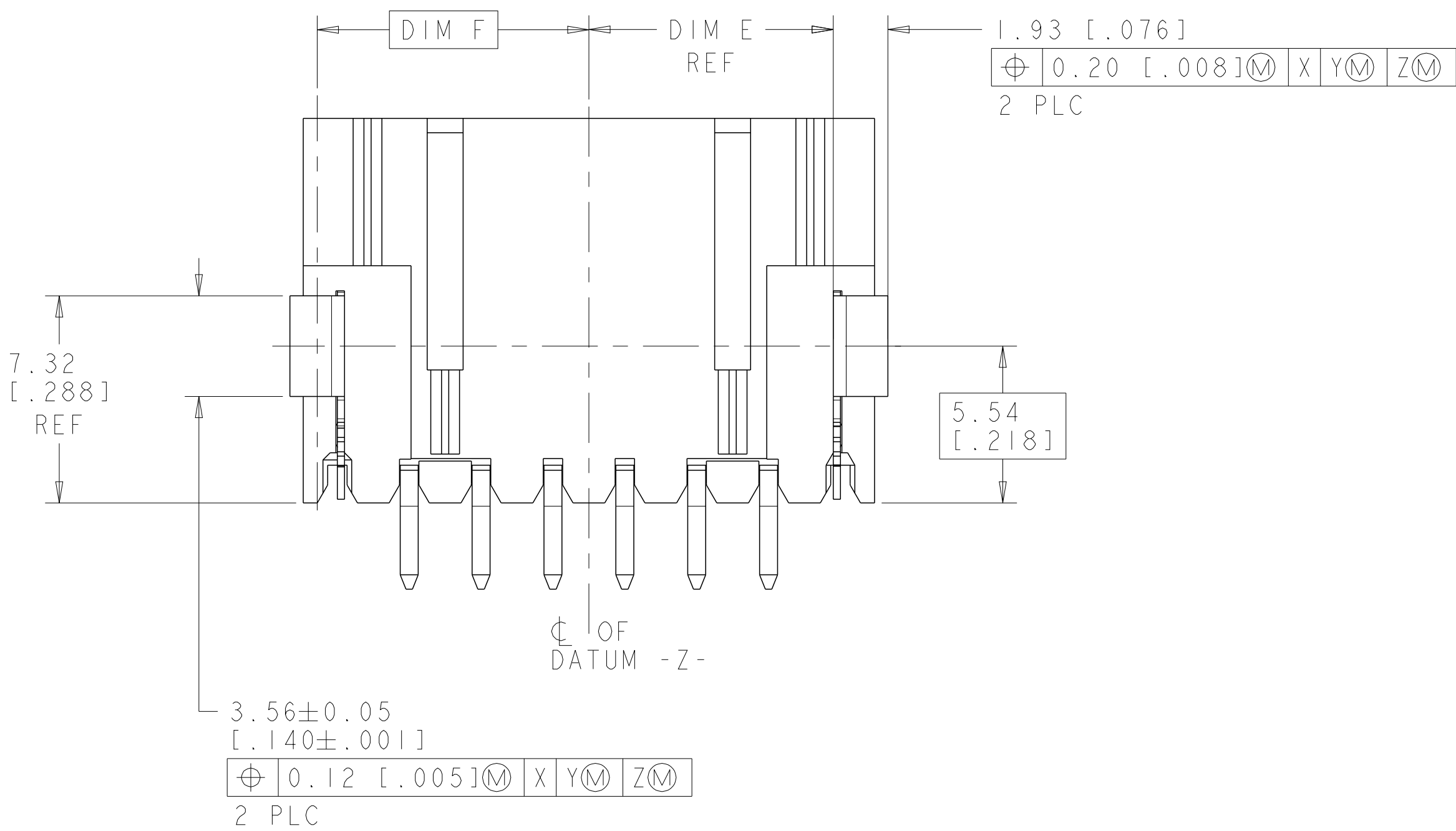


| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LYR | DESCRIPTION               | DATE      | DWN | APVD |
|           | K1  | REVISED PER ECO-11-004820 | 11MAR2011 | RK  | HMR  |
|           | L   | REVISED PER ECO-17-002214 | 29MAY2017 | RS  | MM   |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |

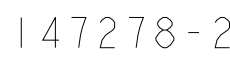
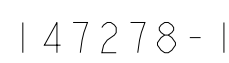


- △ HOUSING: LCP, COLOR-BLACK.  
POST: BRASS.
- △ POST: 0.000381 [.000015] MIN GOLD ON THE CONTACT AREA,  
0.00254-0.00508 [.000100-.000200] MIN MATTE  
TIN-LEAD ON THE SOLDER TAILS, ALL OVER 0.00127 [.000050] NICKEL.
- △ DATUMS AND BASIC DIMENSIONS ESTABLISHED BY THE CUSTOMER.
- △ TWO POLARIZATION SLOTS ON ASSEMBLIES WITH FOUR OR MORE POSITIONS.
- △ POST: 0.000381 [.000015] MIN GOLD ON THE CONTACT AREA,  
0.00254-0.00508 [.000100-.000200] MIN MATTE  
TIN ON THE SOLDER TAILS, ALL OVER 0.00127 [.000050] NICKEL.



SEE TABLE ON  
SHEET #3 & #4

|                                        |  |                                                                             |                               |                           |  |
|----------------------------------------|--|-----------------------------------------------------------------------------|-------------------------------|---------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>G. HAYMAKER<br>CHK<br>M. CHIANG<br>APVD<br>M. CHIANG                 | 01APR99<br>01APR99<br>01APR99 | TE Connectivity           |  |
| DIMENSIONS:<br>mm [INCHES]             |  | TOLERANCES UNLESS<br>OTHERWISE SPECIFIED:                                   |                               | NAME                      |  |
|                                        |  | 0 PLC ±<br>1 PLC ±<br>2 PLC ±<br>3 PLC ±<br>4 PLC ±<br>ANGLES ±<br>FINISH ± |                               | PRODUCT SPEC              |  |
| MATERIAL                               |  | APPLICATION SPEC                                                            |                               | SIZE CAGE CODE DRAWING NO |  |
| -                                      |  | WEIGHT                                                                      |                               | A100779C=147278           |  |
| -                                      |  | CUSTOMER DRAWING                                                            |                               | RESTRICTED TO             |  |
|                                        |  | SCALE 6:1                                                                   |                               | SHEET 4 OF 4              |  |
|                                        |  |                                                                             |                               | REV                       |  |

4805 (3/13)

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LYR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | 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            | 2-147278-4     |
|         | 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            | 2-147278-3     |
|         | 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            | 2-147278-2     |
|         | 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            | 2-147278-1     |
|         | 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            | 2-147278-0     |
|         | 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            | 1-147278-9     |
|         | 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            | 1-147278-8     |
|         | 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            | 1-147278-7     |
|         | 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            | 1-147278-6     |
|         | 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            | 1-147278-5     |
|         | 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            | 1-147278-4     |
|         | 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            | 1-147278-3     |
|         | 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            | 1-147278-2     |
|         | 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            | 1-147278-1     |
|         | 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            | 1-147278-0     |
|         | 44                          | 27.69 [1.090] | 14.68 [.578]  | 13.72 [.540]  | 25.91 [1.020] | 30.35 [1.195] | 22.86 [.900]  | 9  | 10            | 147278-9       |
|         | 44                          | 25.15 [.990]  | 13.41 [.528]  | 12.45 [.490]  | 23.37 [.920]  | 27.81 [1.095] | 20.32 [.800]  | 8  | 9             | 147278-8       |
|         | 44                          | 22.61 [.890]  | 12.14 [.478]  | 11.18 [.440]  | 20.83 [.820]  | 25.27 [.995]  | 17.78 [.700]  | 7  | 8             | 147278-7       |
|         | 44                          | 20.07 [.790]  | 10.87 [.428]  | 9.91 [.390]   | 18.29 [.720]  | 22.73 [.895]  | 15.24 [.600]  | 6  | 7             | 147278-6       |
|         | 44                          | 17.53 [.690]  | 9.60 [.378]   | 8.64 [.340]   | 15.75 [.620]  | 20.19 [.795]  | 12.70 [.500]  | 5  | 6             | 147278-5       |
|         | 32                          | 14.99 [.590]  | 8.33 [.328]   | 7.37 [.290]   | 13.21 [.520]  | 17.65 [.695]  | 10.16 [.400]  | 4  | 5             | 147278-4       |
|         | 24                          | 12.45 [.490]  | 7.06 [.278]   | 6.10 [.240]   | 10.67 [.420]  | 15.11 [.595]  | 7.62 [.300]   | 3  | 4             | 147278-3       |
|         | 24                          | 9.91 [.390]   | 5.79 [.228]   | 4.83 [.190]   | 8.13 [.320]   | 12.57 [.495]  | 5.08 [.200]   | 2  | 3             | 147278-2       |
|         | 24                          | 7.37 [.290]   | 4.52 [.178]   | 3.56 [.140]   | 5.59 [.220]   | 10.03 [.395]  | 2.54 [.100]   | 1  | 2             | 147278-1       |
| PLATING | EIA 481<br>TAPE WIDTH<br>mm | G             | F             | E             | D             | C             | B             | A  | NO OF<br>POSN | PART<br>NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
G. HAYMAKER  
CHK  
M. CHIANG  
APVD  
M. CHIANG

01APR99  
01APR99  
01APR99

DIMENSIONS:  
mm[INCHES]

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC  
ANGLES  
FINISH

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TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

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±

MATERIAL

-  
-

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
147278

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

RESTRICTED TO  
-

CUSTOMER DRAWING

SCALE  
6:1

SHEET  
3

OF  
4

REV  
1

TE Connectivity

TE Connectivity

4805 (3/13)

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LYR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | 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            | 2-147278-4     |
|         | 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            | 2-147278-3     |
|         | 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            | 2-147278-2     |
|         | 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            | 2-147278-1     |
|         | 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            | 2-147278-0     |
|         | 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            | 1-147278-9     |
|         | 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            | 1-147278-8     |
|         | 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            | 1-147278-7     |
|         | 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            | 1-147278-6     |
|         | 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            | 1-147278-5     |
|         | 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            | 1-147278-4     |
|         | 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            | 1-147278-3     |
|         | 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            | 1-147278-2     |
|         | 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            | 1-147278-1     |
|         | 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            | 1-147278-0     |
|         | 44                          | 27.69 [1.090] | 14.68 [.578]  | 13.72 [.540]  | 25.91 [1.020] | 30.35 [1.195] | 22.86 [.900]  | 9  | 10            | 147278-9       |
|         | 44                          | 25.15 [.990]  | 13.41 [.528]  | 12.45 [.490]  | 23.37 [.920]  | 27.81 [1.095] | 20.32 [.800]  | 8  | 9             | 147278-8       |
|         | 44                          | 22.61 [.890]  | 12.14 [.478]  | 11.18 [.440]  | 20.83 [.820]  | 25.27 [.995]  | 17.78 [.700]  | 7  | 8             | 147278-7       |
|         | 44                          | 20.07 [.790]  | 10.87 [.428]  | 9.91 [.390]   | 18.29 [.720]  | 22.73 [.895]  | 15.24 [.600]  | 6  | 7             | 147278-6       |
|         | 44                          | 17.53 [.690]  | 9.60 [.378]   | 8.64 [.340]   | 15.75 [.620]  | 20.19 [.795]  | 12.70 [.500]  | 5  | 6             | 147278-5       |
|         | 32                          | 14.99 [.590]  | 8.33 [.328]   | 7.37 [.290]   | 13.21 [.520]  | 17.65 [.695]  | 10.16 [.400]  | 4  | 5             | 147278-4       |
|         | 24                          | 12.45 [.490]  | 7.06 [.278]   | 6.10 [.240]   | 10.67 [.420]  | 15.11 [.595]  | 7.62 [.300]   | 3  | 4             | 147278-3       |
|         | 24                          | 9.91 [.390]   | 5.79 [.228]   | 4.83 [.190]   | 8.13 [.320]   | 12.57 [.495]  | 5.08 [.200]   | 2  | 3             | 147278-2       |
|         | 24                          | 7.37 [.290]   | 4.52 [.178]   | 3.56 [.140]   | 5.59 [.220]   | 10.03 [.395]  | 2.54 [.100]   | 1  | 2             | 147278-1       |
| PLATING | EIA 481<br>TAPE WIDTH<br>mm | G             | F             | E             | D             | C             | B             | A  | NO OF<br>POSN | PART<br>NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm[INCHES]

MATERIAL

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±  
2 PLC ±  
3 PLC ±  
4 PLC ±  
ANGLES ±  
FINISH ±

DWN

BY HAYMAKER

01APR99

CHK

M. CHIANG

01APR99

APVD

M. CHIANG

01APR99

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

147278

-

SCALE

6:1

SHEET

4

OF

4

REV

1

TE Connectivity

# Mouser Electronics

Authorized Distributor

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[2-147278-1](#)