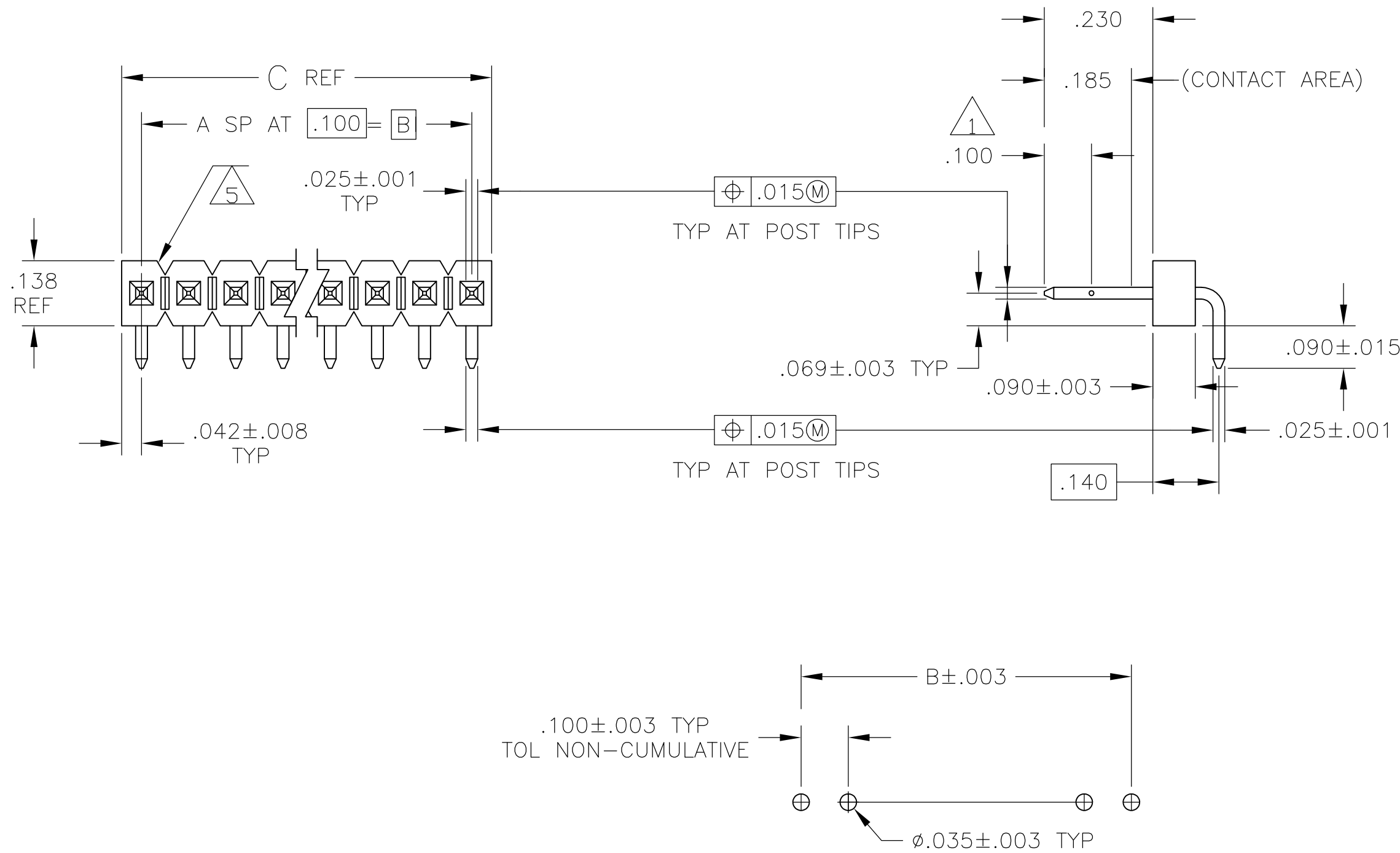


D

C

B

A



RECOMMENDED HOLE LAYOUT

- 1 POINT OF MEASUREMENT FOR PLATING THICKNESS
- 2 ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS.
- 3 TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- 4 .000030 GOLD IN CONTACT AREA, .000100-.000200 MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER .000050 NICKEL
- 5 BREAKAWAY NOTCH ANGLE CAN BE ORIENTED TO THE RIGHT (AS SHOWN) OR TO THE LEFT
- 6 .000030 GOLD IN CONTACT AREA, .000100-.000200 MATTE TIN ON SOLDER TAIL, ALL OVER .000050 NICKEL
- 7 HIGH TEMPERATURE CONFIGURATION
- 8 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

| LOC |  | DIST |  | REVISIONS |     |                           |  |           |     |      |
|-----|--|------|--|-----------|-----|---------------------------|--|-----------|-----|------|
| AD  |  | 00   |  | P         | LTR | DESCRIPTION               |  | DATE      | DWN | APVD |
|     |  |      |  |           | H   | REVISED PER ECO-14-000068 |  | 28APR2014 | NK  | MM   |

|          |    |   |       |       |    |    |            |    |
|----------|----|---|-------|-------|----|----|------------|----|
| OBSOLETE | 1  | 6 | 3.984 | 3.900 | 39 | 40 | 9-103765-0 |    |
|          | 2  | 6 | 3.484 | 3.400 | 34 | 35 | 8-         | -5 |
|          | 3  | 6 | 2.984 | 2.900 | 29 | 30 | 8-         | -0 |
|          | 4  | 6 | 2.484 | 2.400 | 24 | 25 | 7-         | -5 |
| OBSOLETE | 5  | 6 | 1.984 | 1.900 | 19 | 20 | 7-         | -0 |
|          | 6  | 6 | 1.484 | 1.400 | 14 | 15 | 6-         | -5 |
| OBSOLETE | 7  | 6 | 1.384 | 1.300 | 13 | 14 | 6-         | -4 |
|          | 8  | 6 | 1.284 | 1.200 | 12 | 13 | 6-         | -3 |
|          | 9  | 6 | 1.184 | 1.100 | 11 | 12 | 6-         | -2 |
| OBSOLETE | 10 | 6 | 1.084 | 1.000 | 10 | 11 | 6-         | -1 |
|          | 11 | 6 | .984  | .900  | 9  | 10 | 6-         | -0 |
|          | 12 | 6 | .884  | .800  | 8  | 9  | 5-         | -9 |
| OBSOLETE | 13 | 6 | .784  | .700  | 7  | 8  | 5-         | -8 |
|          | 14 | 6 | .684  | .600  | 6  | 7  | 5-         | -7 |
|          | 15 | 6 | .584  | .500  | 5  | 6  | 5-         | -6 |
|          | 16 | 6 | .484  | .400  | 4  | 5  | 5-         | -5 |
|          | 17 | 6 | .384  | .300  | 3  | 4  | 5-         | -4 |
|          | 18 | 6 | .284  | .200  | 2  | 3  | 5-         | -3 |
| OBSOLETE | 19 | 6 | .184  | .100  | 1  | 2  | 5-         | -2 |
|          | 20 | 6 | .084  |       |    | 1  | 5-103765-1 |    |
| OBSOLETE | 21 | 4 | 3.984 | 3.900 | 39 | 40 | 4-103765-0 |    |
|          | 22 | 4 | 3.884 | 3.800 | 38 | 39 | 3-         | -9 |
|          | 23 | 4 | 3.784 | 3.700 | 37 | 38 | 3-         | -8 |
|          | 24 | 4 | 3.684 | 3.600 | 36 | 37 | 3-         | -7 |
| 8        | 25 | 4 | 3.584 | 3.500 | 35 | 36 | 3-         | -6 |
| OBSOLETE | 26 | 4 | 3.484 | 3.400 | 34 | 35 | 3-         | -5 |
|          | 27 | 4 | 3.284 | 3.300 | 33 | 34 | 3-         | -4 |
| OBSOLETE | 28 | 4 | 3.284 | 3.200 | 32 | 33 | 3-         | -3 |
|          | 29 | 4 | 3.184 | 3.100 | 31 | 32 | 3-         | -2 |
| OBSOLETE | 30 | 4 | 3.084 | 3.000 | 30 | 31 | 3-         | -1 |
|          | 31 | 4 | 2.984 | 2.900 | 29 | 30 | 3-         | -0 |
| OBSOLETE | 32 | 4 | 2.884 | 2.800 | 28 | 29 | 2-         | -9 |
|          | 33 | 4 | 2.784 | 2.700 | 27 | 28 | 2-         | -8 |
| OBSOLETE | 34 | 4 | 2.684 | 2.600 | 26 | 27 | 2-         | -7 |
|          | 35 | 4 | 2.584 | 2.500 | 25 | 26 | 2-         | -6 |
| 8        | 36 | 4 | 2.484 | 2.400 | 24 | 25 | 2-         | -5 |
| OBSOLETE | 37 | 4 | 2.384 | 2.300 | 23 | 24 | 2-         | -4 |
|          | 38 | 4 | 2.284 | 2.200 | 22 | 23 | 2-         | -3 |
| OBSOLETE | 39 | 4 | 2.184 | 2.100 | 21 | 22 | 2-         | -2 |
|          | 40 | 4 | 2.084 | 2.000 | 20 | 21 | 2-         | -1 |
|          | 41 | 4 | 1.984 | 1.900 | 19 | 20 | 2-         | -0 |
|          | 42 | 4 | 1.884 | 1.800 | 18 | 19 | 1-         | -9 |
| OBSOLETE | 43 | 4 | 1.784 | 1.700 | 17 | 18 | 1-         | -8 |
|          | 44 | 4 | 1.684 | 1.600 | 16 | 17 | 1-         | -7 |
| OBSOLETE | 45 | 4 | 1.584 | 1.500 | 15 | 16 | 1-         | -6 |
|          | 46 | 4 | 1.484 | 1.400 | 14 | 15 | 1-         | -5 |
| 8        | 47 | 4 | 1.384 | 1.300 | 13 | 14 | 1-         | -4 |
| OBSOLETE | 48 | 4 | 1.284 | 1.200 | 12 | 13 | 1-         | -3 |
|          | 49 | 4 | 1.184 | 1.100 | 11 | 12 | 1-         | -2 |
| 8        | 50 | 4 | 1.084 | 1.000 | 10 | 11 | 1-         | -1 |
| OBSOLETE | 51 | 4 | .984  | .900  | 9  | 10 | 1-         | -0 |
|          | 52 | 4 | .884  | .800  | 8  | 9  |            | -9 |
| OBSOLETE | 53 | 4 | .784  | .700  | 7  | 8  |            | -8 |
|          | 54 | 4 | .684  | .600  | 6  | 7  |            | -7 |
|          | 55 | 4 | .584  | .500  | 5  | 6  |            | -6 |
|          | 56 | 4 | .484  | .400  | 4  | 5  |            | -5 |
|          | 57 | 4 | .384  | .300  | 3  | 4  |            | -4 |
|          | 58 | 4 | .284  | .200  | 2  | 3  |            | -3 |
| OBSOLETE | 59 | 4 | .184  | .100  | 1  | 2  |            | -2 |
|          | 60 | 4 | .084  |       |    | 1  |            | -1 |

|         |         |   |   |   |           |                      |
|---------|---------|---|---|---|-----------|----------------------|
| REMARKS | PLATING | C | B | A | NO OF POS | ASSEMBLY PART NUMBER |
|---------|---------|---|---|---|-----------|----------------------|

|                                                                                                                          |  |                                 |                    |               |
|--------------------------------------------------------------------------------------------------------------------------|--|---------------------------------|--------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                                                   |  | DWN<br>L. L. RINGLEY<br>24JUL85 | TE Connectivity    |               |
| DIMENSIONS:<br>INCHES                                                                                                    |  | CHK<br>R. FLICKER<br>24JUL85    | NAME               |               |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± .005<br>4 PLC ± -<br>ANGLES ± - |  | APVD<br>R. FLICKER<br>24JUL85   | PRODUCT SPEC       |               |
| MATERIAL: HOUSING: THERMOPLASTIC<br>TIN-LEAD RESISTANT<br>COLOR: BLACK<br>POSTS: COPPER ALLOY                            |  | FINISH: SEE TABLE               | WEIGHT: -          | RESTRICTED TO |
| SIZE: A1                                                                                                                 |  | CAGE CODE: 00779                | DRAWING NO: 103765 | REV: -        |
| CUSTOMER DRAWING                                                                                                         |  | SCALE: 4:1                      | SHEET: 1 OF 1      | REV: H        |

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[103765-7](#)