

| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|           | D2  | REVISED PER ECR-16-011494 | 20JUN2017 | NK  | CX   |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |
|           |     |                           |           |     |      |

D

C

B

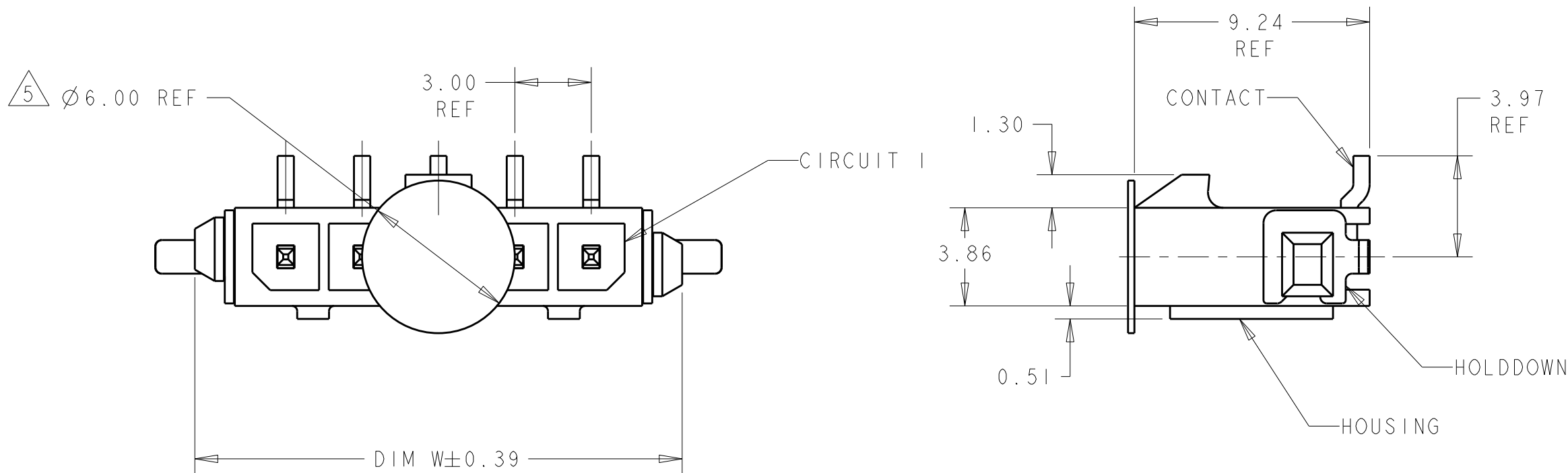
A

D

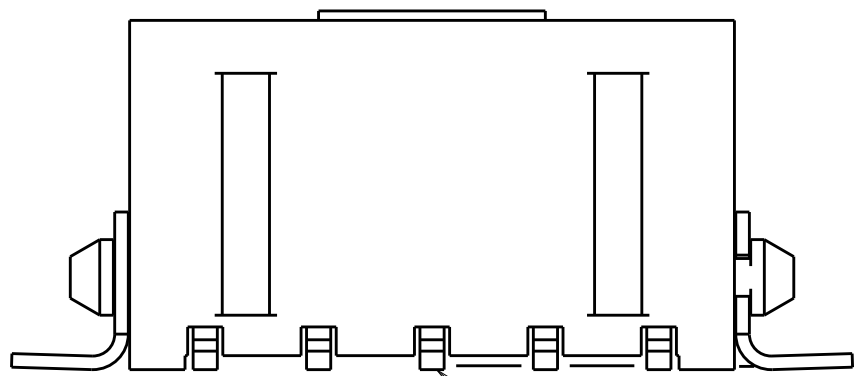
C

B

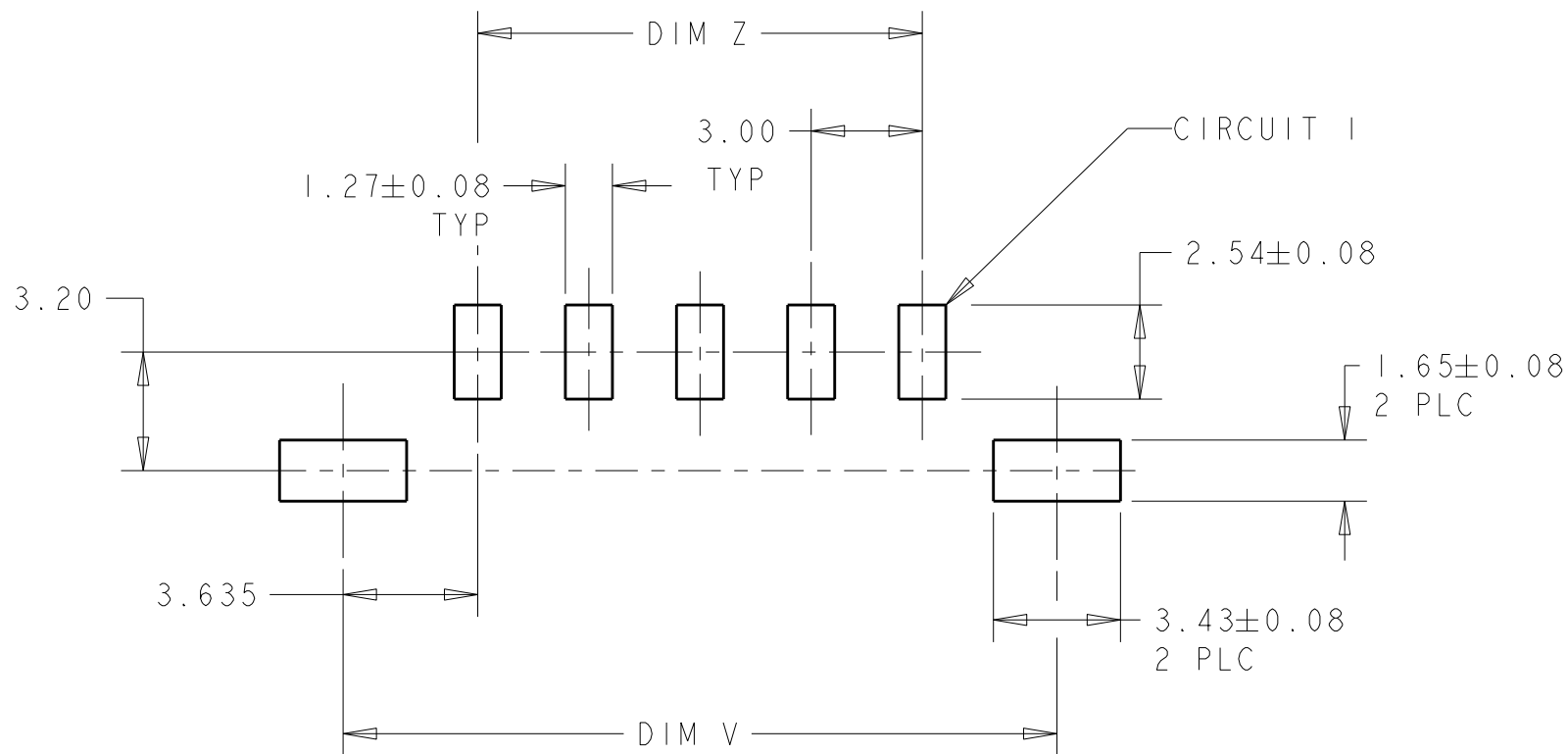
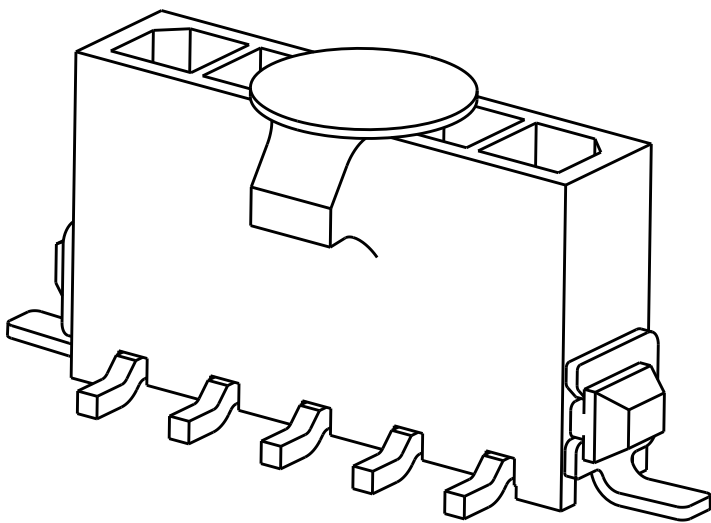
A



- 1 MATERIAL: CONTACTS - BRASS  
HOUSING - UL 94V-0 RATED HIGH TEMP NYLON, COLOR BLACK.  
HOLDDOWNS: - PHOSPHOR BRONZE.
- 2 PLATING: CONTACTS - 0.38µm MINIMUM GOLD ON MATING END,  
2.54µm MINIMUM TIN LEAD ON SOLDER TAILS, BOTH OVER  
1.27µm MINIMUM NICKEL.  
HOLDDOWNS: 2.54µm MINIMUM TIN-LEAD OVER 1.27µm MINIMUM NICKEL.
- 4 RECOMMENDED PC BOARD THICKNESS OF 1.57.
- 5 KAPTON VACUUM PICK UP BUTTON.
- 6 PLATING: CONTACTS - 0.38µm MINIMUM GOLD ON MATING END,  
2.54µm MINIMUM MATTE TIN ON SOLDER TAILS, BOTH OVER  
1.27µm MINIMUM NICKEL.  
HOLDDOWNS: 2.54µm MINIMUM MATTE TIN OVER 1.27µm MINIMUM NICKEL.



0.15  
INCLUDES CONTACT TAILS,  
HOUSING STANDOFFS, AND  
BOARDLOCKS



PCB LAYOUT COMPONENT SIDE 4

|                           |       |       |       |       |             |
|---------------------------|-------|-------|-------|-------|-------------|
| 6                         | 33.00 | 40.41 | 40.00 | 12    | 3-1445087-2 |
| 6                         | 30.00 | 37.41 | 37.00 | 11    | 3-1445087-1 |
| 6                         | 27.00 | 34.41 | 34.00 | 10    | 3-1445087-0 |
| 6                         | 24.00 | 31.41 | 31.00 | 9     | 2-1445087-9 |
| 6                         | 21.00 | 28.41 | 28.00 | 8     | 2-1445087-8 |
| 6                         | 18.00 | 25.41 | 25.00 | 7     | 2-1445087-7 |
| 6                         | 15.00 | 22.41 | 22.00 | 6     | 2-1445087-6 |
| 6                         | 12.00 | 19.41 | 19.00 | 5     | 2-1445087-5 |
| 6                         | 9.00  | 16.41 | 16.00 | 4     | 2-1445087-4 |
| 6                         | 6.00  | 13.41 | 13.00 | 3     | 2-1445087-3 |
| 2                         | 3.00  | 10.41 | 10.00 | 2     | 2-1445087-2 |
| SUPERCEDED BY 3-1445087-2 |       |       |       |       |             |
| 2                         | 33.00 | 40.41 | 40.00 | 12    | 1-1445087-2 |
| SUPERCEDED BY 3-1445087-1 |       |       |       |       |             |
| 2                         | 30.00 | 37.41 | 37.00 | 11    | 1-1445087-1 |
| SUPERCEDED BY 3-1445087-0 |       |       |       |       |             |
| 2                         | 27.00 | 34.41 | 34.00 | 10    | 1-1445087-0 |
| SUPERCEDED BY 2-1445087-9 |       |       |       |       |             |
| 2                         | 24.00 | 31.41 | 31.00 | 9     | 1-1445087-9 |
| SUPERCEDED BY 2-1445087-8 |       |       |       |       |             |
| 2                         | 21.00 | 28.41 | 28.00 | 8     | 1-1445087-8 |
| SUPERCEDED BY 2-1445087-7 |       |       |       |       |             |
| 2                         | 18.00 | 25.41 | 25.00 | 7     | 1-1445087-7 |
| SUPERCEDED BY 2-1445087-6 |       |       |       |       |             |
| 2                         | 15.00 | 22.41 | 22.00 | 6     | 1-1445087-6 |
| SUPERCEDED BY 2-1445087-5 |       |       |       |       |             |
| 2                         | 12.00 | 19.41 | 19.00 | 5     | 1-1445087-5 |
| SUPERCEDED BY 2-1445087-4 |       |       |       |       |             |
| 2                         | 9.00  | 16.41 | 16.00 | 4     | 1-1445087-4 |
| SUPERCEDED BY 2-1445087-3 |       |       |       |       |             |
| 2                         | 6.00  | 13.41 | 13.00 | 3     | 1-1445087-3 |
| SUPERCEDED BY 2-1445087-2 |       |       |       |       |             |
| 2                         | 3.00  | 10.41 | 10.00 | 2     | 1-1445087-2 |
| FINISH                    |       | DIM Z | DIM V | DIM W | NO. OF POSN |
|                           |       |       |       |       | PART NUMBER |

|                                        |  |                             |                                                                                                                     |                 |
|----------------------------------------|--|-----------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN J.ROOT 09OCT2000        | TE Connectivity                                                                                                     |                 |
| DIMENSIONS: mm                         |  | CHK K. WHITAKER 20-FEB-2001 |                                                                                                                     |                 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | APVD C. JONES 20-FEB-2001   | NAME VERTICAL SURFACE MOUNT HEADER ASSY, 15 MIC GOLD CONTACTS, SURFACE MOUNT, HOLDDOWNS, SGL ROW, MICRO MATE-N-LOK™ |                 |
| 0 PLC ±                                |  | PRODUCT SPEC -              | SIZE A2                                                                                                             | CAGE CODE 00779 |
| 1 PLC ±                                |  | APPLICATION SPEC -          | DRAWING NO. C-1445087                                                                                               | RESTRICTED TO - |
| 2 PLC ±0.13                            |  | WEIGHT -                    |                                                                                                                     |                 |
| 3 PLC ±                                |  | CUSTOMER DRAWING            | SCALE 5:1                                                                                                           | SHEET 1 OF 1    |
| 4 PLC ±                                |  |                             |                                                                                                                     | REV D2          |
| ANGLES ±                               |  |                             |                                                                                                                     |                 |
| FINISH SEE TABLE                       |  |                             |                                                                                                                     |                 |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2-1445087-7](#)