

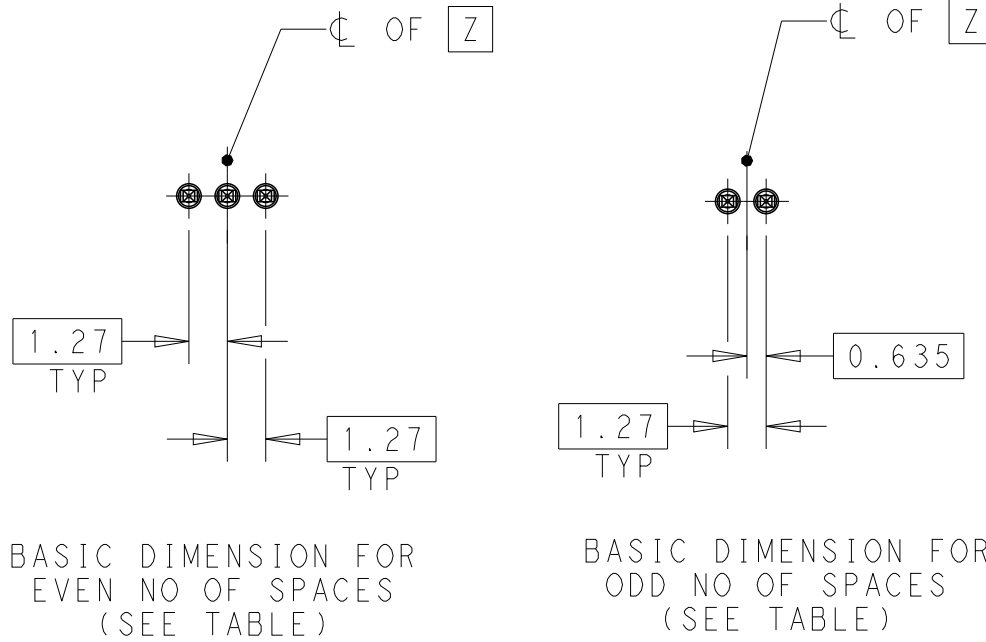
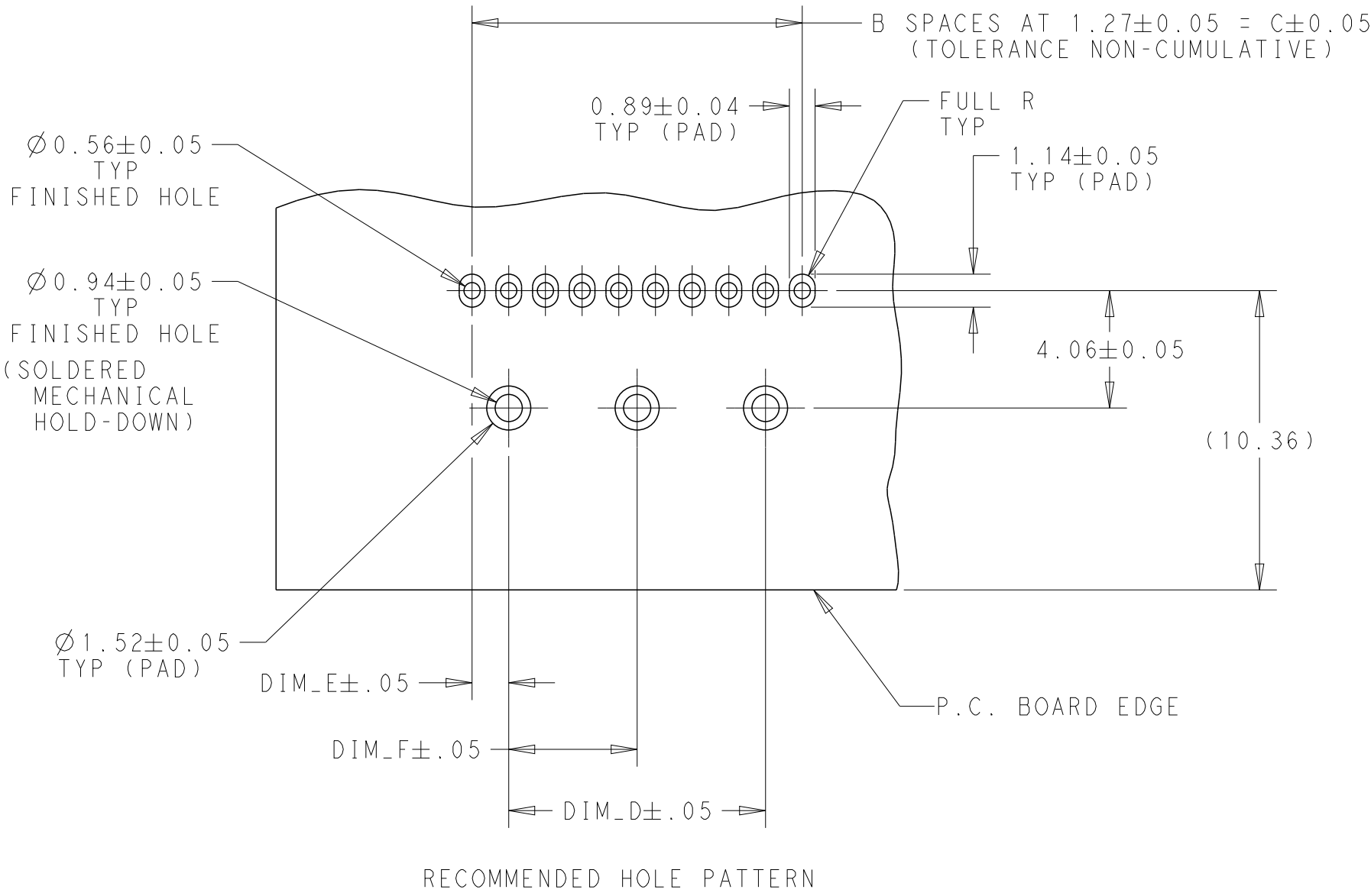
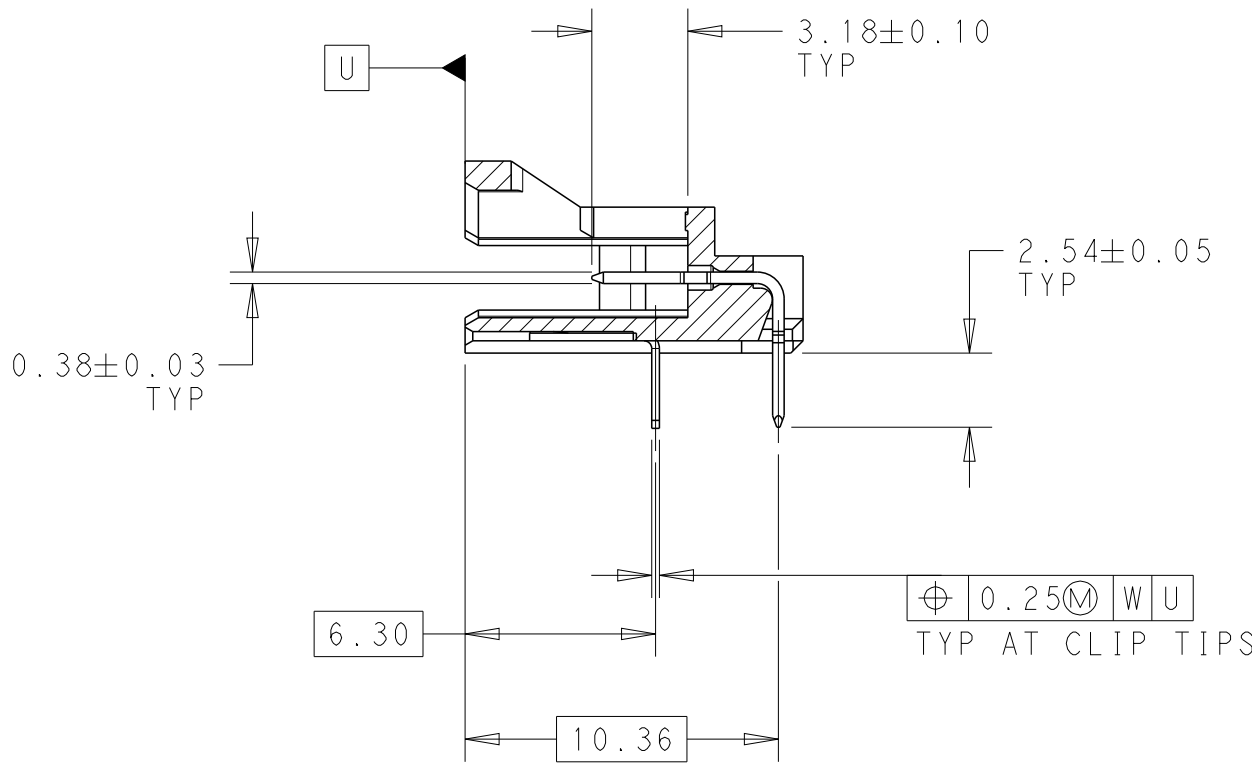
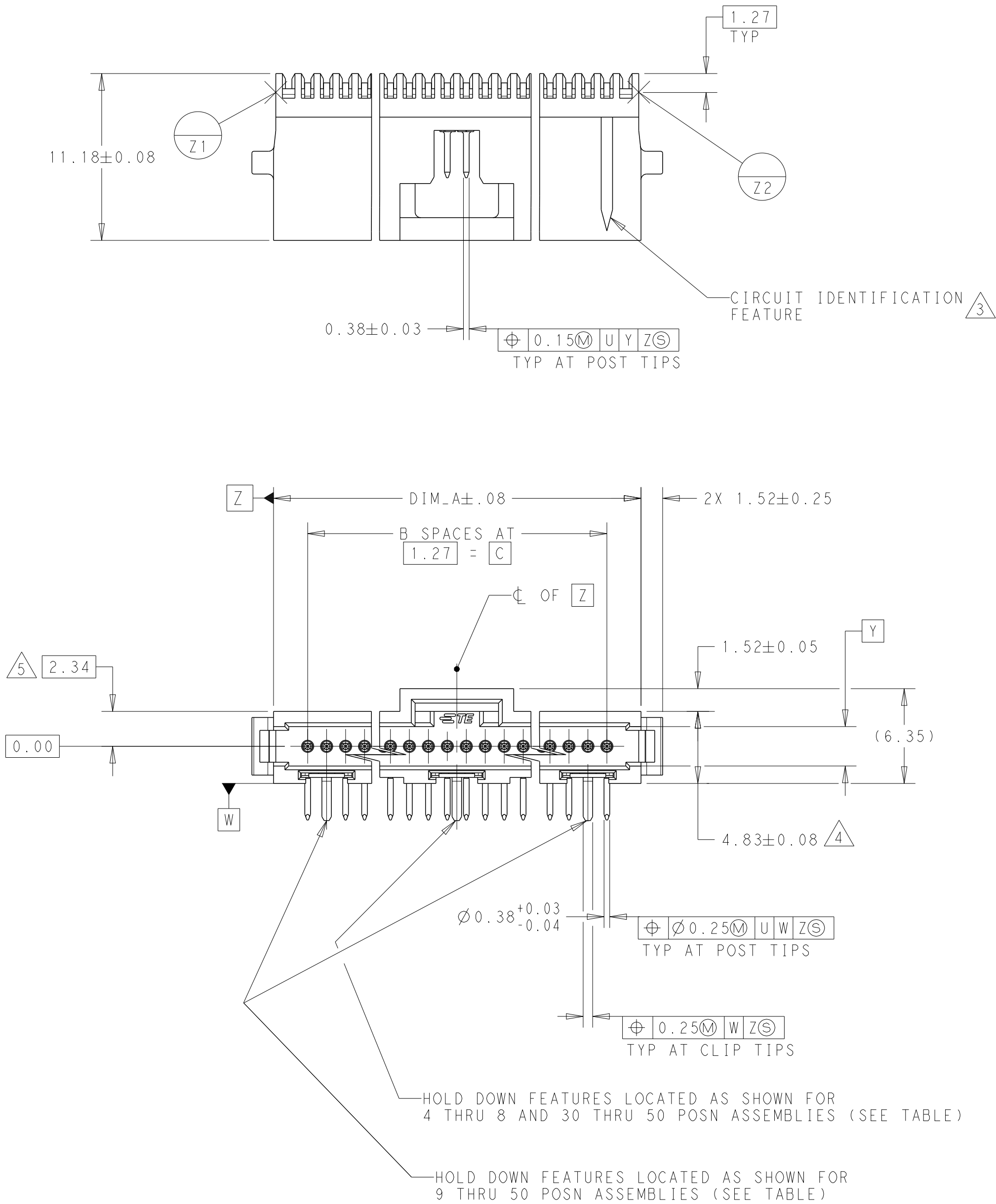
| REVISIONS |     |                                    |           |     |      |
|-----------|-----|------------------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION                        | DATE      | DWN | APVD |
|           | V   | REDRAWN /REVISED PER ECO-17-001745 | 22NOV2017 | KS  | JO   |
|           |     |                                    |           |     |      |
|           |     |                                    |           |     |      |
|           |     |                                    |           |     |      |

D

C

B

A

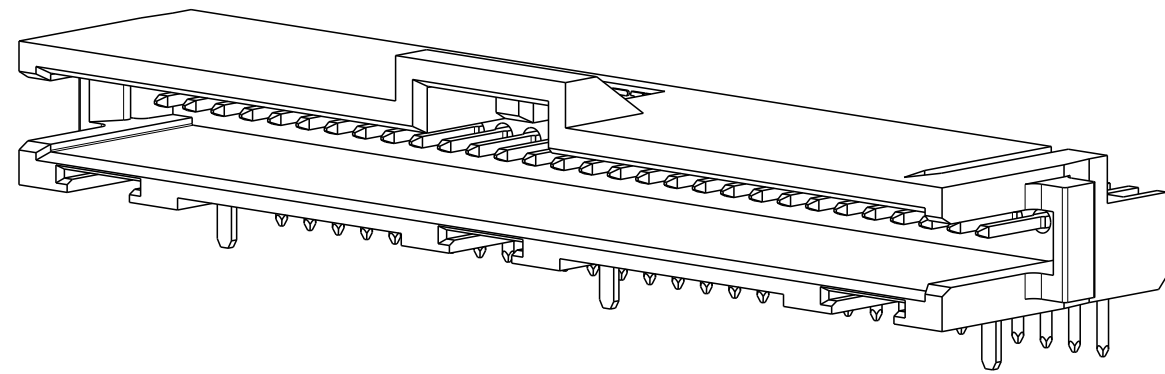


- △ CONTACT AREAS PLATED WITH 0.76µm GOLD, SOLDER TAILS PLATED WITH 3.81µm TIN-LEAD, ALL OVER 1.27µm NICKEL
2. NOTE DELETED.
- △ CIRCUI T IDENTIFICATION FEATURE OMITTED ON 4, 5, 6, & 7 POSITION HEADER ASSEMBLIES
- △ DIMENSION APPLIES AT BASE OF SHROUD
- △ THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING
- △ CONTACT AREAS PLATED WITH 0.76µm GOLD, SOLDER TAILS PLATED WITH 3.81µm TIN, ALL OVER 1.27µm NICKEL.
- △ MATERIAL: HOUSING-LCP, COLOR-BLACK  
CONTACT-COPPER ALLOY
- △ FINISH: 0.03µm MIN GOLD ON GOLD PLATED AREA, 3.81µm MATTE TIN-LEAD ON TIN PLATED AREA. UNDER PLATING TO BE 1.27µm NICKEL ON ENTIRE CONTACT
- △ FINISH: 0.03µm MIN GOLD ON GOLD PLATED AREA, 3.81µm MATTE TIN ON TIN PLATED AREA. UNDER PLATING TO BE 1.27µm NICKEL ON ENTIRE CONTACT.
10. NOTE DELETED.
11. NOTE DELETED.
12. NOTE DELETED.
13. NOTE DELETED.

C

B

A



|                                        |  |                                                                                |                                     |                                                           |  |
|----------------------------------------|--|--------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>K. SHRISHAIL<br>CHK<br>J. OLSON<br>APVD<br>J. OLSON                     | 22NOV2017<br>22NOV2017<br>22NOV2017 | TE Connectivity                                           |  |
| DIMENSIONS:                            |  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                         |                                     | NAME                                                      |  |
| mm                                     |  | 0 PLC ±.3<br>1 PLC ±0.3<br>2 PLC ±0.13<br>3 PLC ±.<br>4 PLC ±.<br>ANGLES ±0.5° |                                     | PRODUCT SPEC<br>108-1093<br>APPLICATION SPEC<br>114-25031 |  |
| MATERIAL                               |  | SEE TABLE                                                                      |                                     | SIZE<br>A1                                                |  |
| △                                      |  | CUSTOMER DRAWING                                                               |                                     | RESTRICTED TO                                             |  |
|                                        |  | SCALE 4:1                                                                      |                                     | SHEET 1 OF 2                                              |  |
|                                        |  |                                                                                |                                     | REV V                                                     |  |

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LYR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |
|           |     |             |      |     |      |
|           |     |             |      |     |      |
|           |     |             |      |     |      |

|              |       |       |       |       |                        |       |                  |                |
|--------------|-------|-------|-------|-------|------------------------|-------|------------------|----------------|
| <div>9</div> | 15.87 | 1.27  | 31.75 | 34.29 | 27                     | 38.86 | 28               | 9-104074-0     |
|              | 29.84 | 1.27  | 59.69 | 62.23 | 49                     | 66.80 | 50               | 8-104074-9     |
|              | 26.67 | 1.27  | 53.34 | 55.88 | 44                     | 60.45 | 45               | 8-104074-8     |
|              | 23.49 | 1.27  | 46.99 | 49.53 | 39                     | 54.10 | 40               | 8-104074-7     |
|              | 20.95 | 1.27  | 41.91 | 44.45 | 35                     | 49.02 | 36               | 8-104074-6     |
|              | 15.24 | 1.27  | 30.48 | 33.02 | 26                     | 37.59 | 27               | 8-104074-5     |
|              | -     | 1.27  | 24.13 | 26.67 | 21                     | 31.24 | 22               | 8-104074-4     |
|              | -     | 1.27  | 17.78 | 20.32 | 16                     | 24.89 | 17               | 8-104074-3     |
|              | -     | 1.27  | 12.70 | 15.24 | 12                     | 19.81 | 13               | 8-104074-2     |
|              | -     | 1.27  | 11.43 | 13.97 | 11                     | 18.54 | 12               | 8-104074-1     |
|              | -     | 4.44  | -     | 8.89  | 7                      | 13.46 | 8                | 8-104074-0     |
|              | -     | 3.81  | -     | 7.62  | 6                      | 12.19 | 7                | 7-104074-9     |
|              | -     | 3.17  | -     | 6.35  | 5                      | 10.92 | 6                | 7-104074-8     |
|              | -     | 1.90  | -     | 3.81  | 3                      | 8.38  | 4                | 7-104074-7     |
|              | 17.14 | 1.27  | 34.29 | 36.83 | 29                     | 41.40 | 30               | 7-104074-6     |
|              | -     | 1.27  | 27.94 | 30.48 | 24                     | 35.05 | 25               | 7-104074-5     |
|              | -     | 1.27  | 21.59 | 24.13 | 19                     | 28.70 | 20               | 7-104074-4     |
|              | -     | 1.27  | 15.24 | 17.78 | 14                     | 22.35 | 15               | 7-104074-3     |
|              | -     | 2.54  | -     | 5.08  | 4                      | 9.65  | 5                | 7-104074-2     |
|              | -     | 1.27  | 8.89  | 11.43 | 9                      | 16.00 | 10               | 7-104074-1     |
| <div>6</div> | 15.87 | 1.27  | 31.75 | 34.29 | 27                     | 38.86 | 28               | 7-104074-0     |
|              | 29.84 | 1.27  | 59.69 | 62.23 | 49                     | 66.80 | 50               | 6-104074-9     |
|              | 26.67 | 1.27  | 53.34 | 55.88 | 44                     | 60.45 | 45               | 6-104074-8     |
|              | 23.49 | 1.27  | 46.99 | 49.53 | 39                     | 54.10 | 40               | 6-104074-7     |
|              | 20.95 | 1.27  | 41.91 | 44.45 | 35                     | 49.02 | 36               | 6-104074-6     |
|              | 15.24 | 1.27  | 30.48 | 33.02 | 26                     | 37.59 | 27               | 6-104074-5     |
|              | -     | 1.27  | 24.13 | 26.67 | 21                     | 31.24 | 22               | 6-104074-4     |
|              | -     | 1.27  | 17.78 | 20.32 | 16                     | 24.89 | 17               | 6-104074-3     |
|              | -     | 1.27  | 12.70 | 15.24 | 12                     | 19.81 | 13               | 6-104074-2     |
|              | -     | 1.27  | 11.43 | 13.97 | 11                     | 18.54 | 12               | 6-104074-1     |
|              | -     | 4.44  | -     | 8.89  | 7                      | 13.46 | 8                | 6-104074-0     |
|              | -     | 3.81  | -     | 7.62  | 6                      | 12.19 | 7                | 5-104074-9     |
|              | -     | 3.17  | -     | 6.35  | 5                      | 10.92 | 6                | 5-104074-8     |
|              | -     | 1.90  | -     | 3.81  | 3                      | 8.38  | 4                | 5-104074-7     |
|              | 17.14 | 1.27  | 34.29 | 36.83 | 29                     | 41.40 | 30               | 5-104074-6     |
|              | -     | 1.27  | 27.94 | 30.48 | 24                     | 35.05 | 25               | 5-104074-5     |
|              | -     | 1.27  | 21.59 | 24.13 | 19                     | 28.70 | 20               | 5-104074-4     |
|              | -     | 1.27  | 15.24 | 17.78 | 14                     | 22.35 | 15               | 5-104074-3     |
|              | -     | 2.54  | -     | 5.08  | 4                      | 9.65  | 5                | 5-104074-2     |
|              | -     | 1.27  | 8.89  | 11.43 | 9                      | 16.00 | 10               | 5-104074-1     |
| FINSH        | DIM_F | DIM_E | DIM_D | DIM_C | <sup>B</sup><br>SPACES | DIM_A | NO<br>OF<br>POSN | PART<br>NUMBER |

|              |       |       |       |       |                        |       |                  |                |
|--------------|-------|-------|-------|-------|------------------------|-------|------------------|----------------|
| <div>8</div> | 15.87 | 1.27  | 31.75 | 34.29 | 27                     | 38.86 | 28               | 4-104074-0     |
|              | 29.84 | 1.27  | 59.69 | 62.23 | 49                     | 66.80 | 50               | 3-104074-9     |
|              | 26.67 | 1.27  | 53.34 | 55.88 | 44                     | 60.45 | 45               | 3-104074-8     |
|              | 23.49 | 1.27  | 46.99 | 49.53 | 39                     | 54.10 | 40               | 3-104074-7     |
|              | 20.95 | 1.27  | 41.91 | 44.45 | 35                     | 49.02 | 36               | 3-104074-6     |
|              | 15.24 | 1.27  | 30.48 | 33.02 | 26                     | 37.59 | 27               | 3-104074-5     |
|              | -     | 1.27  | 24.13 | 26.67 | 21                     | 31.24 | 22               | 3-104074-4     |
|              | -     | 1.27  | 17.78 | 20.32 | 16                     | 24.89 | 17               | 3-104074-3     |
|              | -     | 1.27  | 12.70 | 15.24 | 12                     | 19.81 | 13               | 3-104074-2     |
|              | -     | 1.27  | 11.43 | 13.97 | 11                     | 18.54 | 12               | 3-104074-1     |
|              | -     | 4.44  | -     | 8.89  | 7                      | 13.46 | 8                | 3-104074-0     |
|              | -     | 3.81  | -     | 7.62  | 6                      | 12.19 | 7                | 2-104074-9     |
|              | -     | 3.17  | -     | 6.35  | 5                      | 10.92 | 6                | 2-104074-8     |
|              | -     | 1.90  | -     | 3.81  | 3                      | 8.38  | 4                | 2-104074-7     |
|              | 17.14 | 1.27  | 34.29 | 36.83 | 29                     | 41.40 | 30               | 2-104074-6     |
|              | -     | 1.27  | 27.94 | 30.48 | 24                     | 35.05 | 25               | 2-104074-5     |
|              | -     | 1.27  | 21.59 | 24.13 | 19                     | 28.70 | 20               | 2-104074-4     |
|              | -     | 1.27  | 15.24 | 17.78 | 14                     | 22.35 | 15               | 2-104074-3     |
|              | -     | 2.54  | -     | 5.08  | 4                      | 9.65  | 5                | 2-104074-2     |
|              | -     | 1.27  | 8.89  | 11.43 | 9                      | 16.00 | 10               | 2-104074-1     |
| <div>1</div> | 15.87 | 1.27  | 31.75 | 34.29 | 27                     | 38.86 | 28               | 2-104074-0     |
|              | 29.84 | 1.27  | 59.69 | 62.23 | 49                     | 66.8  | 50               | 1-104074-9     |
|              | 26.67 | 1.27  | 53.34 | 55.88 | 44                     | 60.45 | 45               | 1-104074-8     |
|              | 23.49 | 1.27  | 46.99 | 49.53 | 39                     | 54.10 | 40               | 1-104074-7     |
|              | 20.95 | 1.27  | 41.91 | 44.45 | 35                     | 49.02 | 36               | 1-104074-6     |
|              | 15.24 | 1.27  | 30.48 | 33.02 | 26                     | 37.59 | 27               | 1-104074-5     |
|              | -     | 1.27  | 24.13 | 26.67 | 21                     | 31.24 | 22               | 1-104074-4     |
|              | -     | 1.27  | 17.78 | 20.32 | 16                     | 24.89 | 17               | 1-104074-3     |
|              | -     | 1.27  | 12.70 | 15.24 | 12                     | 19.81 | 13               | 1-104074-2     |
|              | -     | 1.27  | 11.43 | 13.97 | 11                     | 18.54 | 12               | 1-104074-1     |
|              | -     | 4.44  | -     | 8.89  | 7                      | 13.46 | 8                | 1-104074-0     |
|              | -     | 3.81  | -     | 7.62  | 6                      | 12.19 | 7                | 104074-9       |
|              | -     | 3.17  | -     | 6.35  | 5                      | 10.92 | 6                | 104074-8       |
|              | -     | 1.90  | -     | 3.81  | 3                      | 8.38  | 4                | 104074-7       |
|              | 17.14 | 1.27  | 34.29 | 36.83 | 29                     | 41.40 | 30               | 104074-6       |
|              | -     | 1.27  | 27.94 | 30.48 | 24                     | 35.05 | 25               | 104074-5       |
|              | -     | 1.27  | 21.59 | 24.13 | 19                     | 28.70 | 20               | 104074-4       |
|              | -     | 1.27  | 15.24 | 17.78 | 14                     | 22.35 | 15               | 104074-3       |
|              | -     | 2.54  | -     | 5.08  | 4                      | 9.65  | 5                | 104074-2       |
|              | -     | 1.27  | 8.89  | 11.43 | 9                      | 16.00 | 10               | 104074-1       |
| FINSH        | DIM_F | DIM_E | DIM_D | DIM_C | <sup>B</sup><br>SPACES | DIM_A | NO<br>OF<br>POSN | PART<br>NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
R. SHRISHAIL  
CHK  
J. OLSON  
APVD  
J. OLSON

22NOV2017  
22NOV2017  
22NOV2017

NAME

TE Connectivity

PRODUCT SPEC  
108-1093  
APPLICATION SPEC  
114-25031

WEIGHT

CUSTOMER DRAWING

SIZE  
A 1

CAGE CODE  
-

DRAWING NO  
104074

RESTRICTED TO  
-

SCALE  
4:1

SHEET  
2

OF  
2

REV  
V

DIMENSIONS:  
mm

0 PLC ±  
1 PLC ±0.3  
2 PLC ±0.13  
3 PLC ±  
4 PLC ±  
ANGLES ±0.5°  
FINISH

SEE TABLE

0 PLC ±  
1 PLC ±0.3  
2 PLC ±0.13  
3 PLC ±  
4 PLC ±  
ANGLES ±0.5°  
FINISH

SEE TABLE

# Mouser Electronics

Authorized Distributor

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[5-104074-9](#)