

| REVISIONS |     |                           |           |     |      |
|-----------|-----|---------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
| M1        |     | REVISED PER ECN-22-165406 | 20JUL2022 | RK  | MF   |

- 1
- THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND THE HOUSING.
- 2
- THE NOTED DIMENSION APPLIES FROM THE BASIC DIMENSION (NOT THE POST CENTERLINE) TO THE SURFACE INDICATED.
- 3
- 0.000762[.000030] GOLD ON CONTACT AREA, 0.00254-0.00508[.000100-.000200] MATTE TIN-LEAD ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.
- 4
- HOUSING: LCP, COLOR-BLACK.  
POSTS: COPPER ALLOY.
- 5
- 0.000762[.000030] GOLD ON CONTACT AREA, 0.00254-0.00508[.000100-.000200] MATTE TIN ON SOLDER TAIL, ALL OVER 0.00127[.000050] NICKEL.
- 6
- PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- 7
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

D

D

C

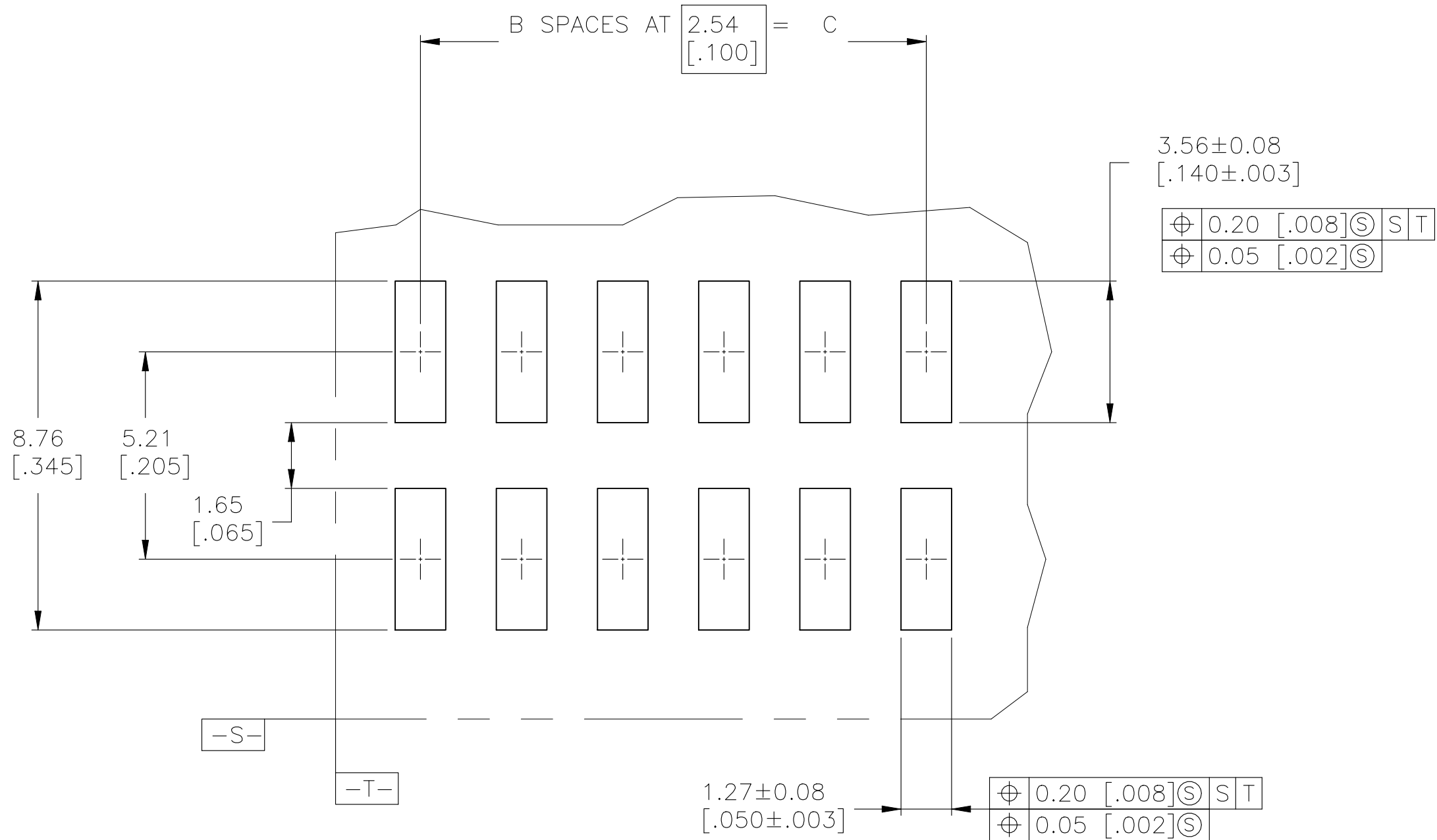
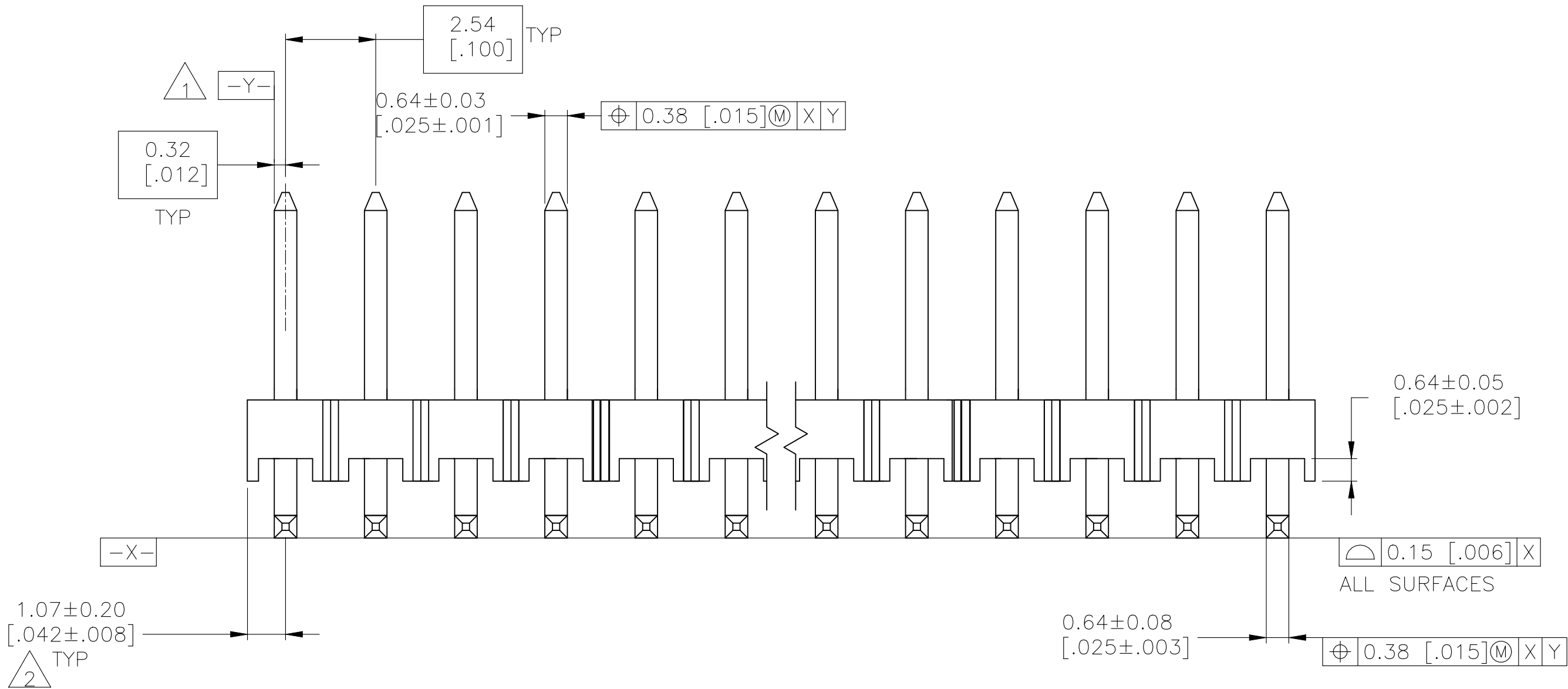
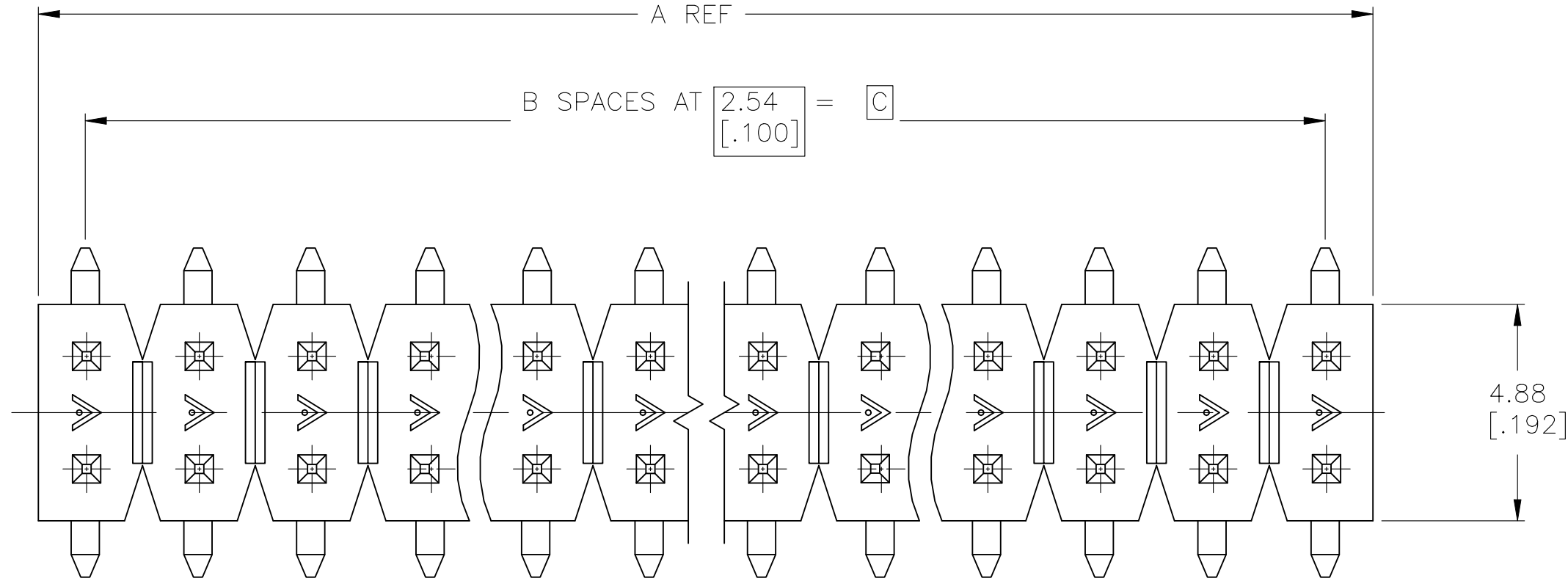
C

B

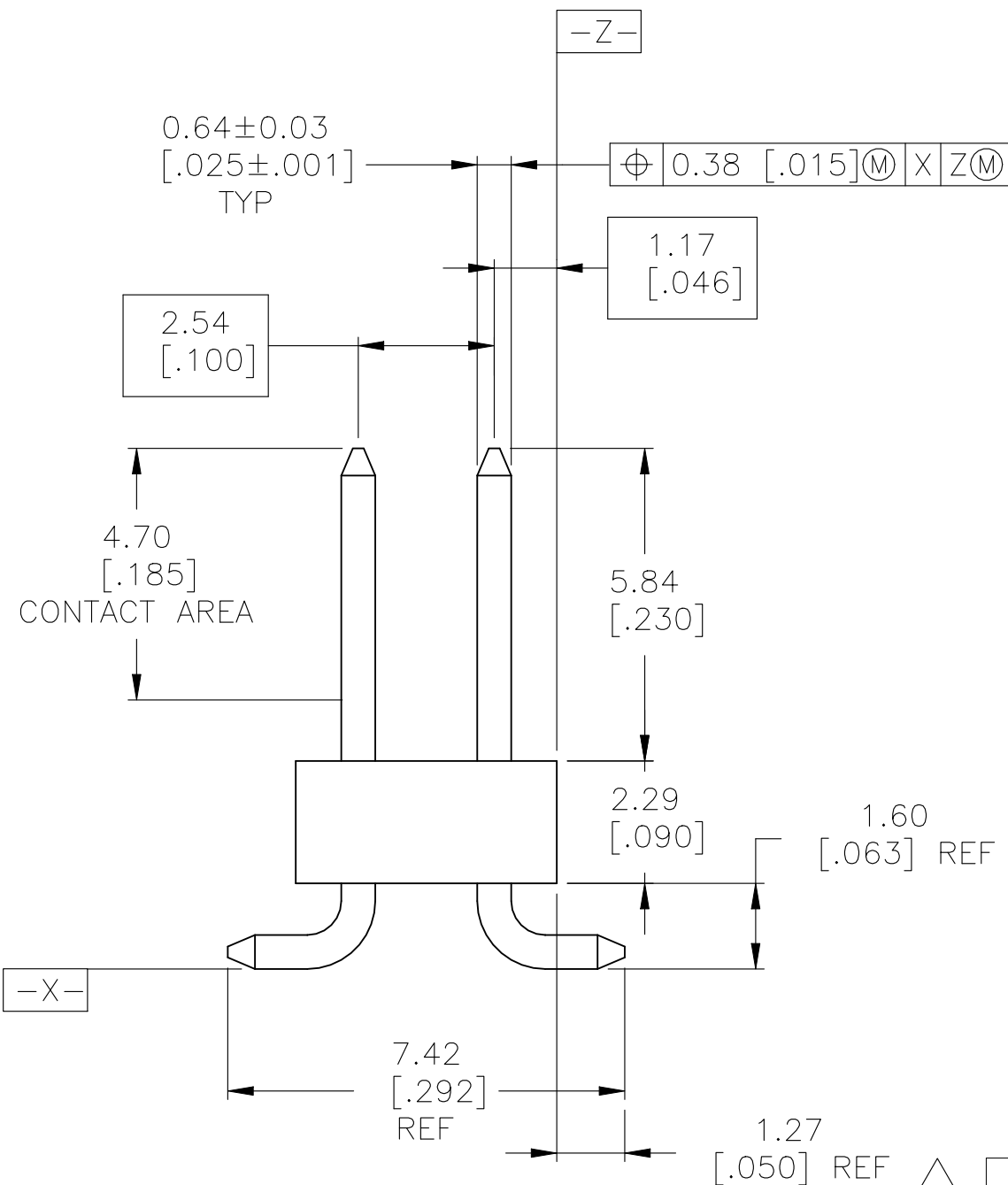
B

A

A



RECOMMENDED PCB LAYOUT  
FOR USE WITH .008 THICK STENCIL



7 SUPERSEDED BY 6-146130-0

|   |          |   |                  |    |                  |    |            |
|---|----------|---|------------------|----|------------------|----|------------|
| 6 | OBSOLETE | 5 | 35.56<br>[1.400] | 14 | 37.69<br>[1.484] | 30 | 6-146130-4 |
| 6 | OBSOLETE | 5 | 33.02<br>[1.300] | 13 | 35.15<br>[1.384] | 28 | 6-146130-3 |
|   | OBSOLETE | 3 | 30.48<br>[1.200] | 12 | 32.61<br>[1.284] | 26 | 6-146130-2 |
| 7 | OBSOLETE | 3 | 27.94<br>[1.100] | 11 | 30.07<br>[1.184] | 24 | 6-146130-1 |
|   | OBSOLETE | 3 | 25.40<br>[1.000] | 10 | 27.53<br>[1.084] | 22 | 6-146130-0 |
|   | OBSOLETE | 3 | 22.86<br>[.900]  | 9  | 24.99<br>[.984]  | 20 | 5-146130-9 |
|   | OBSOLETE | 3 | 20.32<br>[.800]  | 8  | 22.45<br>[.884]  | 18 | 5-146130-8 |
|   | OBSOLETE | 3 | 17.78<br>[.700]  | 7  | 19.91<br>[.784]  | 16 | 5-146130-7 |
|   | OBSOLETE | 3 | 15.24<br>[.600]  | 6  | 17.37<br>[.684]  | 14 | 5-146130-6 |
|   | OBSOLETE | 3 | 12.70<br>[.500]  | 5  | 14.83<br>[.584]  | 12 | 5-146130-5 |
|   | OBSOLETE | 3 | 10.16<br>[.400]  | 4  | 12.29<br>[.484]  | 10 | 5-146130-4 |
|   | OBSOLETE | 3 | 7.62<br>[.300]   | 3  | 9.75<br>[.384]   | 8  | 5-146130-3 |
|   | OBSOLETE | 3 | 5.08<br>[.200]   | 2  | 7.21<br>[.284]   | 6  | 5-146130-2 |
|   | OBSOLETE | 3 | 2.54<br>[.100]   | 1  | 4.67<br>[.184]   | 4  | 5-146130-1 |
|   | OBSOLETE | 3 | 17.78<br>[.700]  | 7  | 19.91<br>[.784]  | 16 | 1-146130-8 |
|   | OBSOLETE | 3 | 5.08<br>[.200]   | 2  | 7.21<br>[.284]   | 6  | 1-146130-7 |
|   | OBSOLETE | 3 | 35.56<br>[1.400] | 14 | 37.69<br>[1.484] | 30 | 1-146130-4 |
|   | OBSOLETE | 3 | 33.02<br>[1.300] | 13 | 35.15<br>[1.384] | 28 | 1-146130-3 |
|   | OBSOLETE | 3 | 30.48<br>[1.200] | 12 | 32.61<br>[1.284] | 26 | 1-146130-2 |
|   | OBSOLETE | 3 | 27.94<br>[1.100] | 11 | 30.07<br>[1.184] | 24 | 1-146130-1 |
|   | OBSOLETE | 3 | 25.40<br>[1.000] | 10 | 27.53<br>[1.084] | 22 | 1-146130-0 |
|   | OBSOLETE | 3 | 22.86<br>[.900]  | 9  | 24.99<br>[.984]  | 20 | 146130-9   |
|   | OBSOLETE | 3 | 20.32<br>[.800]  | 8  | 22.45<br>[.884]  | 18 | 146130-8   |
|   | OBSOLETE | 3 | 17.78<br>[.700]  | 7  | 19.91<br>[.784]  | 16 | 146130-7   |
|   | OBSOLETE | 3 | 15.24<br>[.600]  | 6  | 17.37<br>[.684]  | 14 | 146130-6   |
|   | OBSOLETE | 3 | 12.70<br>[.500]  | 5  | 14.83<br>[.584]  | 12 | 146130-5   |
|   | OBSOLETE | 3 | 10.16<br>[.400]  | 4  | 12.29<br>[.484]  | 10 | 146130-4   |
|   | OBSOLETE | 3 | 7.62<br>[.300]   | 3  | 9.75<br>[.384]   | 8  | 146130-3   |
|   | OBSOLETE | 3 | 5.08<br>[.200]   | 2  | 7.21<br>[.284]   | 6  | 146130-2   |
|   | OBSOLETE | 3 | 2.54<br>[.100]   | 1  | 4.67<br>[.184]   | 4  | 146130-1   |

|   |                  |    |                  |    |            |
|---|------------------|----|------------------|----|------------|
| 5 | 35.56<br>[1.400] | 14 | 37.69<br>[1.484] | 30 | 6-146130-4 |
| 5 | 33.02<br>[1.300] | 13 | 35.15<br>[1.384] | 28 | 6-146130-3 |
| 5 | 30.48<br>[1.200] | 12 | 32.61<br>[1.284] | 26 | 6-146130-2 |
| 5 | 27.94<br>[1.100] | 11 | 30.07<br>[1.184] | 24 | 6-146130-1 |
| 5 | 25.40<br>[1.000] | 10 | 27.53<br>[1.084] | 22 | 6-146130-0 |
| 5 | 22.86<br>[.900]  | 9  | 24.99<br>[.984]  | 20 | 5-146130-9 |
| 5 | 20.32<br>[.800]  | 8  | 22.45<br>[.884]  | 18 | 5-146130-8 |
| 5 | 17.78<br>[.700]  | 7  | 19.91<br>[.784]  | 16 | 5-146130-7 |
| 5 | 15.24<br>[.600]  | 6  | 17.37<br>[.684]  | 14 | 5-146130-6 |
| 5 | 12.70<br>[.500]  | 5  | 14.83<br>[.584]  | 12 | 5-146130-5 |
| 5 | 10.16<br>[.400]  | 4  | 12.29<br>[.484]  | 10 | 5-146130-4 |
| 5 | 7.62<br>[.300]   | 3  | 9.75<br>[.384]   | 8  | 5-146130-3 |
| 5 | 5.08<br>[.200]   | 2  | 7.21<br>[.284]   | 6  | 5-146130-2 |
| 5 | 2.54<br>[.100]   | 1  | 4.67<br>[.184]   | 4  | 5-146130-1 |
| 5 | 17.78<br>[.700]  | 7  | 19.91<br>[.784]  | 16 | 1-146130-8 |
| 5 | 5.08<br>[.200]   | 2  | 7.21<br>[.284]   | 6  | 1-146130-7 |
| 3 | 35.56<br>[1.400] | 14 | 37.69<br>[1.484] | 30 | 1-146130-4 |
| 3 | 33.02<br>[1.300] | 13 | 35.15<br>[1.384] | 28 | 1-146130-3 |
| 3 | 30.48<br>[1.200] | 12 | 32.61<br>[1.284] | 26 | 1-146130-2 |
| 3 | 27.94<br>[1.100] | 11 | 30.07<br>[1.184] | 24 | 1-146130-1 |
| 3 | 25.40<br>[1.000] | 10 | 27.53<br>[1.084] | 22 | 1-146130-0 |
| 3 | 22.86<br>[.900]  | 9  | 24.99<br>[.984]  | 20 | 146130-9   |
| 3 | 20.32<br>[.800]  | 8  | 22.45<br>[.884]  | 18 | 146130-8   |
| 3 | 17.78<br>[.700]  | 7  | 19.91<br>[.784]  | 16 | 146130-7   |
| 3 | 15.24<br>[.600]  | 6  | 17.37<br>[.684]  | 14 | 146130-6   |
| 3 | 12.70<br>[.500]  | 5  | 14.83<br>[.584]  | 12 | 146130-5   |
| 3 | 10.16<br>[.400]  | 4  | 12.29<br>[.484]  | 10 | 146130-4   |
| 3 | 7.62<br>[.300]   | 3  | 9.75<br>[.384]   | 8  | 146130-3   |
| 3 | 5.08<br>[.200]   | 2  | 7.21<br>[.284]   | 6  | 146130-2   |
| 3 | 2.54<br>[.100]   | 1  | 4.67<br>[.184]   | 4  | 146130-1   |

|                                                                                      |   |                                        |   |                                                                                 |             |
|--------------------------------------------------------------------------------------|---|----------------------------------------|---|---------------------------------------------------------------------------------|-------------|
| PLATING                                                                              | C | B                                      | A | NO OF POSN                                                                      | PART NUMBER |
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                               |   |                                        |   |                                                                                 |             |
| DIMENSIONS:<br>mm [INCHES]                                                           |   | TOLERANCES UNLESS OTHERWISE SPECIFIED: |   | DWN J.KNAUB 30-09-94<br>CHK G. DUBNICZKI 30-09-94<br>APVD G. DUBNICZKI 30-09-94 |             |
| 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± 0.13[.005]<br>4 PLC ± -<br>ANGLES ± - |   | APPLICATION SPEC                       |   | NAME                                                                            |             |
| MATERIAL 4                                                                           |   | WEIGHT 0.000000                        |   | SIZE CAGE CODE DRAWING NO                                                       |             |
| SEE TABLE                                                                            |   | CUSTOMER DRAWING                       |   | RESTRICTED TO                                                                   |             |
|                                                                                      |   | A100779C=146130                        |   | SCALE 8:1 SHEET 1 OF 1 REV M1                                                   |             |

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[5-146130-3](#)